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Supersedes Catalog 87-500-02

WAI

2007 Edition

ALTERNATOR

Parts

Domestic, Import, and Heavy Duty



featuring Transpo Electronics





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ABBREVIATION GUIDE

Abbreviation	Description	Abbreviation	Description
-	Negative	DU	Ducellier
+	Positive	EF	External Fan
1V	1-Groove V-Belt Pulley	EL	Electrodyne
1X	.0025 in. undersize	Elec.	Electrical
2V	2-Groove V-Belt Pulley	EP	Electroprecizia Romanian
2X	.0050 in. undersize	ER	External Regulated
3S	3-Groove Serpentine Belt Pulley	ER/EF	External Regulated and External Fan
3V	3-Groove V-Belt Pulley	ER/IF	External Regulated and Internal Fan
3X	.0075 in. undersize	Ext.	Extension or External
4/6S	4-Groove + 6-Groove Serpentine Belt Pulley	F	Field Terminal or Fahrenheit or Flats (measured across the hex flats)
4S	4-Groove Serpentine Belt Pulley	FC	Field Coil
4X	.0100 in. undersize	FD	Ford
5S	5-Groove Serpentine Belt Pulley	FE	FEMSA
6S	6-Groove Serpentine Belt Pulley	FLD	Field Terminal
7S	7-Groove Serpentine Belt Pulley	Fld.	Field
8S	8-Groove Serpentine Belt Pulley	Flg.	Flange
9S	9-Groove Serpentine Belt Pulley	Form.	Forming
A	Amp	FR	Field Report or Computer Input Terminal
AC	Alternating Current	Ft.	Foot
Adj.	Adjusting or adjustable	FWD	Front Wheel Drive
Alt.	Alternator	GEN	Generator Terminal
Amp	Amperes	GRD	Ground Terminal
ARM	Armature Terminal	Grd.	Ground
AS	External Sense (system reference voltage)	H	Height
Assy.	Assembly	Hi	High
Assys.	Assemblies	HI	Hitachi
AT	Automatic Transmission	Hi-Temp	High Temperature
Auto	Automobile	HL	Hi-Lo
AUX	Auxiliary Terminal	HP	Horse Power
B-	Battery Negative or Ground Terminal	Hsg.	Housing
B+	Battery Positive Terminal	HT	Height or High Torque
BAT	Battery Terminal	I	Indicator Light Terminal
Batt.	Battery	ID	Inside Diameter or Identification
BH	Brush Holder	IF	Internal Fan
BK	Back	IG	Ignition Terminal
BL	Blue	IGN	Ignition Terminal
BLK	Black	IK	Iskra
BO	Bosch	IMS	Integral Magnetic Switch
Brg.	Bearing	Incl.	Includes
Brl.	Barrel	IND	Indicator Light Terminal or Industrial
BSF	British Standard Fine	Int.	Internal
C	Computer Terminal	IR	Internal Regulated
C.E.	Commutator End	IR/EF	Internal Regulated and External Fan
C.S.	Center Support	IR/IF	Internal Regulated and Internal Fan
CCW	Counter Clockwise	ISOL	Isolation
CFC	Chlorofluorocarbon	kW	Kilowatt
CH	Chrysler	L	Length or Liter or Indicator Light Terminal
CJ	Cajavec	L.H.	Lever Housing
Ctr.	Center	LA	Lada
Cut.	Cutter	lb.	Pound
CV	CAV	LH	Lever Housing or Left Hand Side
CW	Clockwise	LI	Load Indication
D	Diameter or Dummy Terminal or Drive (input from vehicle PCM)	LL	Lead Length
D-	Ground or Earth Terminal	LN	Leece-Neville
D.E.	Drive End	LRC	Load Response Control
D+	Trio Terminal	LU	Lucas
DbI.	Double	mA	Milliamp (.001 amp)
DD	Direct Drive	MD	Mando
DF	Field Terminal	MF	Microfarad
Dia.	Diameter	Mfd.	Manufactured
Dim	Dimension	MI	Mitsubishi
DR	Delco	Min.	Minimum

ABBREVIATION GUIDE

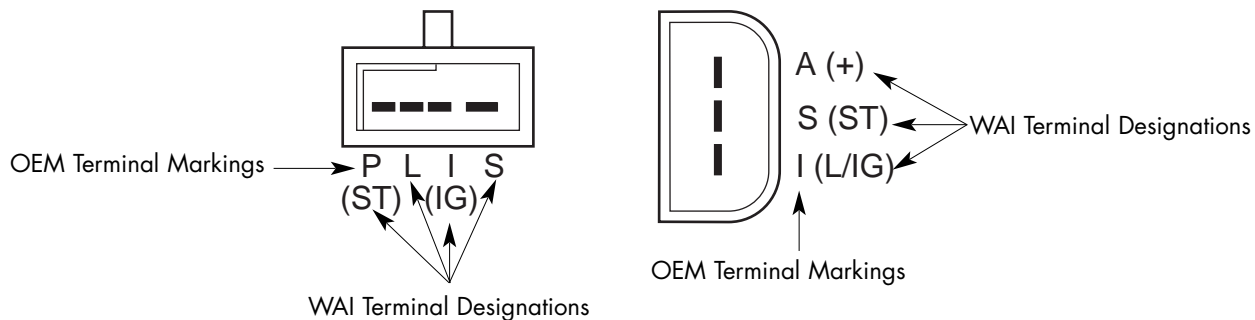
Abbreviation	Description	Abbreviation	Description
ml	Milliliter	Term.	Terminal
MM	Magneti-Marelli	Terms.	Terminals
mm	Millimeter	Thd.	Thread
MO	Motorola	Thk.	Thick
MT	Mitsuba or Manual Transmission	uA	Microamp (.000001 amp)
mtd.	Mounted	Undsz	Undersize
Mtg.	Mounting	UT	United Technologies
N	No	V	Volt or V-Belt
N/C	No Connection at Terminal	VA	Valeo
NA	Not Available	Volt Set	Voltage Setting
ND	Nippondenso	Vset	Voltage Set Point
Ndl.	Needle	W	Width
NE	Niehoff	w/	With
NEG	Negative	wo/	Without
Neg.	Negative	Y	Yes
NK	Nikko	YEL	Yellow
No.	Number		
Nos.	Numbers		
NPT	National Pipe Thread		
OAL	Overall Length		
OCP	Overcrank Protection		
OD	Outside Diameter		
OE	Original Equipment		
OEM	Original Equipment Manufacturer		
Opt.	Option		
OSGR	Offset Gear Reduction		
oz	Ounce		
P	Phase (output to vehicle PCM)		
PCM	Powertrain Control Module		
PF	Press-Fit		
pg	Page		
PI	Pressed In		
PL	Prestolite		
PLGR	Planetary Gear Reduction		
PMDD	Permanent Magnet Direct Drive		
PMGR	Permanent Magnet Gear Reduction		
PMOSGR	Permanent Magnet Offset Gear Reduction		
POS	Positive		
Pos.	Positive		
PR	Paris Rhone		
Prod.	Production		
R	Relay Terminal		
Ref.	Reference		
Reg.	Regulator		
Req.	Required		
RH	Right Hand Side		
R-Term.	Relay Terminal		
RWD	Rear Wheel Drive		
S.R.E.	Slip Ring End		
sec.	Second		
Sgl.	Single		
SNIP	Small Non-indexing Positorque		
Soln.	Solenoid		
SPL	Spline		
STA	Stator		
S-Term.	Switch Terminal		
S-Terminal	Switch Terminal		
Str.	Starter		
Strs.	Starters		
SV	SEV Marchal		
Sys.	System		
T	Teeth, Thickness or Terminal		
Temp.	Temperature		

REGULATOR TERMINAL REFERENCE GUIDE

REGULATOR TERMINAL DESIGNATIONS										
Electrical System	Field	Battery Sense	Ground (Earth)	Trio	Indicator Light	Ignition	Auxiliary	Stator	Field Report	Computer Input
Bosch	DF	B+, S	D-	D+	61, L	15	AUX	W, STA	DFM, FR	COM
CAV	DF	D+	D-	D+	L			STA		
Chrysler	FLD	B+	B-		L	IGN		STA		
Delco	F, FLD	B+	B-, GRD	D+	L	I, IGN		P, STA	F, FR	F, FR
Delco-Europe	DF	S	D-	D+	D+			STA		
Femsa	DF	B+	D-	D+	L, 61			STA		
Ford	FLD	A, AS, B+, S	B-		L, I, I/L		AUX	STA	GLI, LI	PCM, RC
Hitachi - ER	F	B+	E		L	IGN	AUX	N		
Hitachi - IR	FLD	B+, S	E	D+	L	IGN		STA	P	C, D
Iskra	DF	B+	D-	D+	L, 61			STA		
Lada	DF	B+, SENSE	E	L	IGN			STA		
Leece-Neville	F	B+	B-	TRIO	L	IGN		STA		
Lucas	DF	B+, D+	D-	D+	IND	IGN		STA		
Magneti Marelli	DF, 67	B+, 30	D-	D+	IND	IGN		STA		BECM
Magneton Pal	DF	B+		D+	L	IGN		STA		
Mando	FLD	B+	B-	D+	L					
Mitsubishi - ER	F	B+	E	D+	L, N	IGN	AUX	STA		
Mitsubishi - IR	F	B+, S	E	D+	L, N	IGN	AUX	STA	FR, P	D, FR, G
Motorola	FLD	S, +	B-	D+	L	IGN		STA		
Niehoff	FLD	S, +	B-	D+	L	IGN		STA		
Nikko	FLD	B+, S	B-	D+	L	IGN		STA		
Nippondenso - ER	F	B+	E	D+	L	IGN	AUX	STA		
Nippondenso - IR	F	B+, S	E	D+	L	IGN	AUX	STA	FR	ELD
Prestolite	FLD	B+	B-	TRIO	L	IGN		STA		
Valeo*	DF	B+, S, +	D-	D+	L, IND	IGN		W, STA	F	PCM

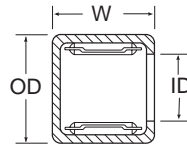
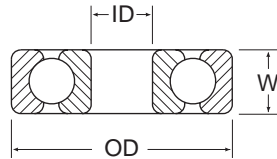
*Valeo includes: Ducellier, French Motorola, Paris Rhone, SEV Marchal

If the WAI terminal designation is different from the OEM terminal then the WAI designation will be displayed inside parentheses.



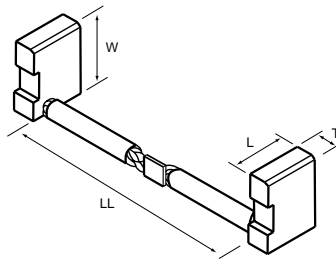
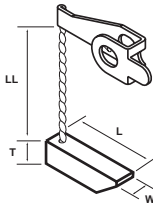
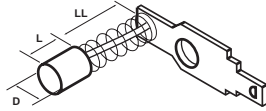
DIMENSION REFERENCE GUIDE

BALL BEARINGS & ROLLER BEARINGS



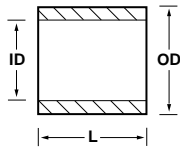
ID = Inside Diameter
OD = Outside Diameter
W = Width

BRUSHES



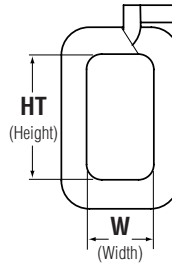
D = Brush Diameter
L = Brush Length
LL = Lead Length
T = Brush Thickness*
W = Brush Width*
 *Thickness vs width: thickness will always be the smaller dimension.

BUSHINGS



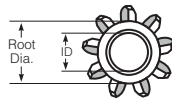
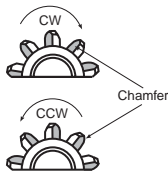
ID = Inside Diameter
OD = Outside Diameter
L = Length

FIELD COILS

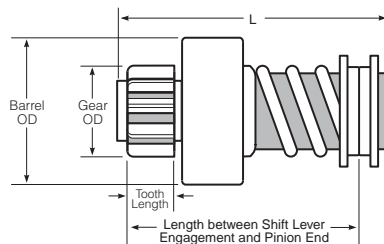


HT = Height of pole shoe opening
W = Width of pole shoe opening

STARTER DRIVES

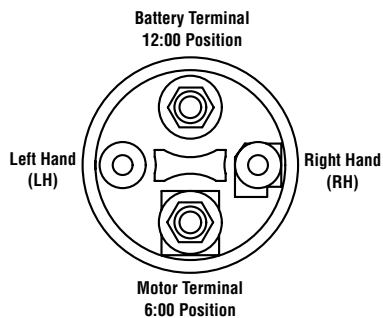


T= No. of Teeth
 SPL= No. of Splines



CW = Clockwise Rotation
CCW = Counter Clockwise Rotation
Gear OD = Outside Diameter of pinion gear
ID = Inside Diameter for armature shaft
L = Overall Length
T = Number of pinion gear teeth
SPL = Number of splines mating with armature

SOLENOID SWITCHES



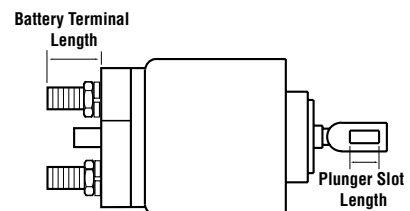
Location of the Switch or Relay Terminals

References to the location of the switch or relay terminals are made viewing the front of the solenoid cap with the battery terminal at the 12:00 clock position and the motor terminal at the 6:00 clock position.

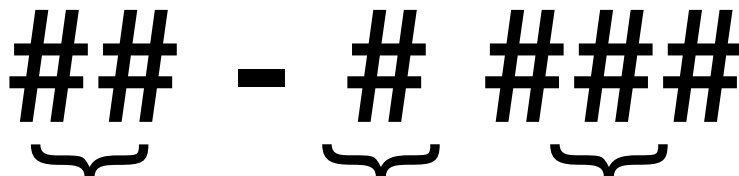
RH = Right Hand; **LH** = Left Hand

Length of Battery Terminal

References to the length of the battery terminal are measured from the end of the battery terminal to the solenoid cap surface.



NUMBERING SYSTEM GUIDE



WAI PRODUCT CODE

Identifies the part category and is indicated by the numbers before the dash.

WAI ELECTRICAL SYSTEM CODE

Identifies the electrical-system manufacturer and is indicated by the numbers after the dash.

SEQUENTIAL NUMBER CODE

Identifies a particular type of part within a part category and is indicated by the numbers after the electrical code.

WAI Product Code (## - # ###)

UNITS

- 1- Alternators
- 2- Starters
- 3- Generators

BEARINGS

- 6- Ball Bearings
- 8- Roller Bearings and Races
- 10- Special Ball Bearings
- 12- Tolerance Rings

ALTERNATORS & PARTS

- 20- Domestic Alternators ①
- 21- Frames, Drive-End
- 22- Frames, Slip Ring-End
- 24- Pulleys
- 25- Fans & Baffles
- 26- Alternator Kits
- 27- Stators
- 28- Rotors
- 31- Rectifiers ③
- 32- Diodes
- 33- Diode Trios ③
- 35- Voltage Regulators ③

- 38- Brushes
- 39- Brush Holders
- 41- Gaskets & Seals
- 42- Insulators
- 46- Misc. Alternator Parts
- 48- Sub-Assys.
- 49- Misc. Kits

STARTERS & PARTS

- 4- Accurate New Starter Drives
- 7- Accurate New Solenoids
- 9- Accurate New Switches
- 50- Domestic Starters ②
- 51- Frames, Drive-End
- 52- Frames, Commutator-End
- 53- Frames, Center-Support
- 54- Starter Drives
- 55- Shift Levers
- 56- Starter Kits
- 57- Field Housings
- 58- Pole Shoes
- 59- Field Coils
- 61- Armatures
- 62- Bushings

- 66- Solenoids
- 67- Switches
- 68- Brushes
- 69- Brush Holders
- 71- Gaskets & Seals
- 72- Insulators
- 76- Misc. Starter Parts
- 78- Sub-Assys.
- 79- Misc. Kits

GENERATOR & MOTOR PARTS

- 81- Generator Parts
- 82- Motor Parts

HARDWARE

- 84- Hardware, Standard
- 85- Hardware, Metric

EQUIPMENT & SHOP SUPPLIES

- 87- Catalogs
- 88- Equipment
- 89- Shop Supplies

① 20- domestic alternator part numbers are being replaced by 1- part numbers.

② 50- domestic starter part numbers are being replaced by 2- part numbers.

③ Most Rectifiers, Regulators & Trios are now under the Transpo part numbers.

WAI Electrical System Code (## - # ###)

DOMESTIC

- 1 Delco
- 2 Ford
- 3 Chrysler
- 4 Motorola
- 5 Leece-Neville
- 6 Prestolite
- 7 Miscellaneous

IMPORT, ASIAN

- 81 Hitachi
- 82 Nippondenso
- 83 Mitsubishi
- 84 Nikko
- 85 Mitsuba
- 86 Mando
- 89 Miscellaneous Asian

IMPORT, EUROPEAN

- 91 Bosch
- 92 Lucas
- 93 Marelli
- 94 Valeo
- 95 Iskra
- 99 Miscellaneous European

Note: Electrical System Code does not apply to...

Units: 1-, 2-, 3- part numbers

Universal parts: Bearings (6-, 10-), Hardware (84-, 85-), Shop Supplies (87-, 88-, 89-)

Transpo & Accurate part numbers

WAI Sequential Number Code (## - # ###)

1 - ALTERNATORS

1-1000 to -9999 Complete Alternator 

2 - STARTERS


2-1000 to -9999 Complete Starter 

3 - GENERATORS

3-1000 to -9999 Complete Generator 

4 - ACCURATE STARTER DRIVES

4-100 to -9999 Accurate New Starter Drives*

*Note: WAI drives are 54- part number. 

6 - BALL BEARINGS

6-100 6000 Series 

6-200 6200 Series

6-300 6300 Series

6-400 6400 Series

6-600 600 Series

6-700 R Series

6-900 6900 Series

6-2200 62200 Series

6-2300 62300 Series

6-3200 W6200 Series

6-3300 W6300 Series

6-8000 8000 Series

Suffix (Example):

6-203 Open Bearing (No Suffix)

6-203- 1 Single Shield (Z)


6-203- 2 Double Shields (ZZ)

6-203- 3 Single Seal (RS)

6-203- 4 Double Seals (2RS)

7 - ACCURATE SOLENOID SWITCHES

7-100 to -9999 Accurate New Solenoids*

*Note: WAI solenoids are 66- part number. 

8 - NEEDLE/ROLLER BEARINGS & RACES

8-# 00 to 999 Needle/Roller Brg. & Race 

9 - ACCURATE SWITCHES

9-100 to -9999 Accurate New Series Parallel Switches*

*Note: WAI switches are 67- part number.

10 - SPECIAL BEARINGS

10-000 to 9999 Special Bearing 


12 - TOLERANCE RINGS

12-000 to 9999 Tolerance Ring 


20 - ALTERNATORS

Note: 20- part numbers are being replaced with 1- numbers

21 - DRIVE END FRAMES, ALT.

21-# 00 to 999 D.E. Frame 

22 - SLIP RING END FRAMES, ALT.

22-# 00 to 999 S.R.E. Frame 

24 - PULLEYS


24-# 100 to 249 Small Bore V-Belt Pulley 

24-# 250 to 499 Small Bore Multi-Belt Pulley

24-# 500 to 749 Large Bore V-Belt Pulley

24-# 750 to 999 Large Bore Multi-Belt Pulley

25 - FANS & BAFFLES


25-# 00 to 89 Fan 

25-# 90 to 99 Baffle

26 - ALTERNATOR KITS

26-# 00 to 999 Alternator Kit

27 - STATORS

27-# 00 to 199 Stator 

27-# 200 to 299 Lamination

27-# 300 to 499 Misc. Stator Part

27-# 500 to 599 Slot Insulation


27-# 600 to 699 Wedges

Suffix (Example):

27-101 New Stator (No Suffix)

27-101- 9 Rewound Stator

28 - ROTORS

28-# 00 to 199 Rotor 

28-# 200 to 299 Coil Assy

28-# 300 to 349 Bobbin

28-# 350 to 399 Core

28-# 400 to 599 Misc. Rotor Part

28-# 600 to 699 Pole Piece

28-# 700 to 849 Shaft


28-# 850 to 999 Slip Ring

Suffix (Example):

28-113 New Rotor (No Suffix)

28-113- 9 Rewound Rotor

31 - RECTIFIERS

31-# 00 to 199 Rectifier* 

31-# 200 to 299 Heat Sink

31-# 300 to 399 Insulator

31-# 400 to 599 Misc. Rectifier Part

31-# 600 to 699 Terminal Block


*Note: most rectifiers are now Transpo part numbers

32 - DIODES

32-# 00 to 999 Diode* 

*Note: most diodes are WAI part numbers

33 - DIODE TRIOS

33-# 00 to 999 Diode Trio 

*Note: most diode trios are Transpo part numbers

35 - VOLTAGE REGULATORS

35-# 00 to 999 Voltage Regulator* 

*Note: most regulators are Transpo part numbers

NUMBERING SYSTEM GUIDE

WAI Sequential Number Code (## - # ###)

38 - BRUSHES, ALTERNATOR

- 38-# 00 to 799 Brush
- 38-# 800 to 999 Brush Kit



39 - BRUSH HOLDERS, ALTERNATOR

- 39-# 00 to 199 Brush Holder Assy.
- 39-# 200 to 399 Brush Holder
- 39-# 400 to 499 Insulator
- 39-# 500 to 699 Misc. Brush Holder Part
- 39-# 700 to 799 Brush Spring



41 - GASKETS & SEALS, ALTERNATOR

- 41-# 100 to 299 Gasket or Seal
- 41-# 300 to 499 Grommet, Boot
- 41-# 500 to 699 O-Ring
- 41-# 700 to 899 Oil Seal, Dust Seal



42 - INSULATORS, ALTERNATOR

- 42-# - 100 to 999 Insulator



46 - MISC. PARTS, ALTERNATOR

- 46-# 100 to 149 Capacitor
- 46-# 150 to 199 Terminal Post
- 46-# 200 to 249 Terminal Block
- 46-# 250 to 299 Lead
- 46-# 300 to 399 Connector or Bracket
- 46-# 400 to 499 Cover
- 46-# 500 to 549 Retainer
- 46-# 550 to 599 Sleeve
- 46-# 600 to 699 Spacer
- 46-# 700 to 799 Metal Stamping
- 46-# 800 to 849 Plug or Harness
- 46-# 850 to 999 Misc. Alternator Part



48 - SUB-ASSEMBLIES, ALTERNATOR

- 48-# 00 to 999 Sub-Assembly

49 - MISC. KITS, ALTERNATOR

- 49-# 100 to 499 Repair Kit
- 49-# 500 to 699 Terminal Kit



50 - STARTERS

Note: 50- part numbers are being replaced with 2- numbers.

51 - DRIVE END HOUSINGS, STR.

- 51-# 00 to 999 D.E. Housing



52 - COMMUTATOR END FRAMES, STR.

- 52-# 00 to 999 C.S. Frame



53 - CENTER SUPPORTS, STR.

- 53-# 00 to 999



54 - STARTER DRIVES

- 54-# 00 to 199 Starter Drive*
- 54-# 200 to 399 Pinion*
- 54-# 400 to 499 Clutch*
- 54-# 500 to 599 Roller
- 54-# 600 to 699 Drive Spring
- 54-# 700 to 799 Drive Body



- 54-# 800 to 999 Misc. Drive Part
- *Note: Accurate drives are 4- part number.

55 - SHIFT LEVERS

- 55-# 00 to 199 Shift Lever
- 55-# 200 to 299 Pin
- 55-# 300 to 399 Button
- 55-# 400 to 499 Misc. Shift Lever Part



56 - STARTER KITS

- 56-# 00 to 999 Starter Kit

57 - FIELD HOUSINGS

- 57-# 00 to 199 Field Case
- 57-# 200 to 299 Field Case Assy.
- 57-# 300 to 399 Field Case Kit
- 57-# 400 to 499 Sub-Assembly
- 57-# 500 to 599 Misc. Field Case Part



58 - POLE SHOES

- 58-# 00 to 499 Pole Shoe
- 58-# 500 to 999 Permanent Magnets



59 - FIELD COILS

- 59-# 00 to 899 Field Coil
- 59-# 900 to 999 Shunt Coil



61 - ARMATURES, STARTER

- 61-# 00 to 199 Armature
- 61-# 200 to 299 Commutator
- 61-# 300 to 399 Hairpin Coil
- 61-# 400 to 499 Slot Insulation
- 61-# 500 to 599 End Fiber Insulator
- 61-# 600 to 699 Lamination
- 61-# 700 to 799 Misc. Armature Part
- 61-# 800 to 999 Shaft



Suffix (Example):

- 61-127 New Armature (No Suffix)
- 61-101-9 Remanufactured Armature

62 - BUSHINGS, STARTER

- 62-# 100 to 199 .000" - .199" ID
- 62-# 200 to 299 .200" - .299" ID
- 62-# 300 to 399 .300" - .399" ID
- 62-# 400 to 499 .400" - .499" ID
- 62-# 500 to 599 .500" - .599" ID
- 62-# 600 to 699 .600" - .699" ID
- 62-# 700 to 799 .700" - .799" ID
- 62-# 800 to 899 .800" - .899" ID
- 62-# 900 to 999 .900" - up ID




Suffix (Example):

- 62-1400 Standard Size (No Suffix)
- 62-1400-1 .0025" Undersize (X)
- 62-1400-2 .0050" Undersize (XX)
- 62-1400-3 .0075" Undersize (XXX)
- 62-1400-4 .0100" Undersize (XXXX)
- 62-1400-7 Oversize Bushing
- 62-1400-8 Split Bushing


WAI Sequential Number Code (## - # ###)

66 - SOLENOID SWITCHES

66-# 00 to 199	Solenoid Switch Assy.*	
66-# 200 to 299	Cap Assy. or Plate Assy.	
66-# 300 to 349	Cap or Plate	
66-# 350 to 399	Stationary Contact or Term.	
66-# 400 to 449	Gasket, Seal or Insulator	
66-# 450 to 499	Solenoid Coil	
66-# 500 to 549	Soln. Body w/ Coil Assy.	
66-# 550 to 599	Spring	
66-# 600 to 649	Plunger	
66-# 650 to 699	Movable Contact	


*Note: Accurate solenoids are 7- part number.

67 - SWITCHES

67-# 00 to 199	Switch Assy.*	
67-# 200 to 249	Cap Assy	
67-# 250 to 299	Cap	
67-# 300 to 349	Coil Assy.	
67-# 350 to 399	Coil	
67-# 400 to 449	Breaker Point or Collar Assy.	
67-# 450 to 499	Breaker Point or Collar	
67-# 500 to 549	Gasket, Seal or Insulator	
67-# 550 to 599	Spring	
67-# 600 to 649	Plunger	

*Note: Accurate switches are 7-, 9- part numbers.

68 - BRUSHES, STARTER

68-# 00 to 799	Brush	
68-# 800 to 999	Brush Kit	


69 - BRUSH HOLDERS, STARTER

69-# 00 to 199	Brush Holder Assy.	
69-# 200 to 399	Brush Holder	
69-# 400 to 499	Insulator	
69-# 500 to 699	Misc. Brush Holder Part	
69-# 700 to 799	Brush Spring	

71 - GASKETS & SEALS, STARTER

71-# 100 to 299	Gasket or Seal	
71-# 300 to 499	Grommet, Boot or Plug	
71-# 500 to 699	O-Ring	
71-# 700 to 899	Oil Seal	

72 - INSULATORS, STARTER

72-# 100 to 999	Insulator	
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76 - MISC. PARTS, STARTER


76-# 100 to 199	Band or Cover	
76-# 200 to 249	Sleeve	
76-# 250 to 299	Bracket or Connector	
76-# 300 to 499	Metal Stamping	
76-# 500 to 549	Contact Post or Spring	
76-# 550 to 599	Terminal Post	
76-# 600 to 699	Lead Wire	
76-# 700 to 749	Spring	

76-# 800 to 999	Misc. Starter Part
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78 - SUB ASSEMBLIES, STARTER

78-# 00 to 999	Sub-Assembly
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79 - MISC. KITS, STARTER

79-# 100 to 299	Repair Kit	
79-# 300 to 499	Seal Kit	
79-# 500 to 699	Terminal Kit	


81 - GENERATOR PARTS

81-# 100 to 199	Armature	
81-# 200 to 299	Brush	
81-# 300 to 399	Bushing	
81-# 400 to 499	End Frame	
81-# 500 to 599	Field Coil	
81-# 600 to 699	Misc. Generator Part	
81-# 700 to 774	Pulley	
81-# 775 to 799	Fan	
81-# 800 to 999	Repair Kit	
81-# 900 to 999	Generator Regulator	

82 - MOTOR PARTS

82-# 100 to 149	Armature	
82-# 150 to 199	Brush	
82-# 200 to 249	Bushing	
82-# 250 to 299	End Frame	
82-# 300 to 349	Field Case or Case Assy.	
82-# 350 to 399	Field Coil	
82-# 400 to 449	Terminal Post	
82-# 450 to 499	Contact or Contact Assy.	
82-# 500 to 549	Repair Kit	
82-# 600 to 699	Gasket, Seal or Insulator	

84 - HARDWARE, STANDARD

84-1	Screw	
84-2	Nut	
84-3	Rivet	
84-4	Metal Washer	
84-5	Pin	
84-6	Woodruff Key	
84-7	Insulating Washer	
84-8	Retainer	
84-9	Special Fastener	

Sizes:

84-# 100 to 199	No. 2 - 6 (.086" - .163")
84-# 200 to 299	No. 8 (.164" - .189")
84-# 300 to 399	No. 10 - 12 (.190" - .249")
84-# 400 to 499	1/4 - 5/16 (.250" - .374")
84-# 500 to 599	3/8 - 7/16 (.375" - .499")
84-# 600 to 699	1/2 - 5/8 (.500" - .749")
84-# 700 to 799	3/4 - Up (.750" - up)
84-# 900 to 999	Misc. Standard Hardware

NUMBERING SYSTEM GUIDE

WAI Sequential Number Code (## - # ###)

85 - HARDWARE, METRIC

85-1	Screw
85-2	Nut
85-3	Rivet
85-4	Metal Washer
85-5	Pin
85-6	Woodruff Key
85-7	Insulating Washer
85-8	Retainer
85-9	Special Fastener

Sizes:

85-# 100 to 199	1 - 2 mm
85-# 200 to 299	3 - 4 mm
85-# 300 to 399	5 - 6 mm
85-# 400 to 499	7 - 8 mm
85-# 500 to 599	10 - 12 mm
85-# 600 to 699	14 - 16 mm



87 - CATALOGS

87-100 to 999 Catalogs

88 - EQUIPMENT

88-100 to 999 Equipment or Accessories

89 - SHOP SUPPLIES

89-100 to 999 Shop Supplies

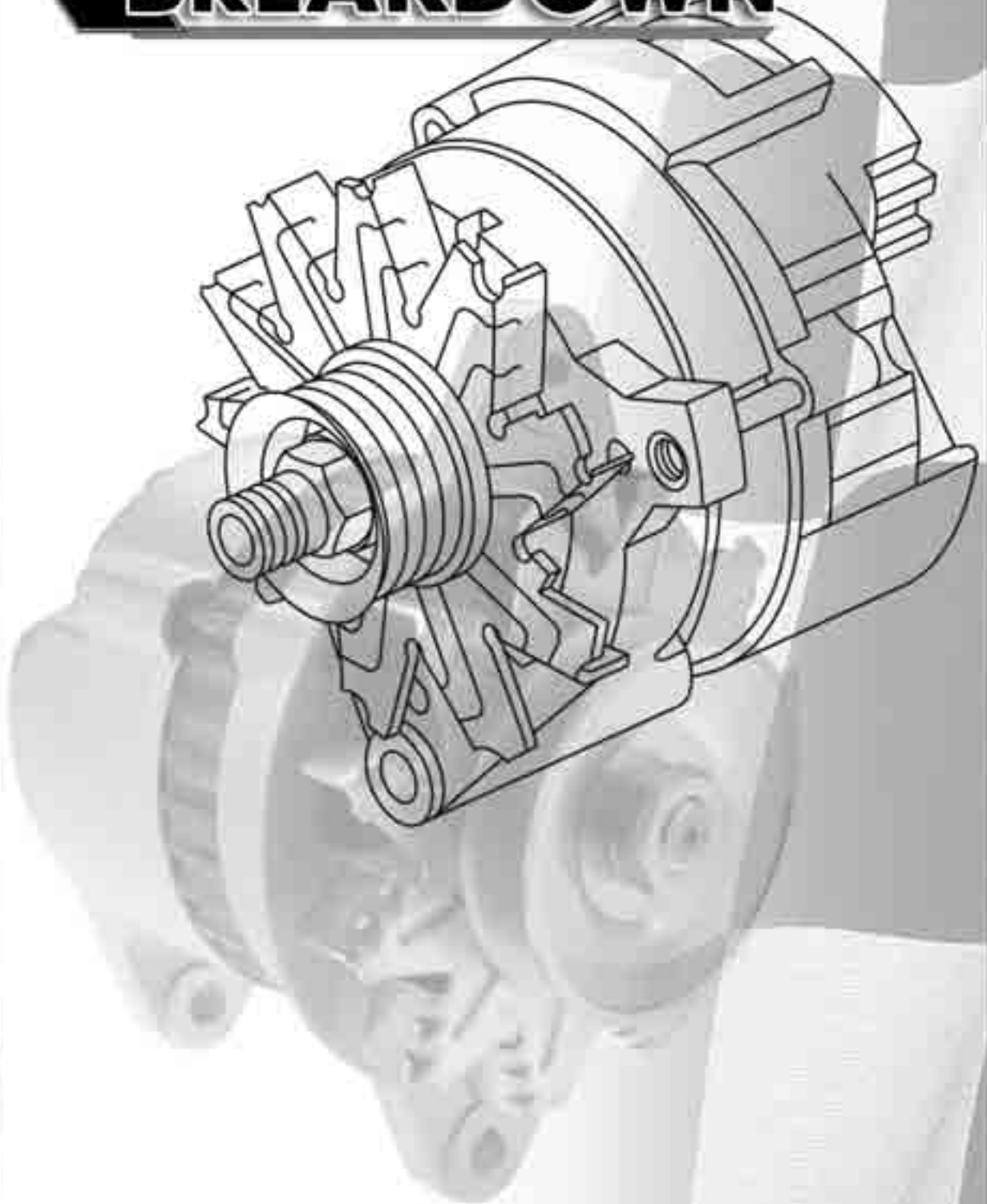


TRANSPO Part Number Code (#####)

BM	Ignition Module - Bosch
BR	Regulator/Rectifier - Briggs Stratton
C	Regulator - Chrysler
CE	Regulator - CAV
CM	Ignition Module - Chrysler
CR	Rectifier - Chrysler
D	Regulator - Delco
DE	Regulator - Delco (non-USA)
DER	Rectifier - Delco (non-USA)
DET	Diode Trio - Delco (non-USA)
DM	Ignition Module - Delco
DR	Rectifier - Delco
DT	Tester - Diode or Diode Trio - Delco
F	Regulator - Ford
FB	Regulator - Ford
FM	Ignition Module - Ford
FR	Rectifier - Ford
GCR	Rectifier - EZ-GO
GH	Regulator/Rectifier - Grasshopper
GR	Regulator - Ford
H	Regulator - Harley Davidson
HEC	Ignition Module w/ Coil - Bosch
HM	Ignition Module - Hitachi
HN	Ignition Module - Honda
IB	Regulator - Bosch
IBR	Rectifier - Bosch
ID	Regulator - Ducellier/Valeo
IDR	Rectifier - Ducellier/Valeo
IF	Regulator - Femsa
IH	Regulator - Hitachi
IHR	Rectifier - Hitachi
IK	Regulator - Iskra
IL	Regulator - Lucas
ILR	Rectifier - Lucas
IM	Regulator - Mitsubishi
IMR	Rectifier - Mitsubishi
IN	Regulator - Nippondenso
INP	Terminal Block - Nippondenso
INR	Rectifier - Nippondenso
IP	Regulator - Paris Rhone/Valeo

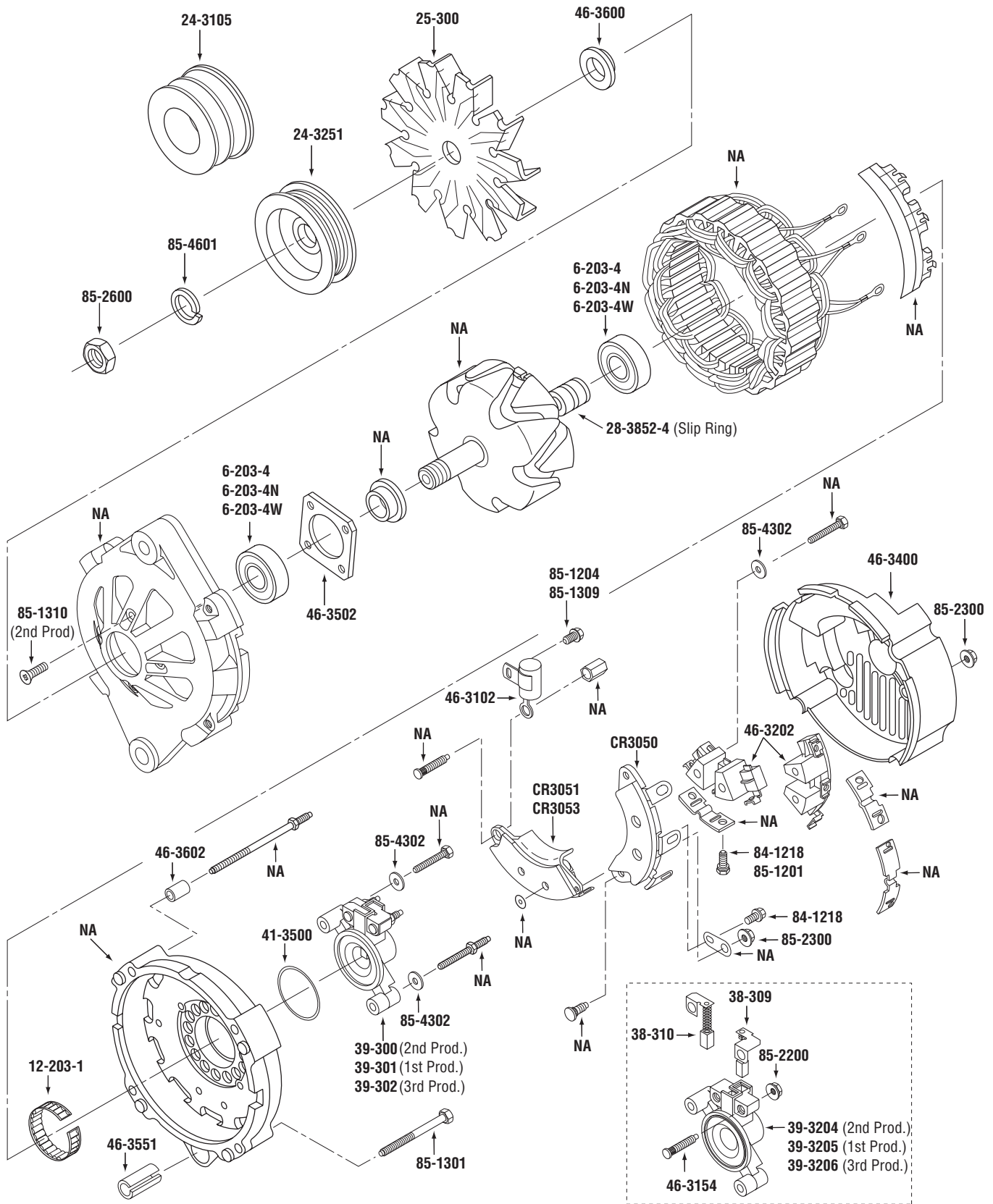
IPR	Rectifier - Paris Rhone/Valeo
IR	Regulator - Lada
IS	Regulator - SEV/Valeo
ISR	Rectifier - SEV/Valeo
IW	Regulator - Sawafuji
IX	Regulator - Marelli
IXR	Rectifier - Marelli
IY	Regulator - Mando
IYR	Rectifier - Mando
IZ	Regulator - Nikko
JDR	Regulator/Rectifier - John Deere
KH	Rectifier - Kohler
KNR	Rectifier - Kawasaki
KNV	Regulator - Kawasaki
KW	Regulator/Rectifier - Kawasaki
L	Regulator - Leece-Neville
LM	Ignition Module - Lucas
LR	Rectifier - Leece-Neville
M	Regulator - Motorola
MAP	Sensor - MAP
MER	Rectifier - Motorola/Valeo
MM	Ignition Module - Mitsubishi
MP	Regulator - Magneton Pal
MR	Rectifier - Motorola
NM	Ignition Module - Nippondenso
P	Regulator - Prestolite
PR	Rectifier - Prestolite
RM	Ignition Module - Lada
RT	Tester - Rotor
S	Regulator/Rectifier - Motorcycle
ST	Tester - Stator
TRI	Repair Circuit
TRR	Regulator/Rectifier - Mercury Marine
V	Regulator - Voyager Series
VM	Ignition Module - Valeo
VR	Voltage Reducer
VRC	Tester - Regulator
WAF	Wire Harness
XM	Ignition Module - Marelli

ILLUSTRATED BREAKDOWN



CHRYSLER 40/90 AMP, 50/120 AMP

CHRYSLER 40/90 AMP, 50/120 AMP

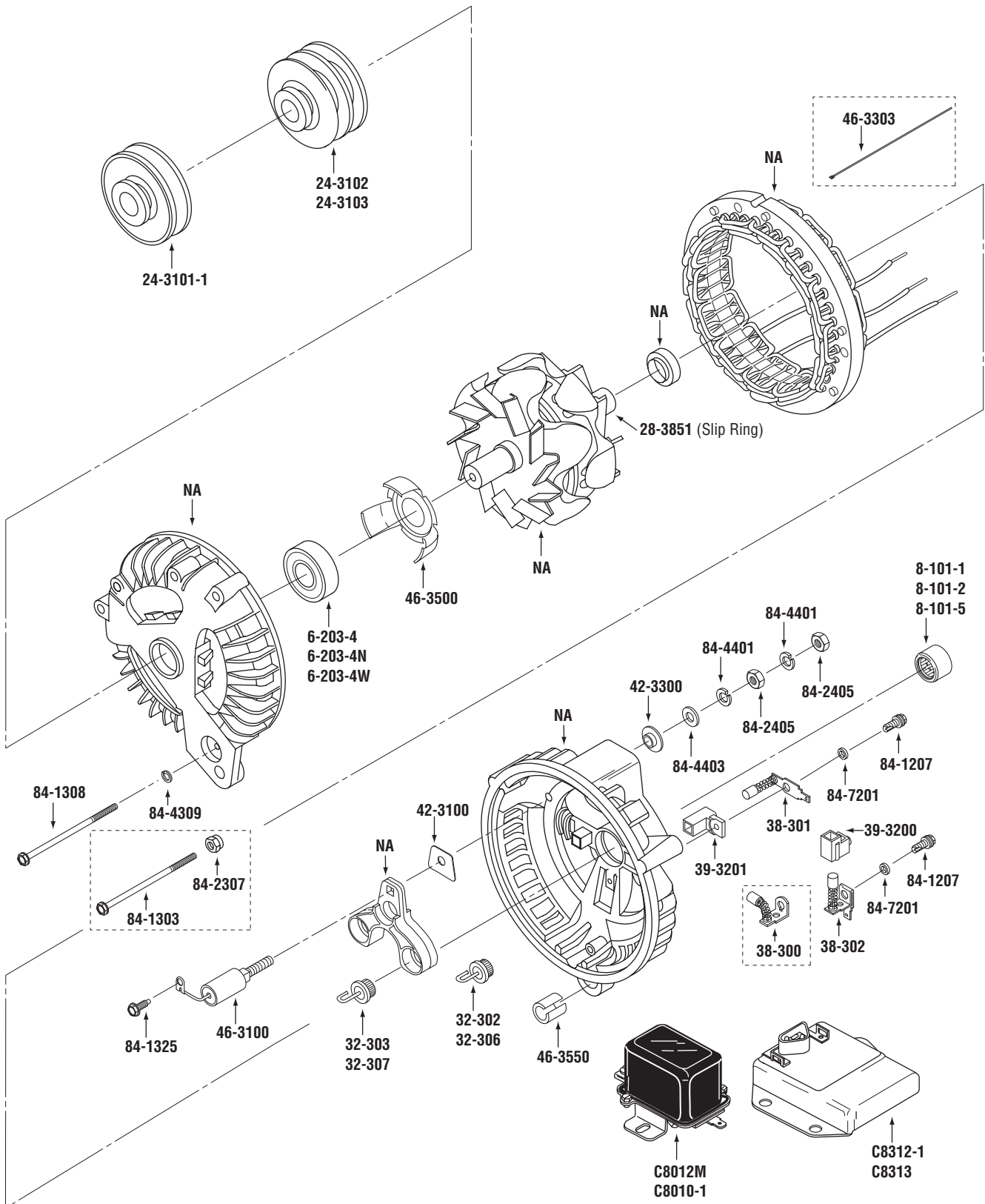


CHRYSLER 40/90 AMP, 50/120 AMP

WAI No.	Description
6-203-4	BALL BEARING - D.E., S.R.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E., S.R.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E., S.R.E. (Dbl. Sealed, WBD)
12-203-1	TOLERANCE RING - 3rd Prod. Alts.
24-3105	2-GROOVE PULLEY (75mm OD)
24-3251	4-GROOVE PULLEY (72mm OD)
25-300	FAN
28-3852-4	SLIP RING - Rotor
38-309	BRUSH - Ref# C-20
38-310	BRUSH - Ref# C-21
39-300	BRUSH HOLDER ASSY. - Used on S.R.E. Frames w/ O-Ring (4mm Mtg. Holes)
39-301	BRUSH HOLDER ASSY. - Used on S.R.E. Frames w/ O-Ring (5mm Mtg. Holes)
39-302	BRUSH HOLDER ASSY. - Used on S.R.E. Frames w/ Tolerance Ring (4mm Mtg. Holes)
39-3204	BRUSH HOLDER - Used in 39-300 Brush Hold. Assy.
39-3205	BRUSH HOLDER - Used in 39-301 Brush Hold. Assy. (5mm Mtg. Holes)
39-3206	BRUSH HOLDER - Used in 39-302 Brush Hold. Assy. (4mm Mtg. Holes)
41-3500	O-RING - S.R.E. Frame, 1st, 2nd Prod. Alts.
46-3102	CAPACITOR
46-3154	TERMINAL POST - Brush Holder (M4 x 0.7 x 30mm)
46-3202	TERMINAL BLOCK (4mm Mtg. Holes)
46-3400	COVER - S.R.E. Frame, 40/90A Alts.
46-3502	BEARING RETAINER - D.E. Frame
46-3551	MOUNTING BUSHING - S.R.E. Frame
46-3600	SPACER - Fan (17mm ID x 32mm OD x 5mm L)
46-3602	SPACER - Thru Bolt
84-1218	SCREW - Rectifier, Term. Block (8-32 x 3/8 L, Hex)
85-1201	SCREW - Terminal Block (M4 x 0.7 x 13mm L, Hex)
85-1204	SCREW - Capacitor (M4 x 0.7 x 10mm L, Hex)
85-1301	THRU BOLT (M5 x 0.8 x 70mm L)
85-1309	SCREW - Capacitor (M5 x 0.8 x 12mm L, Hex)
85-1310	SCREW - Brg. Retainer, 2nd Prod. Alts. (M5 x 0.8 x 16mm L, Phillips)
85-2200	HEX NUT - Terminal Post (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2300	HEX NUT - Cover (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2600	HEX NUT - Pulley (M16 x 1.5 x 24mm F x 8mm T)
85-4302	FLAT WASHER - Brush Holder, Term. Block (5mm ID)
85-4601	LOCK WASHER - Pulley (16mm ID, Split)
CR3050	RECTIFIER (wo/ Term.)
CR3051	RECTIFIER (M6 x 1.0 Term., 50A Diodes)
CR3053	RECTIFIER (M6 x 1.0 Term., 70A Diodes)

CHRYSLER ROUND BACK

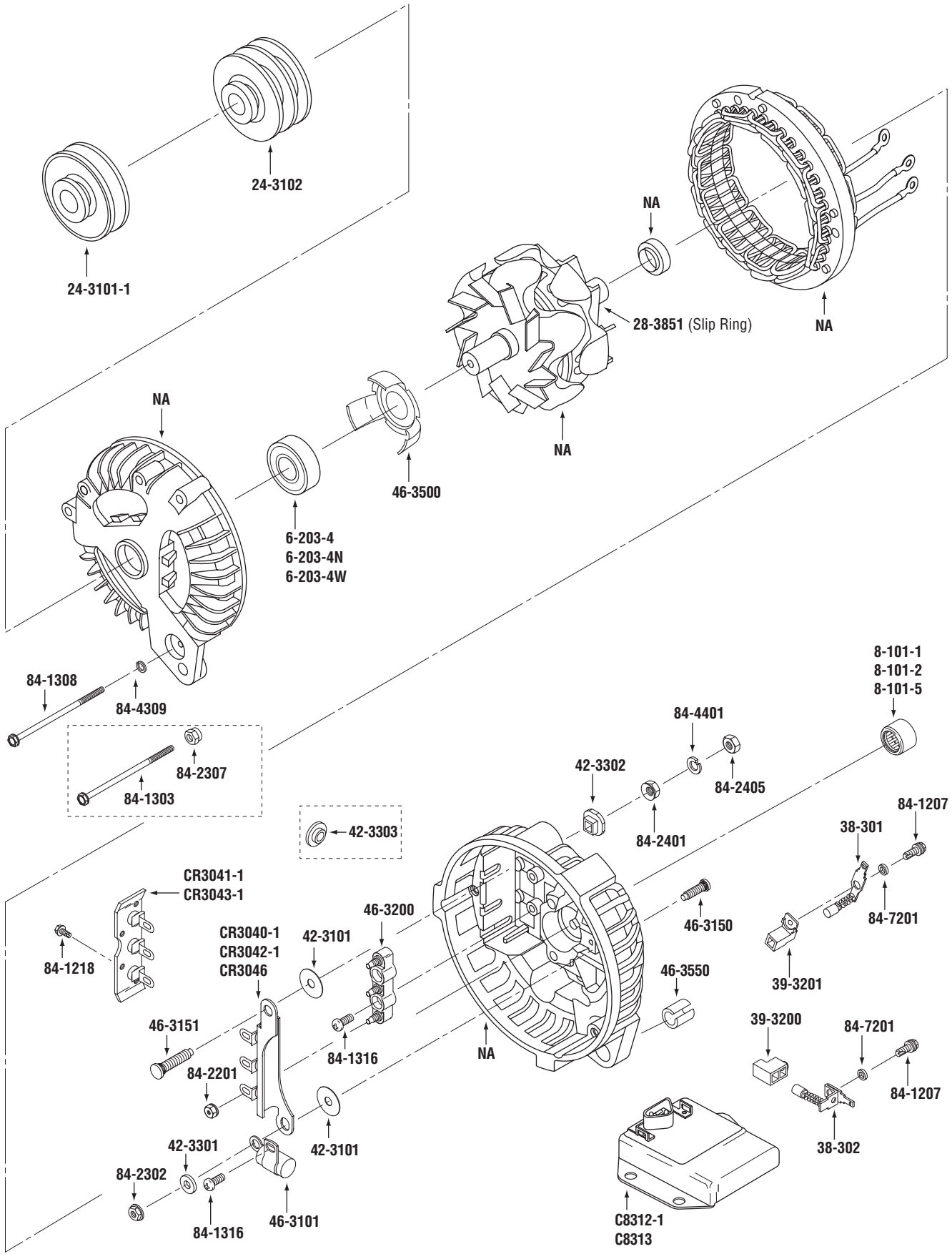
CHRYSLER ROUND BACK



WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
24-3101-1	1-GROOVE PULLEY (68mm OD, Machined Steel Pulley)
24-3102	2-GROOVE PULLEY (13mm Belts x 82mm OD)
24-3103	2-GROOVE PULLEY (10mm Belts x 68mm OD, Machined Steel Pulley)
28-3851	SLIP RING - Rotor
32-302	NEGATIVE DIODE (25A/100V)
32-303	POSITIVE DIODE (25A/100V)
32-306	NEGATIVE DIODE (35A/200V)
32-307	POSITIVE DIODE (35A/200V)
38-300	BRUSH - Ref# C-1, Early Style
38-301	BRUSH - Ref# C-8
38-302	BRUSH - Ref# C-1T
39-3200	BRUSH HOLDER - Used w/ 38-300, 38-302 Brush
39-3201	BRUSH HOLDER - Used w/ 38-301 Brush
42-3100	INSULATOR - Heat Sink (Mica)
42-3300	INSULATOR - Capacitor Post
46-3100	CAPACITOR
46-3303	REPAIR CONNECTOR - Stator Lead
46-3500	BEARING RETAINER - D.E. Frame
46-3550	MOUNTING BUSHING - S.R.E. Frame
84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1303	SALVAGE THRU BOLT - Used w/ 84-2307 Lock Nut (10-32 x 3-3/4 L)
84-1308	THRU BOLT (10-32 x 3-1/8 L)
84-1325	SCREW - Capacitor Lead (10-32 x 3/8 L, Slotted Hex, Thd. Cut.)
84-2307	HEX NUT - Salvage Thru Bolt (10-32 x 3/8 F x 1/4 T, Nylon Lock)
84-2405	HEX NUT - Capacitor Lead (1/4-20 x 7/16 F x 7/32 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4401	LOCK WASHER - Capacitor Lead (1/4 ID, Split)
84-4403	FLAT WASHER - Capacitor Lead (1/4 ID)
84-7201	INSULATING WASHER - Brush Holder (1/4 ID)
C8010-1	REGULATOR (Solid State)
C8012M	REGULATOR (Mechanical)
C8312-1	REGULATOR (Solid State)
C8313	REGULATOR (Solid State, Heavy Duty)

CHRYSLER SQUARE BACK

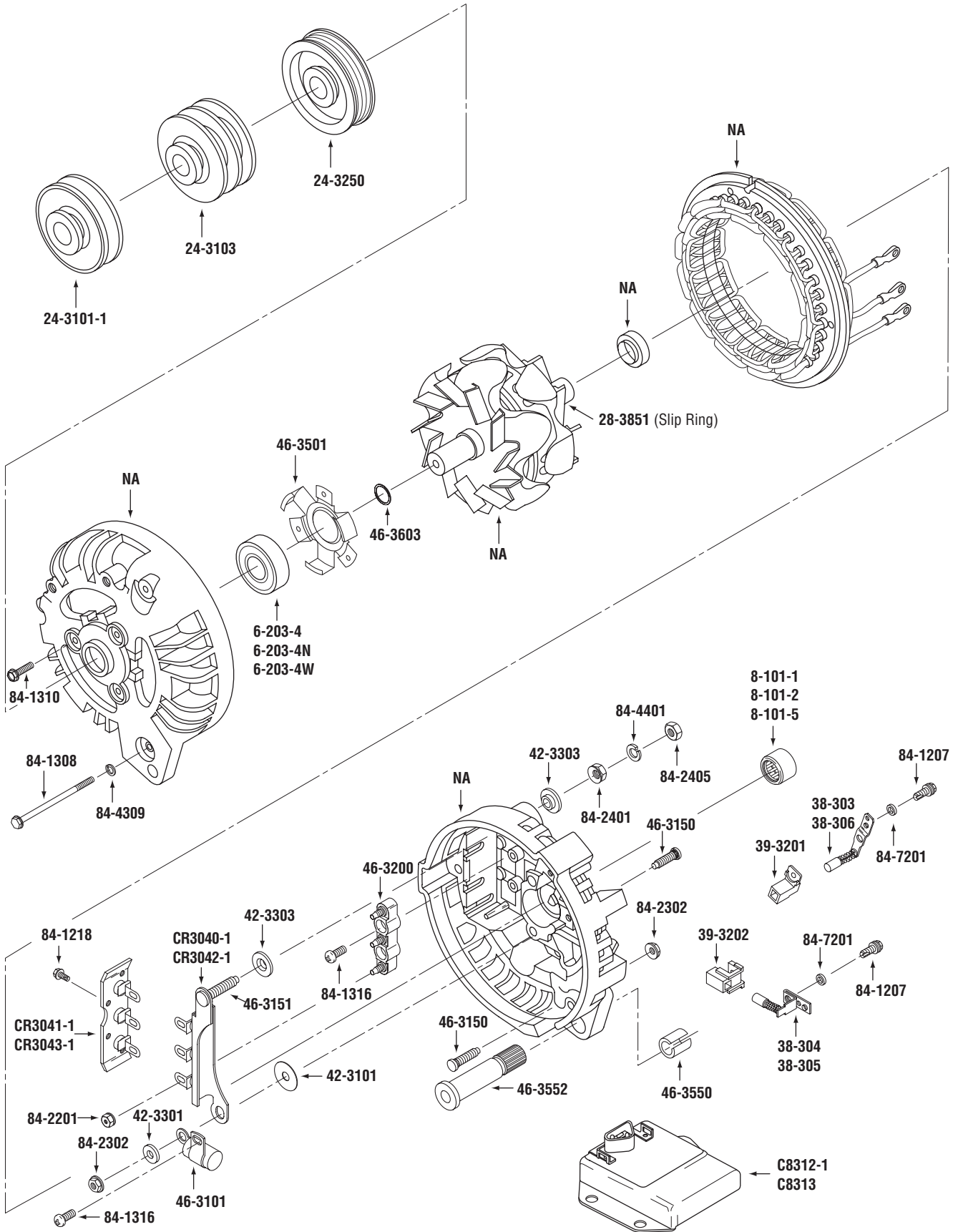
CHRYSLER SQUARE BACK



WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
24-3101-1	1-GROOVE PULLEY (68mm OD, Machined Steel Pulley)
24-3102	2-GROOVE PULLEY (13mm Belts x 82mm OD)
28-3851	SLIP RING - Rotor
38-301	BRUSH - Ref# C-8
38-302	BRUSH - Ref# C-1T
39-3200	BRUSH HOLDER - Used w/ 38-302 Brush
39-3201	BRUSH HOLDER - Used w/ 38-301 Brush
42-3101	INSULATOR - Heat Sink (Mica)
42-3301	INSULATOR - Capacitor
42-3302	INSULATOR - Batt. Term. (Square)
42-3303	INSULATOR - Batt. Term. (Round)
46-3101	CAPACITOR
46-3150	STUD - Capacitor, Heat Sink (10-24 x 15/16)
46-3151	BATTERY TERMINAL (1/4-20 x 1-5/16)
46-3200	TERMINAL BLOCK
46-3500	BEARING RETAINER - D.E. Frame
46-3550	MOUNTING BUSHING - S.R.E. Frame
84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1218	SCREW - Neg. Rectifier (8-32 x 3/8 L, Hex)
84-1303	SALVAGE THRU BOLT - Used w/ 84-2307 Lock Nut (10-32 x 3-3/4 L)
84-1308	THRU BOLT (10-32 x 3-1/8 L)
84-1316	SCREW - Capacitor, Term. Block (10-24 x 1/2 L, Phillips, Thd. Cut.)
84-2201	HEX NUT - Stator Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2302	HEX NUT - Capacitor (10-24 x 3/8 F x 9/32 T, Serrated Flange)
84-2307	HEX NUT - Salvage Thru Bolt (10-32 x 3/8 F x 1/4 T, Nylon Lock)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
84-7201	INSULATING WASHER - Brush Holder (1/4 ID)
C8312-1	REGULATOR (Solid State)
C8313	REGULATOR (Solid State, Heavy Duty)
CR3040-1	POSITIVE RECTIFIER - w/ Batt. Post (25A Diodes)
CR3041-1	NEGATIVE RECTIFIER (25A Diodes)
CR3042-1	POSITIVE RECTIFIER - w/ Batt. Post (50A Diodes)
CR3043-1	NEGATIVE RECTIFIER (50A Diodes)
CR3046	POSITIVE RECTIFIER - wo/ Batt. Post (25A Diodes)

CHRYSLER SQUARE BACK, REVISED

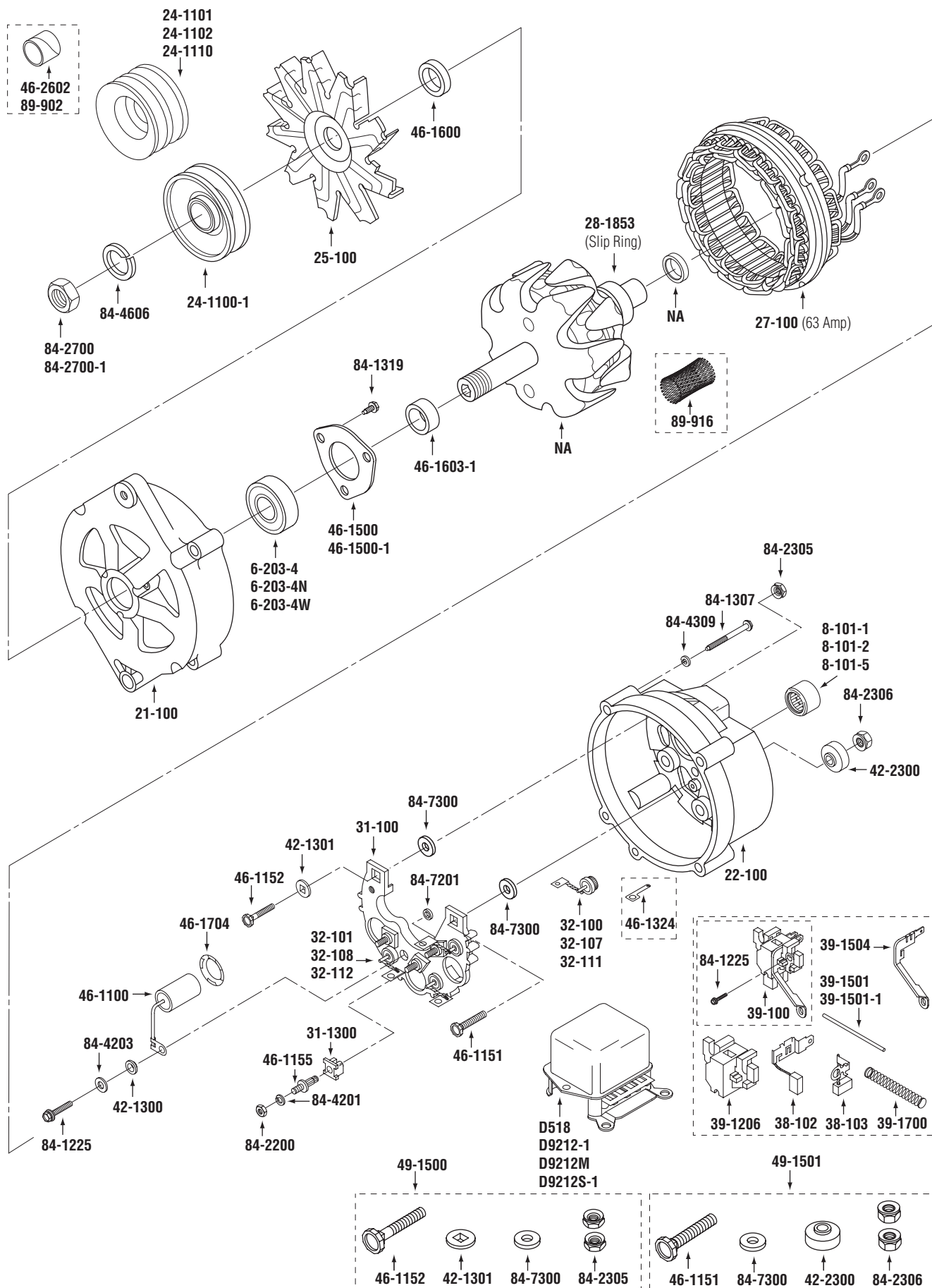
CHRYSLER SQUARE BACK, REVISED



WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
24-3101-1	1-GROOVE PULLEY (68mm OD, Machined Steel Pulley)
24-3103	2-GROOVE PULLEY (10mm Belts x 68mm OD, Machined Steel Pulley)
24-3250	4-GROOVE PULLEY (72mm OD)
28-3851	SLIP RING - Rotor
38-303	BRUSH - Ref# C-16
38-304	BRUSH - Ref# C-15
38-305	BRUSH - Ref# C-17 (8-32 Terminal)
38-306	BRUSH - Ref# C-18 (8-32 Terminal)
39-3201	BRUSH HOLDER - Used w/ 38-303, 38-306 Brush
39-3202	BRUSH HOLDER - Used w/ 38-304, 38-305 Brushes
42-3101	INSULATOR - Heat Sink (Mica)
42-3301	INSULATOR - Capacitor
42-3303	INSULATOR - Batt. Term. (Round)
46-3101	CAPACITOR
46-3150	STUD - Capacitor, Heat Sink (10-24 x 15/16)
46-3151	BATTERY TERMINAL (1/4-20 x 1-5/16)
46-3200	TERMINAL BLOCK
46-3501	BEARING RETAINER - D.E. Frame
46-3550	MOUNTING BUSHING - S.R.E. Frame
46-3552	MOUNTING FERRULE
46-3603	SPACER - Rotor
84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1218	SCREW - Neg. Rectifier (8-32 x 3/8 L, Hex)
84-1308	THRU BOLT (10-32 x 3-1/8 L)
84-1310	SCREW - Brg. Retainer (10-16 x 3/4 L, Hex)
84-1316	SCREW - Capacitor, Term. Block (10-24 x 1/2 L, Phillips, Thd. Cut.)
84-2201	HEX NUT - Stator Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2302	HEX NUT - Capacitor (10-24 x 3/8 F x 9/32 T, Serrated Flange)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
84-7201	INSULATING WASHER - Brush Holder (1/4 ID)
C8312-1	REGULATOR (Solid State)
C8313	REGULATOR (Solid State, Heavy Duty)
CR3040-1	POSITIVE RECTIFIER - w/ Batt. Post (25A Diodes)
CR3041-1	NEGATIVE RECTIFIER (25A Diodes)
CR3042-1	POSITIVE RECTIFIER - w/ Batt. Post (50A Diodes)
CR3043-1	NEGATIVE RECTIFIER (50A Diodes)

DELCO 10DN SERIES

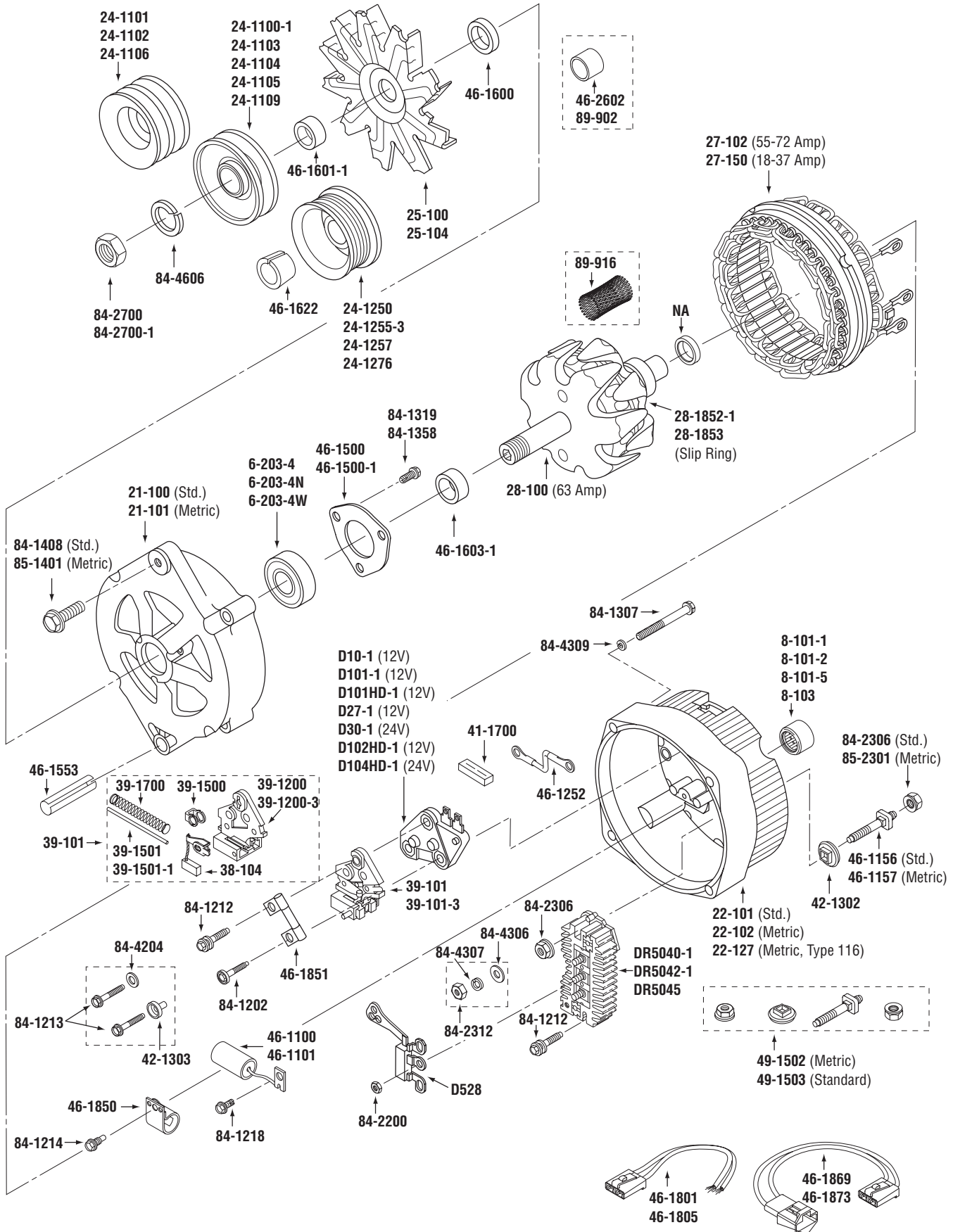
DELCO 10DN SERIES



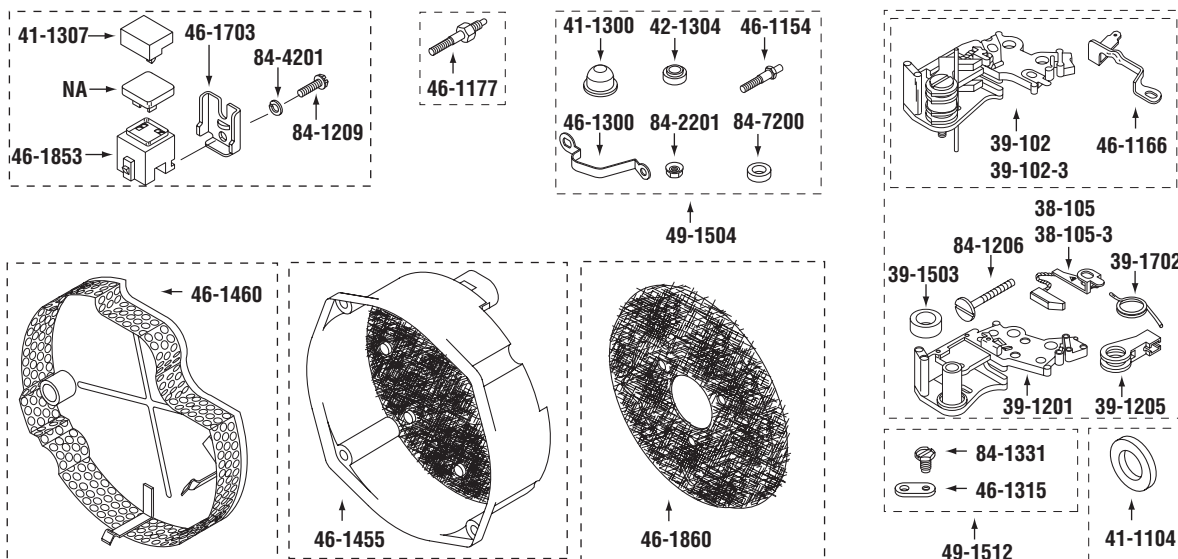
WAI No.	Description	WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1152	GROUND TERMINAL (10-32 x 1-1/4)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	46-1155	STUD - Rectifier
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1324	REPAIR LEAD - Diode
8-101-1	NEEDLE BEARING - S.R.E.	46-1500	BEARING RETAINER - D.E. Frame
8-101-2	NEEDLE BEARING - S.R.E.	46-1500-1	BEARING RETAINER - D.E. Frame
8-101-5	NEEDLE BEARING - S.R.E.	46-1600	SPACER - Fan (22.23mm OD x 5mm L)
21-100	D.E. FRAME (5/16-18 Mtg. Ear)	46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
22-100	S.R.E. FRAME	46-1704	CAPACITOR RETAINER
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)	46-2602	SPACER - Packaging (Metal)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)	49-1500	TERMINAL KIT - Grd.
24-1102	2-GROOVE PULLEY (13mm Belts x 71mm OD)	49-1501	TERMINAL KIT - Battery
24-1110	2-GROOVE PULLEY (10mm Belts x 69mm OD)	84-1225	SCREW - Brush Holder, Capacitor (8-32 x 1 L, Hex, Thd. Form.)
25-100	FAN	84-1307	THRU BOLT (10-24 x 2-1/8 L)
27-100	STATOR - 37-63A	84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)	84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
31-100	POSITIVE RECTIFIER (35A Diodes)	84-2305	HEX NUT - Grd. Term. (10-32 x 3/8 F x 1/8 T, w/ Att. Washer)
31-1300	INSULATOR - Rectifier	84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
32-100	NEGATIVE DIODE (25A/50V)	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
32-101	POSITIVE DIODE (25A/50V)	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
32-107	NEGATIVE DIODE (25A/100V)	84-4201	LOCK WASHER - Rectifier (#8 ID, Split)
32-108	POSITIVE DIODE (25A/100V)	84-4203	FLAT WASHER - Rectifier (#8 ID)
32-111	NEGATIVE DIODE (35A)	84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
32-112	POSITIVE DIODE (35A)	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
38-102	BRUSH - Ref# R-99	84-7201	INSULATING WASHER - Capacitor Screw (1/4 ID)
38-103	BRUSH - Ref# R-100	84-7300	INSULATING WASHER - Batt. Term., Grd. Term. (#12 ID)
39-100	BRUSH HOLDER ASSY.	89-902	SPACER - Packaging (Cardboard)
39-1206	BRUSH HOLDER	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
39-1501	PIN - Brush Holder (Steel)	D518	REGULATOR - 24V (Solid State)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	D9212-1	REGULATOR - 12V (Solid State)
39-1504	TERMINAL - Brush Holder	D9212M	REGULATOR - 12V (Electro-mechanical Relay)
39-1700	BRUSH SPRING - Brush	D9212S-1	REGULATOR - 12V (Solid State, Heavy Duty)
42-1300	INSULATOR - Capacitor Mtg.		
42-1301	INSULATOR - Grd. Term.		
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)		
46-1100	CAPACITOR (.5mf)		
46-1151	BATTERY TERMINAL (12-24 x 1-3/8)		

DELCO 10SI SERIES

DELCO 10SI SERIES

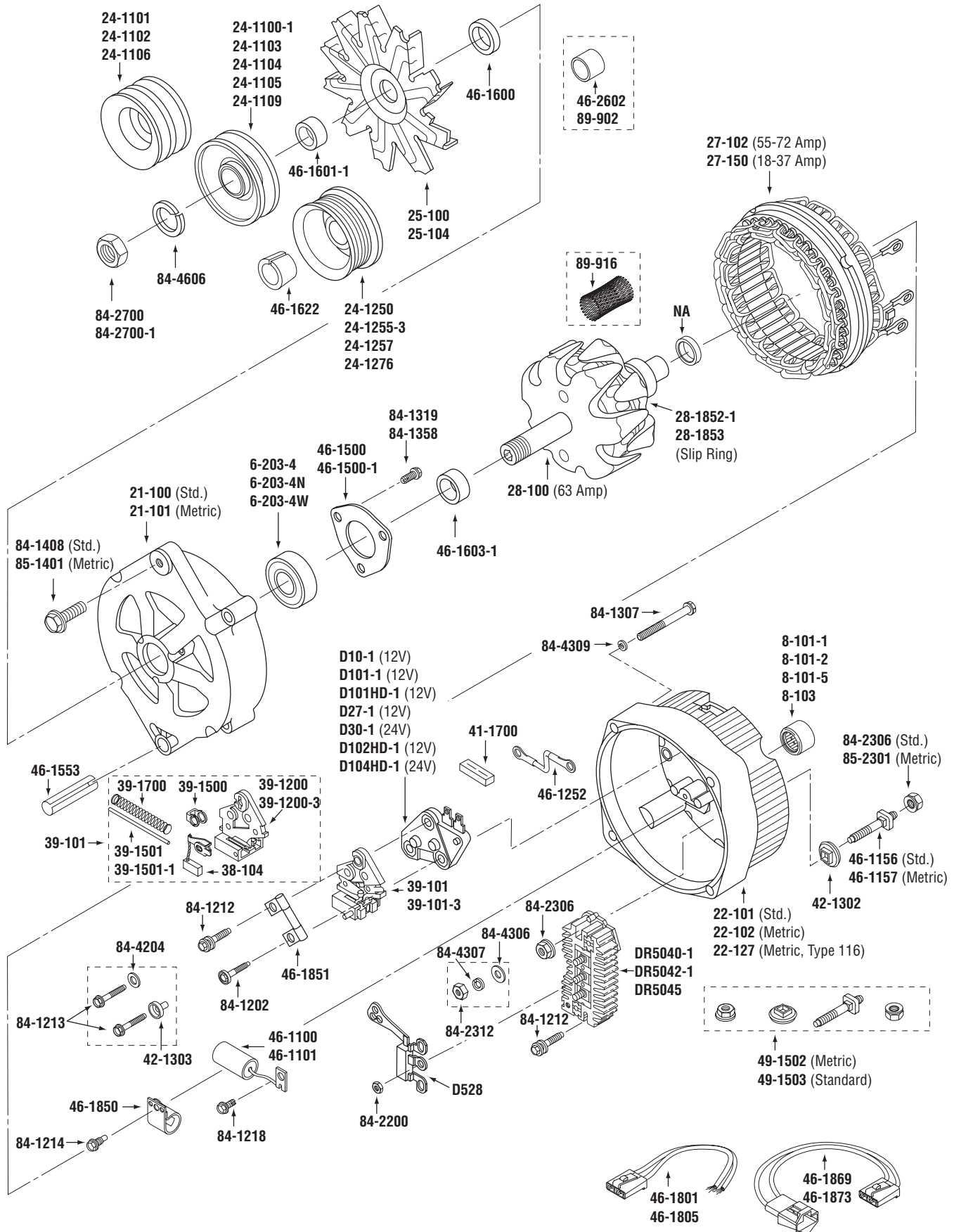


WAI No.	Description	WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	39-102	BRUSH HOLDER ASSY. - Type 116, 136
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	39-102-3	BRUSH HOLDER ASSY. - Type 116, 136
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	39-1200	BRUSH HOLDER (Universal Aftmrkt Design)
8-101-1	NEEDLE BEARING - S.R.E.	39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)
8-101-2	NEEDLE BEARING - S.R.E.	39-1201	BRUSH HOLDER - Type 116, 136
8-101-5	NEEDLE BEARING - S.R.E.	39-1205	BRUSH ARM
8-103	NEEDLE BEARING - S.R.E., Type 116 & 136	39-1500	CLIP - Brush Holder
21-100	D.E. FRAME (5/16-18 Mtg. Ear)	39-1501	PIN - Brush Holder (Steel)
21-101	D.E. FRAME (M8 x 1.25 Mtg. Ear)	39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
22-101	S.R.E. FRAME (5/16-18 Mtg. Hole)	39-1503	SPACER - Brush Holder
22-102	S.R.E. FRAME (M8 x 1.25 Mtg. Hole)	39-1700	BRUSH SPRING - Brush
22-127	S.R.E. FRAME - Type 116 (M8 x 1.25 Mtg. Hole)	39-1702	BRUSH SPRING - Brush
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)	41-1104	SEAL - Batt. Term., Marine Applications
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)	41-1300	BOOT - Relay Term. (Rubber)
24-1102	2-GROOVE PULLEY (13mm Belts x 71mm OD)	41-1307	PLUG - Regulator Terminals (Web type)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)	41-1700	SEAL - Regulator Terminals
24-1104	1-GROOVE PULLEY (13mm Belt x 81mm OD)	42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
24-1105	1-GROOVE PULLEY (16mm Belt x 106 OD)	42-1303	INSULATOR - Brush Holder Screw
24-1106	2-GROOVE PULLEY (16mm Belts x 111mm OD)	42-1304	INSULATOR - Relay Term.
24-1109	1-GROOVE PULLEY (13mm Belt x 66mm OD)	46-1100	CAPACITOR (.5mf)
24-1250	6-GROOVE PULLEY (62mm OD)	46-1101	CAPACITOR (1.5mf)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	46-1154	RELAY TERMINAL (Pin Type Post)
24-1257	5-GROOVE PULLEY (54mm OD)	46-1156	BATTERY TERMINAL (12-24)
24-1276	8-GROOVE PULLEY - Used w/ 46-1622 Taper Collar (62mm OD)	46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
25-100	FAN	46-1166	RELAY TERMINAL - Type 116 & 136
25-104	FAN - Type 136	46-1177	RELAY TERMINAL (Universal Design)
27-102	STATOR - 55-72A/12V	46-1252	WIRE LEAD - Rect. to Reg. Stud
27-150	STATOR - 18-37A/12-24V	46-1300	CONNECTOR - Rect. to Relay Term.
28-100	ROTOR - 37-63A	46-1315	CONNECTOR - Ground, Marine Applications
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)	46-1455	COVER - Spark Arresting, Marine Applications
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)	46-1460	CHAFF SHIELD - Agricultural applications
38-104	BRUSH - Ref# R-103	46-1500	BEARING RETAINER - D.E. Frame
38-105	BRUSH - Type 116, 136, Ref# R-117	46-1500-1	BEARING RETAINER - D.E. Frame
38-105-3	BRUSH - Type 116, 136, Ref# R-117	46-1553	SLEEVE - D.E. Frame (Reduces Metric Pivot Hole to 3/8)
39-101	BRUSH HOLDER ASSY.	46-1600	SPACER - Fan (22.23mm OD x 5mm L)
39-101-3	BRUSH HOLDER ASSY.	46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
		46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
		46-1622	TAPER COLLAR - Used w/ 24-1276 Pulley



DELCO 10SI SERIES (cont'd.)

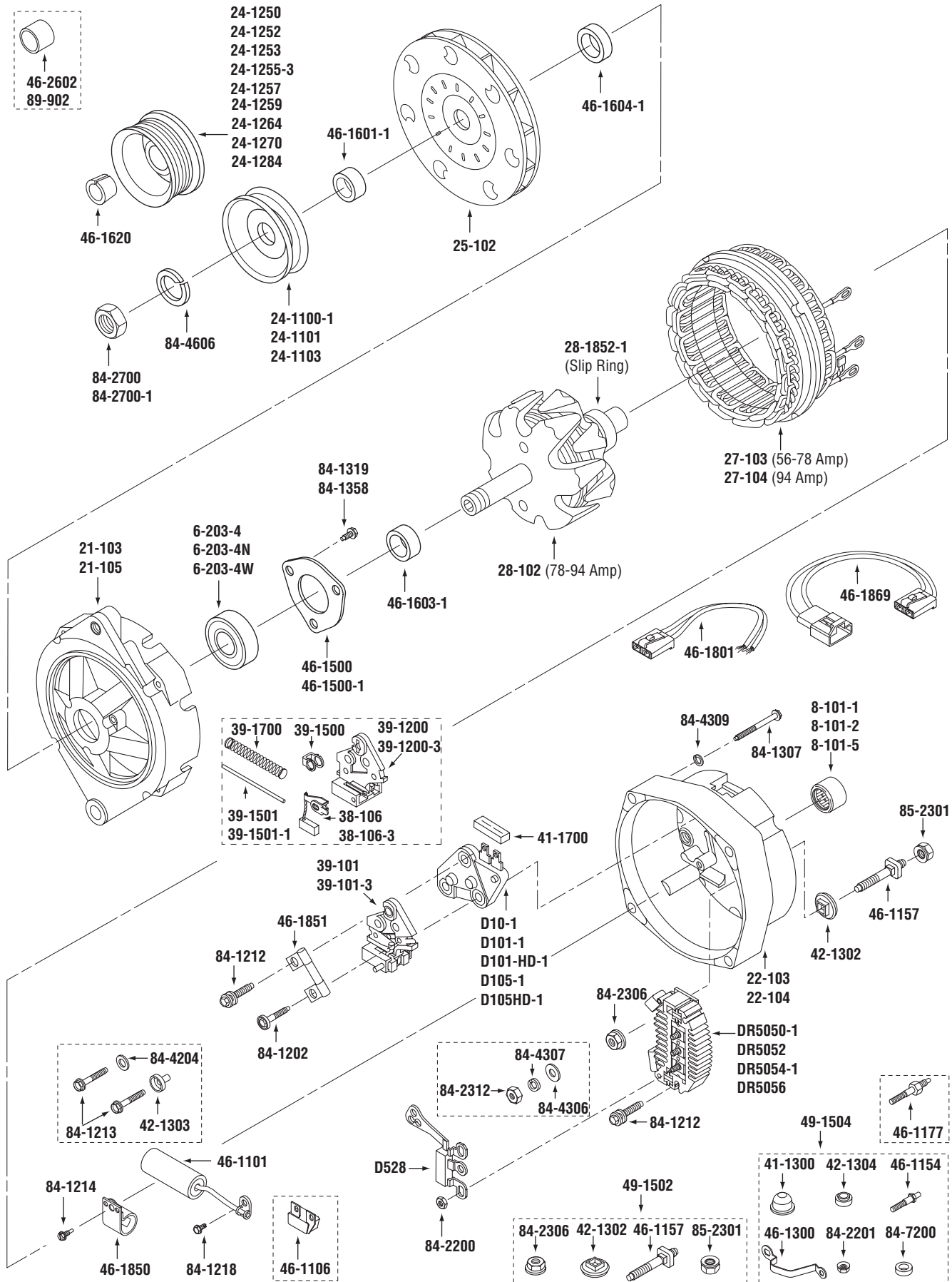
DELCO 10SI SERIES



WAI No.	Description
46-1703	BRACKET - Volt. Adj. Block
46-1801	REPAIR HARNESS - Regulator
46-1805	2-WIRE PLUG CONNECTION - Marine Applications
46-1850	BRACKET - Capacitor
46-1851	RESISTOR (40 Ohm)
46-1853	VOLTAGE ADJUSTMENT BLOCK
46-1860	SPARK ARRESTING SCREEN - Marine Applications
46-1869	PLUG EXTENSION (Additional Clock Positions)
46-1873	PLUG ADAPTER (Anti-feed back harness for AMC)
46-2602	SPACER - Packaging (Metal)
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1503	TERMINAL KIT - Battery (Standard Thd)
49-1504	TERMINAL KIT - Relay
49-1512	GROUND CONNECTOR KIT - Marine Applications
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1206	SCREW - Brush Holder (8-32 x 1-5/16 L, Slotted Binding)
84-1209	SCREW - Volt. Adj. Block (8-32 x 5/8 L, Slotted Hex)
84-1212	SCREW - Rectifier, Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1331	SCREW - Ground (10-32 x 3/8 L, Slotted Hex)
84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
84-1408	SCREW - Adj. Ear (5/16-18 x 1 L, Hex)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4201	LOCK WASHER - Volt. Adj. Block (#8 ID, Split)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
85-1401	BOLT - Adj. Ear (M8 x 1.25 x 25mm L, Hex)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR - 12V (14.8 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D101-1	REGULATOR - 12V (14.8 Vset, 5A Field)
D101HD-1	REGULATOR - 12V (14.8 Vset, 5A Field, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D528	DIODE TRIO (Black Case)
DR5040-1	RECTIFIER (25A Diodes)
DR5042-1	RECTIFIER (50A Diodes)
DR5045	RECTIFIER (Positive Ground)

DELCO 12SI SERIES

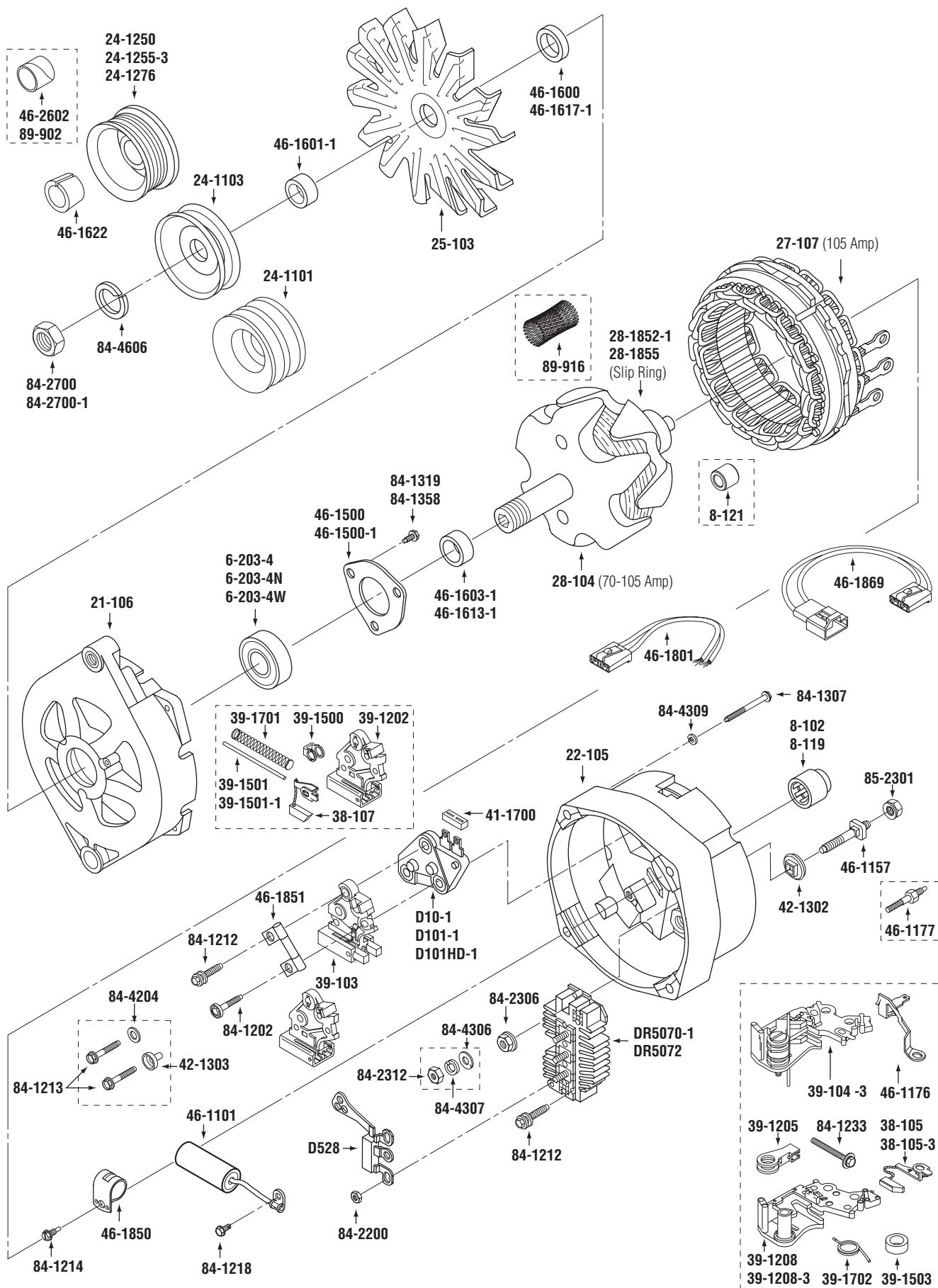
DELCO 12SI SERIES



WAI No.	Description	WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1177	RELAY TERMINAL (Universal Design)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	46-1300	CONNECTOR - Rect. to Relay Term.
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1500	BEARING RETAINER - D.E. Frame
8-101-1	NEEDLE BEARING - S.R.E.	46-1500-1	BEARING RETAINER - D.E. Frame
8-101-2	NEEDLE BEARING - S.R.E.	46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
8-101-5	NEEDLE BEARING - S.R.E.	46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
21-103	D.E. FRAME (Extended Mtg. Foot)	46-1604-1	SPACER - Fan (25.5mm OD x 7mm L)
21-105	D.E. FRAME	46-1620	TAPER COLLAR - Used w/24-1270 Pulley
22-103	S.R.E. FRAME (M8 x 1.25 Mtg. Hole)	46-1801	REPAIR HARNESS - Regulator
22-104	S.R.E. FRAME (M8 x 1.25, M10 x 1.50 Mtg. Holes)	46-1850	BRACKET - Capacitor
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)	46-1851	RESISTOR (40 Ohm)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)	46-1869	PLUG EXTENSION (Additional Clock Positions)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)	46-2602	SPACER - Packaging (Metal)
24-1250	6-GROOVE PULLEY (62mm OD)	49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
24-1252	4-GROOVE PULLEY - 9mm Hub to 1st Groove (57mm OD)	49-1504	TERMINAL KIT - Relay
24-1253	4-GROOVE PULLEY (52mm OD)	84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
24-1257	5-GROOVE PULLEY (54mm OD)	84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
24-1259	5-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)	84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
24-1264	4-GROOVE PULLEY - 10.5mm Hub to 1st Groove (57mm OD)	84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
24-1270	8-GROOVE PULLEY (59mm OD)	84-1307	THRU BOLT (10-24 x 2-1/8 L)
24-1284	5-GROOVE PULLEY - 9.5mm Hub to 1st Groove (64mm OD)	84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
25-102	FAN	84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
27-103	STATOR - 56-78A	84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
27-104	STATOR - 94A	84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
28-102	ROTOR - 78-94A	84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)	84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
38-106	BRUSH - Ref# R-130	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
38-106-3	BRUSH - Ref# R-130	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
39-101	BRUSH HOLDER ASSY.	84-4204	FLAT WASHER - Brush Holder (#8 ID)
39-101-3	BRUSH HOLDER ASSY.	84-4306	FLAT WASHER - Batt. Term. (#12 ID)
39-1200	BRUSH HOLDER (Universal Aftmrkt Design)	84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)	84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
39-1500	CLIP - Brush Holder	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
39-1501	PIN - Brush Holder (Steel)	84-7200	INSULATING WASHER - Relay Term. (#10 ID)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
39-1700	BRUSH SPRING - Brush	89-902	SPACER - Packaging (Cardboard)
41-1300	BOOT - Relay Term. (Rubber)	D10-1	REGULATOR (14.8 Vset)
41-1700	SEAL - Regulator Terminals	D101-1	REGULATOR (14.8 Vset, 5A Field)
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.	D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
42-1303	INSULATOR - Brush Holder Screw	D105-1	REGULATOR (14.8 Vset, 7A Field)
42-1304	INSULATOR - Relay Term.	D105HD-1	REGULATOR (14.8 Vset, 7A Field, Heavy Duty)
46-1101	CAPACITOR (1.5mf)	D528	DIODE TRIO (Black Case)
46-1106	CAPACITOR - Late Style	DR5050-1	RECTIFIER - 56-78A Alts. (25A Diodes)
46-1154	RELAY TERMINAL (Pin Type Post)	DR5052	RECTIFIER - 56-78A Alts. (50A Diodes)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)	DR5054-1	RECTIFIER - 94A Alts. (50A Diodes)
		DR5056	RECTIFIER - 94A Alts. (70A Diodes)

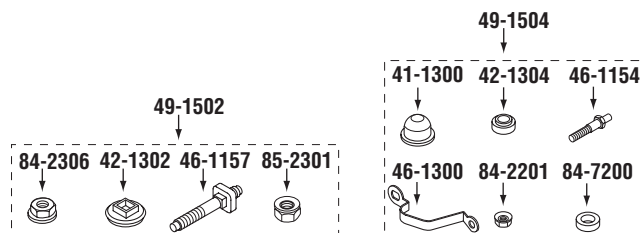
DELCO 15SI SERIES

DELCO 15SI SERIES



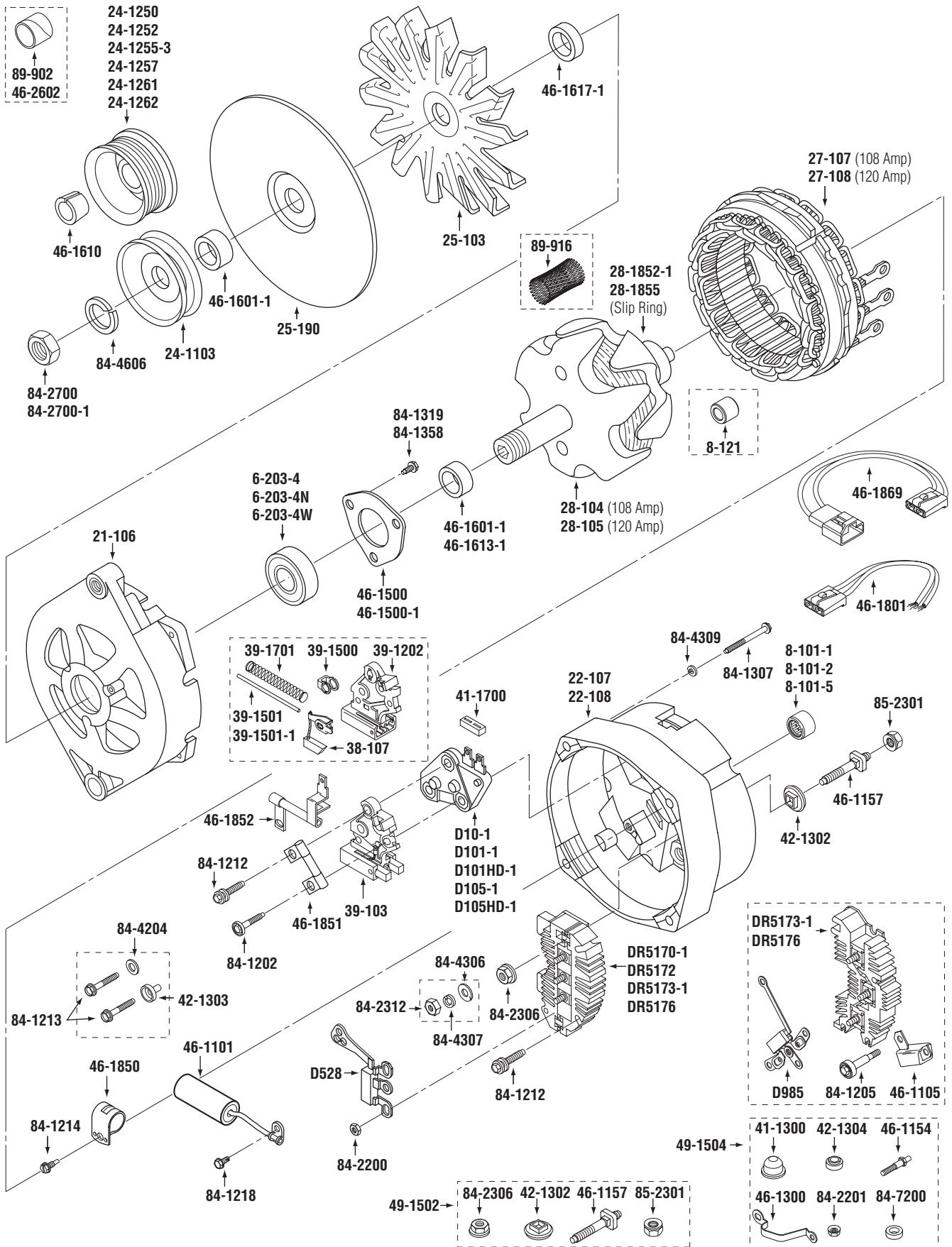
WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-102	NEEDLE BEARING - S.R.E.
8-119	NEEDLE BEARING - S.R.E., Type 116
8-121	INNER RACE - Rotor
21-106	D.E. FRAME
22-105	S.R.E. FRAME - Type 116 (M10 x 1.5 Mtg. Hole)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
24-1250	6-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-1276	8-GROOVE PULLEY - Used w/ 46-1622 Taper Collar (62mm OD)
25-103	FAN
27-107	STATOR - 105A
28-104	ROTOR - 70-105A
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
28-1855	SLIP RING - Rotor (17.3mm ID x 29.3mm OD, Molded Leads)
38-105	BRUSH - Type 116, Ref# R-117
38-105-3	BRUSH - Type 116, Ref# R-117
38-107	BRUSH - Ref# R-119
39-103	BRUSH HOLDER ASSY.
39-104-3	BRUSH HOLDER ASSY. - Type 116
39-1202	BRUSH HOLDER
39-1205	BRUSH ARM
39-1208	BRUSH HOLDER
39-1208-3	BRUSH HOLDER
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1503	SPACER - Brush Holder
39-1701	BRUSH SPRING - Brush
39-1702	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1101	CAPACITOR (1.5mf)
46-1154	RELAY TERMINAL (Pin Type Post)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1176	RELAY TERMINAL
46-1177	RELAY TERMINAL (Universal Design)
46-1300	CONNECTOR - Rect. to Relay Term.
46-1500	BEARING RETAINER - D.E. Frame

WAI No.	Description
46-1500-1	BEARING RETAINER - D.E. Frame
46-1600	SPACER - Fan (22.23mm OD x 5mm L)
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
46-1613-1	SPACER - Rotor (25.5mm OD x 8.5mm L)
46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)
46-1622	TAPER COLLAR - Used w/ 24-1276 Pulley
46-1801	REPAIR HARNESS - Regulator
46-1850	BRACKET - Capacitor
46-1851	RESISTOR (40 Ohm)
46-1869	PLUG EXTENSION (Additional Clock Positions)
46-2602	SPACER - Packaging (Metal)
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1504	TERMINAL KIT - Relay
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR (14.8 Vset)
D101-1	REGULATOR (14.8 Vset, 5A Field)
D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
D528	DIODE TRIO (Black Case)
DR5070-1	RECTIFIER - 70A Alts. (25A Diodes)
DR5072	RECTIFIER - 70-105A Alts. (50A Diodes)



DELCO 17SI SERIES

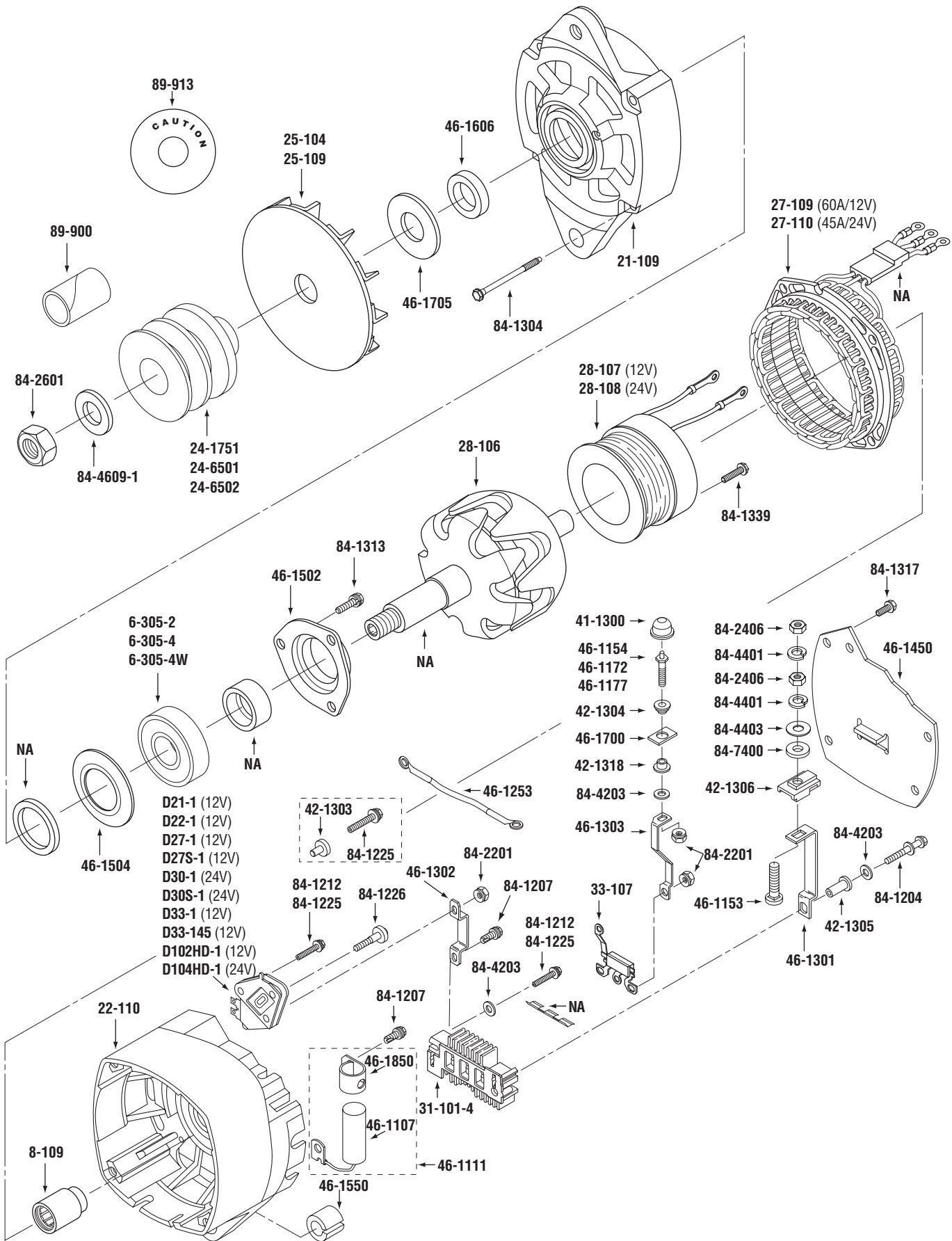
DELCO 17SI SERIES



WAI No.	Description	WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1801	REPAIR HARNESS - Regulator
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	46-1850	BRACKET - Capacitor
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1851	RESISTOR (40 Ohm)
8-101-1	NEEDLE BEARING - S.R.E.	46-1852	RESISTOR & REG. SENSE TERMINAL - 1105491 Alt. (200 Ohm)
8-101-2	NEEDLE BEARING - S.R.E.	46-1869	PLUG EXTENSION (Additional Clock Positions)
8-101-5	NEEDLE BEARING - S.R.E.	46-2602	SPACER - Packaging (Metal)
8-121	INNER RACE - Rotor	49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
21-106	D.E. FRAME	49-1504	TERMINAL KIT - Relay
22-107	S.R.E. FRAME - 120A Alts.	84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
22-108	S.R.E. FRAME - 97-108A Alts..	84-1205	SCREW W/ INSULATOR - Capacitor (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)	84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
24-1250	6-GROOVE PULLEY (62mm OD)	84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
24-1252	4-GROOVE PULLEY (57mm OD)	84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	84-1218	SCREW - Capacitor Lead (8-32 x 3/8 L, Hex)
24-1257	5-GROOVE PULLEY (54mm OD)	84-1307	THRU BOLT (10-24 x 2-1/8 L)
24-1261	6-GROOVE PULLEY (52mm OD)	84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
24-1262	6-GROOVE PULLEY - Used w/ 46-1610 Taper Collar (57mm OD)	84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
25-103	FAN	84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
25-190	BAFFLE - Fan	84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
27-107	STATOR - 108A	84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
27-108	STATOR - 120A	84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
28-104	ROTOR - 108A	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
28-105	ROTOR - 120A	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)	84-4204	FLAT WASHER - Brush Holder (#8 ID)
28-1855	SLIP RING - Rotor (17.3mm ID x 29.3mm OD, Molded Leads)	84-4306	FLAT WASHER - Batt. Term. (#12 ID)
38-107	BRUSH - Ref# R-119	84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
39-103	BRUSH HOLDER ASSY.	84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
39-1202	BRUSH HOLDER	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
39-1500	CLIP - Brush Holder	84-7200	INSULATING WASHER - Relay Term. (#10 ID)
39-1501	PIN - Brush Holder (Steel)	85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	89-902	SPACER - Packaging (Cardboard)
39-1701	BRUSH SPRING - Brush	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
41-1300	BOOT - Relay Term. (Rubber)	D10-1	REGULATOR (14.8 Vset)
41-1700	SEAL - Regulator Terminals	D101-1	REGULATOR (14.8 Vset, 5A Field)
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.	D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
42-1303	INSULATOR - Brush Holder Screw	D105-1	REGULATOR (14.8 Vset, 7A Field)
42-1304	INSULATOR - Relay Term.	D105HD-1	REGULATOR (14.8 Vset, 7A Field, Heavy Duty)
46-1101	CAPACITOR (1.5mf)	D528	DIODE TRIO (Black Case)
46-1105	CAPACITOR - 120A Alts.	D985	DIODE TRIO - 120A Alts. (Black Case)
46-1154	RELAY TERMINAL (Pin Type Post)	DR5170-1	RECTIFIER - 97-108A Alts. (25A Diodes)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)	DR5172	RECTIFIER - 97-108A Alts. (50A Diodes)
46-1300	CONNECTOR - Rect. to Relay Term.	DR5173-1	RECTIFIER - 120A Alts. (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
46-1500	BEARING RETAINER - D.E. Frame	DR5176	RECTIFIER - 120A Alts. (Saw-Fin Heat Sink, 3-Avalanche Diodes)
46-1500-1	BEARING RETAINER - D.E. Frame		
46-1601-1	SPACER - Pulley, Rotor (25.5mm OD x 10mm L)		
46-1610	TAPER COLLAR - Used w/ 24-1262 Pulley		
46-1613-1	SPACER - Rotor (25.5mm OD x 8.5mm L)		
46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)		

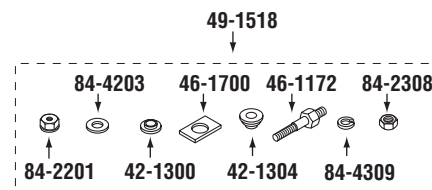
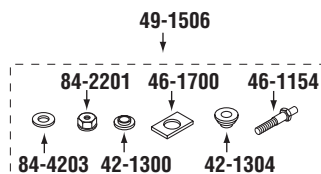
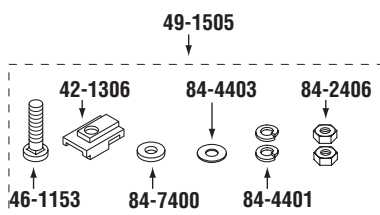
DELCO 20SI SERIES

DELCO 20SI SERIES



WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-109	NEEDLE BEARING
21-109	D.E. FRAME
22-110	RECTIFIER END FRAME
24-1751	7-GROOVE PULLEY (57mm OD)
24-6501	2-GROOVE PULLEY - Caterpillar No. 9S6129 (22mm Belts x 95mm OD w/ Keyway)
24-6502	2-GROOVE PULLEY - Caterpillar No. 5S7609 (16mm Belts x 95mm OD w/ Keyway)
25-104	FAN - Bidirectional (Steel)
25-109	FAN - Bidirectional (Cast Aluminum)
27-109	STATOR - 60A/12V
27-110	STATOR - 45A/24V
28-106	ROTOR
28-107	STATIONARY COIL - 12V
28-108	STATIONARY COIL - 24V
31-101-4	RECTIFIER (50A Diodes, OE Style Heat Sink, Open Base)
33-107	DIODE TRIO
41-1300	BOOT - Relay Term. (Rubber)
42-1300	INSULATOR - Relay Terminal
42-1303	INSULATOR - Regulator Screw
42-1304	INSULATOR - Relay Term.
42-1305	INSULATOR - Rectifier Screw
42-1306	INSULATOR - Batt. Term.
42-1318	INSULATOR - Relay Term.
46-1107	CAPACITOR
46-1111	CAPACITOR (w/ 46-1850 Bracket)
46-1153	BATTERY TERMINAL (1/4-28 x 1-3/16)
46-1154	RELAY TERMINAL (Pin Type Post)
46-1172	RELAY, I-TERMINAL - 1117643, 645 Alts. (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1253	WIRE LEAD - Regulator to I-Term.
46-1301	CONNECTOR - Batt. Term. to Rectifier
46-1302	CONNECTOR - Rect. to Reg. Stud
46-1303	CONNECTOR - Rect. to Relay Term.
46-1450	COVER PLATE
46-1502	BEARING RETAINER - D.E. Frame
46-1504	RETAINER PLATE - D.E. Brg.
46-1550	MOUNTING BUSHING - Rectifier End Frame
46-1606	SPACER - Fan (35.5mm OD x 8mm L)
46-1700	WASHER PLATE - Relay Term.
46-1705	DEBRIS SHIELD - D.E. Bearing

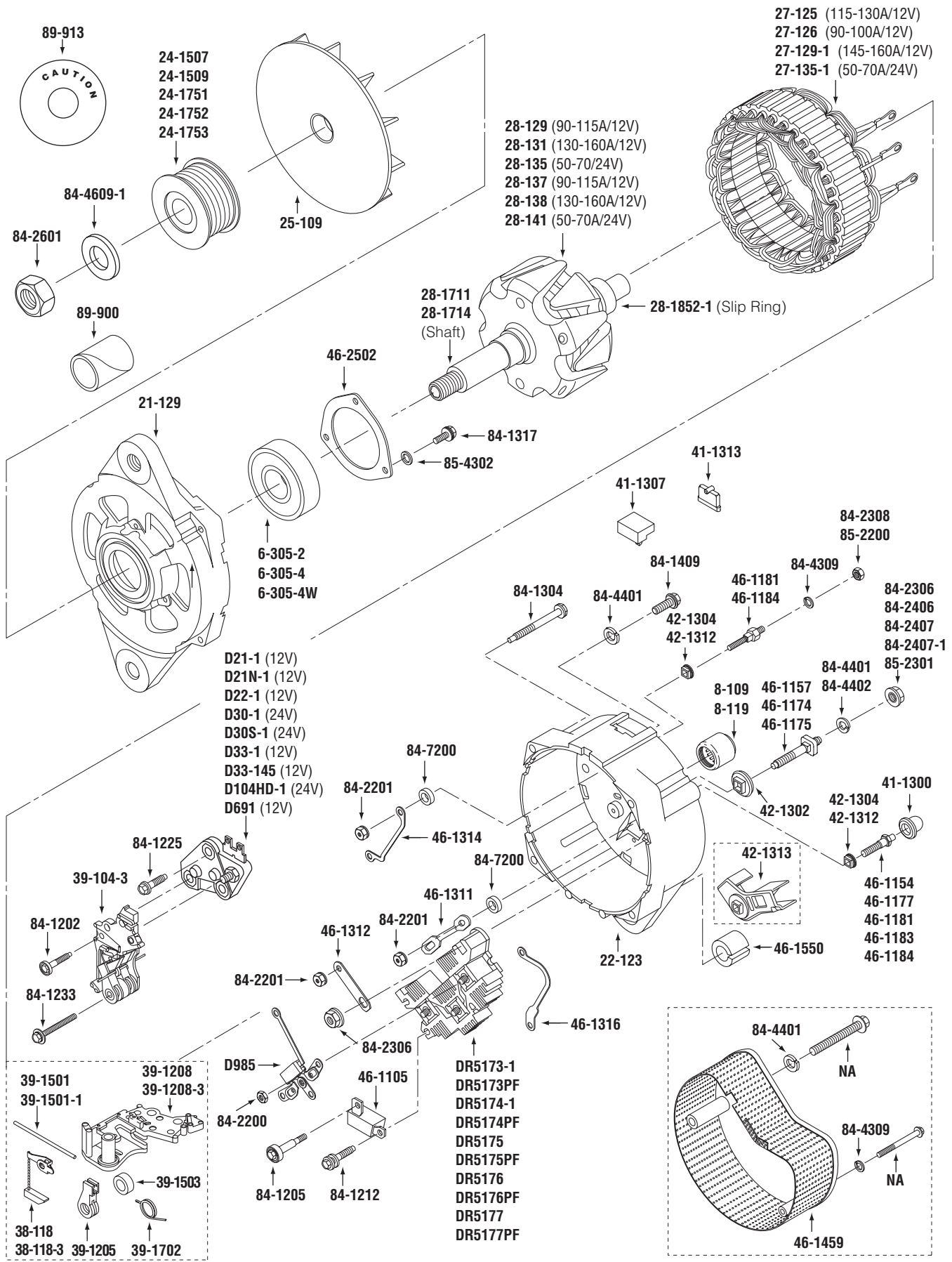
WAI No.	Description
46-1850	BRACKET - Capacitor
49-1505	TERMINAL KIT - Battery
49-1506	TERMINAL KIT - Relay
49-1518	TERMINAL KIT - Relay, 1117643, 645 Alts
84-1204	SCREW - Rectifier (8-32 x 1-5/16 L, Hex, Thd. Form.)
84-1207	SCREW - Rectifier (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1212	SCREW - Rectifier, Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Rectifier, Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1304	THRU BOLT (10-24 x 2-1/2 L)
84-1313	SCREW - Brg. Retainer (10-24 x 3/4 L, Hex, Thd. Form.)
84-1317	SCREW - Cover Plate (10-24 x 1/2 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-2201	HEX NUT - Relay Term., Regulator Stud (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Relay Term. (#8 ID)
84-4309	LOCK WASHER - Relay Term. (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)



DELCO 20SI SERIES

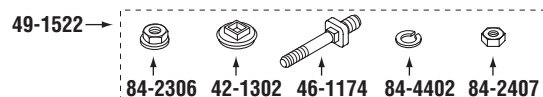
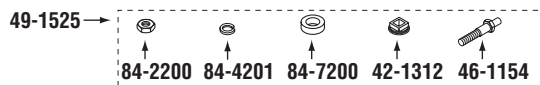
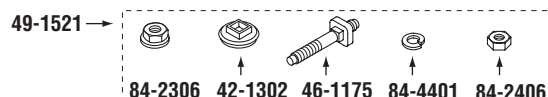
DELCO 21SI SERIES

DELCO 21SI SERIES



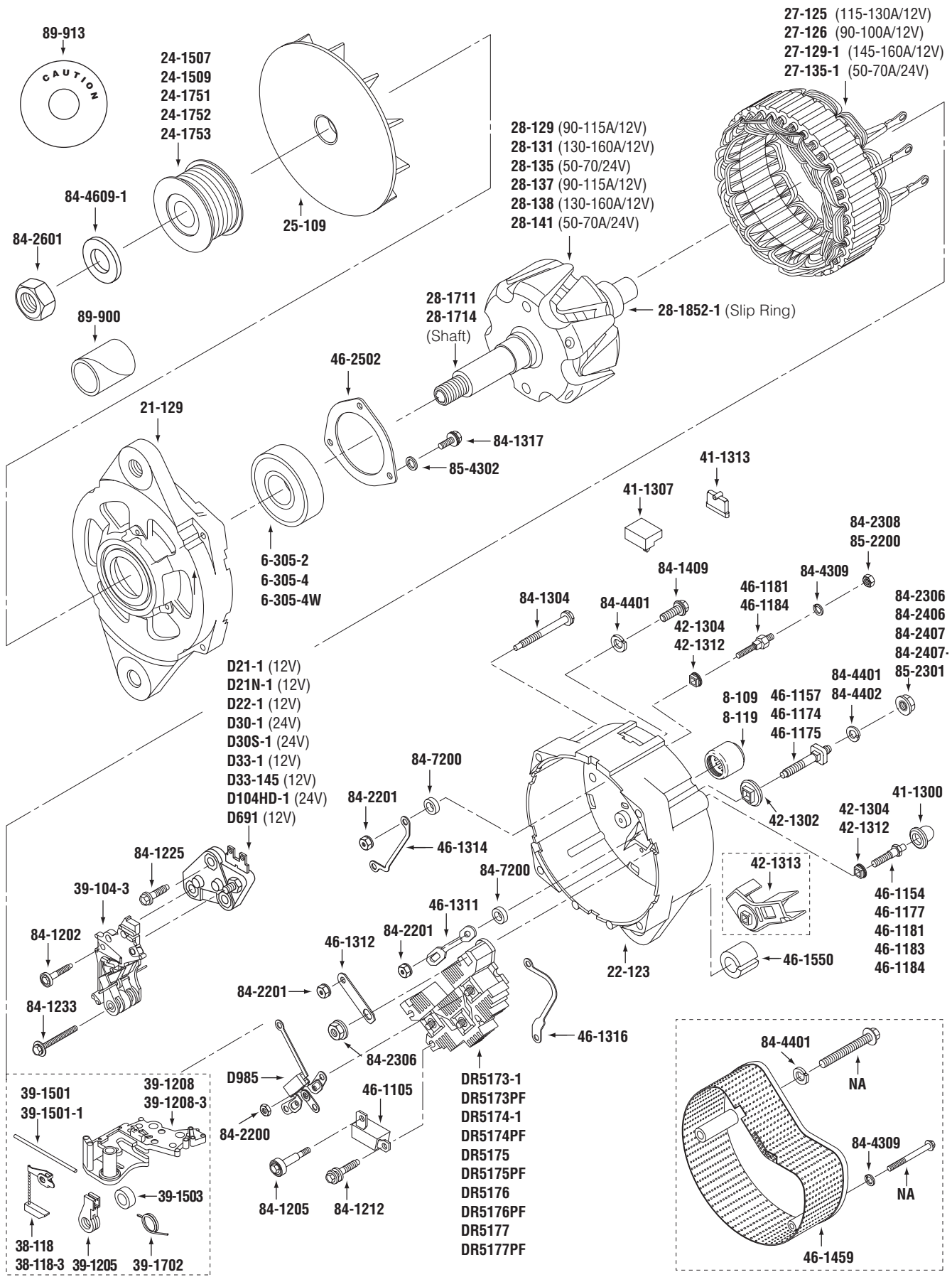
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-109	NEEDLE BEARING - S.R.E. (31.5mm L)
8-119	NEEDLE BEARING - S.R.E. (22mm L)
21-129	D.E. FRAME
22-123	S.R.E. FRAME - Used w/ 8-119 Ndl. Brg. (22mm L)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1509	2-GROOVE PULLEY (13mm Belts x 90mm OD)
24-1751	7-GROOVE PULLEY (57mm OD)
24-1752	8-GROOVE PULLEY (87mm OD)
24-1753	8-GROOVE PULLEY (70mm OD)
25-109	FAN - Bidirectional (Cast Aluminum)
27-125	STATOR - 115-130A/12V
27-126	STATOR - 90-100A/12V
27-129-1	STATOR - 145-160A/12V
27-135-1	STATOR - 50-70A/24V
28-129	ROTOR - 90-115A/12V, used w/ short 8-119 Brg.
28-131	ROTOR - 130-160A/12V, used w/ short 8-119 Brg.
28-135	ROTOR - 50-70A/24V, used w/ short 8-119 Brg.
28-137	ROTOR - 90-115A/12V, used w/ long 8-109 Brg.
28-138	ROTOR - 130-160A/12V, used w/ long 8-109 Brg.
28-141	ROTOR - 50-70A/24V, used w/ long 8-109 Brg.
28-1711	SHAFT - Rotors w/ short 8-119 Brg.
28-1714	SHAFT - Rotors w/ long 8-109 Brg.
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
38-118	BRUSH
38-118-3	BRUSH
39-104-3	BRUSH HOLDER ASSY.
39-1205	BRUSH ARM
39-1208	BRUSH HOLDER
39-1208-3	BRUSH HOLDER
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1503	SPACER - Brush Holder
39-1702	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1307	PLUG - Regulator Terminals (Web type)
41-1313	BOOT - Regulator Terminals
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.
42-1304	INSULATOR - Relay, I-Terminal (Round Hole)
42-1312	INSULATOR - Relay, I-Terminal (Square Hole)

WAI No.	Description
42-1313	INSULATOR - Batt. Term. (w/ Cable Guide)
46-1105	CAPACITOR
46-1154	RELAY TERMINAL (Pin Type Post)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)
46-1174	BATTERY TERMINAL (5/16-18 Ext. Thd.)
46-1175	BATTERY TERMINAL (1/4-28 Ext. Thd.)
46-1177	RELAY TERMINAL (Universal Design)
46-1181	RELAY, I-TERMINAL (M4 x 0.7 Ext. Thd.)
46-1183	RELAY TERMINAL (Universal Design)
46-1184	RELAY, I-TERMINAL (10-24 Ext. Thd.)
46-1311	CONNECTOR - Rect. to Relay in R-Location
46-1312	CONNECTOR - Regulator to Battery Terminal
46-1314	CONNECTOR - Regulator to I-Terminal
46-1316	CONNECTOR - Rect. to Relay in I-Location
46-1459	DEBRIS SHIELD - S.R.E. Frame
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-2502	BEARING RETAINER - D.E. Frame
49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
49-1521	TERMINAL KIT - Battery (1/4-28 Ext. Thd.)
49-1522	TERMINAL KIT - Battery (5/16-18 Ext. Thd.)
49-1523	TERMINAL KIT - Relay (10-24 Ext. Thd.)
49-1524	TERMINAL KIT - Relay, I-Terminal (M4 x 0.7 Ext. Thd.)
49-1525	TERMINAL KIT - Relay (Pin Type Post)
49-1526	TERMINAL KIT - Relay (Universal 10-24 Ext. Thd. & Pin Type Post)
49-1527	TERMINAL KIT - I-Term., w/ Anti-feedback Diode
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1205	SCREW W/ INSULATOR - Rectifier (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
84-1304	THRU BOLT (10-24 x 2-1/2 L)
84-1317	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Form.)
84-1409	SCREW - Ground (1/4-20 x 5/8 L, Hex, Thd. Form.)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay, I-Terminals, Regulator Stud (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)



DELCO 21SI SERIES (cont'd.)

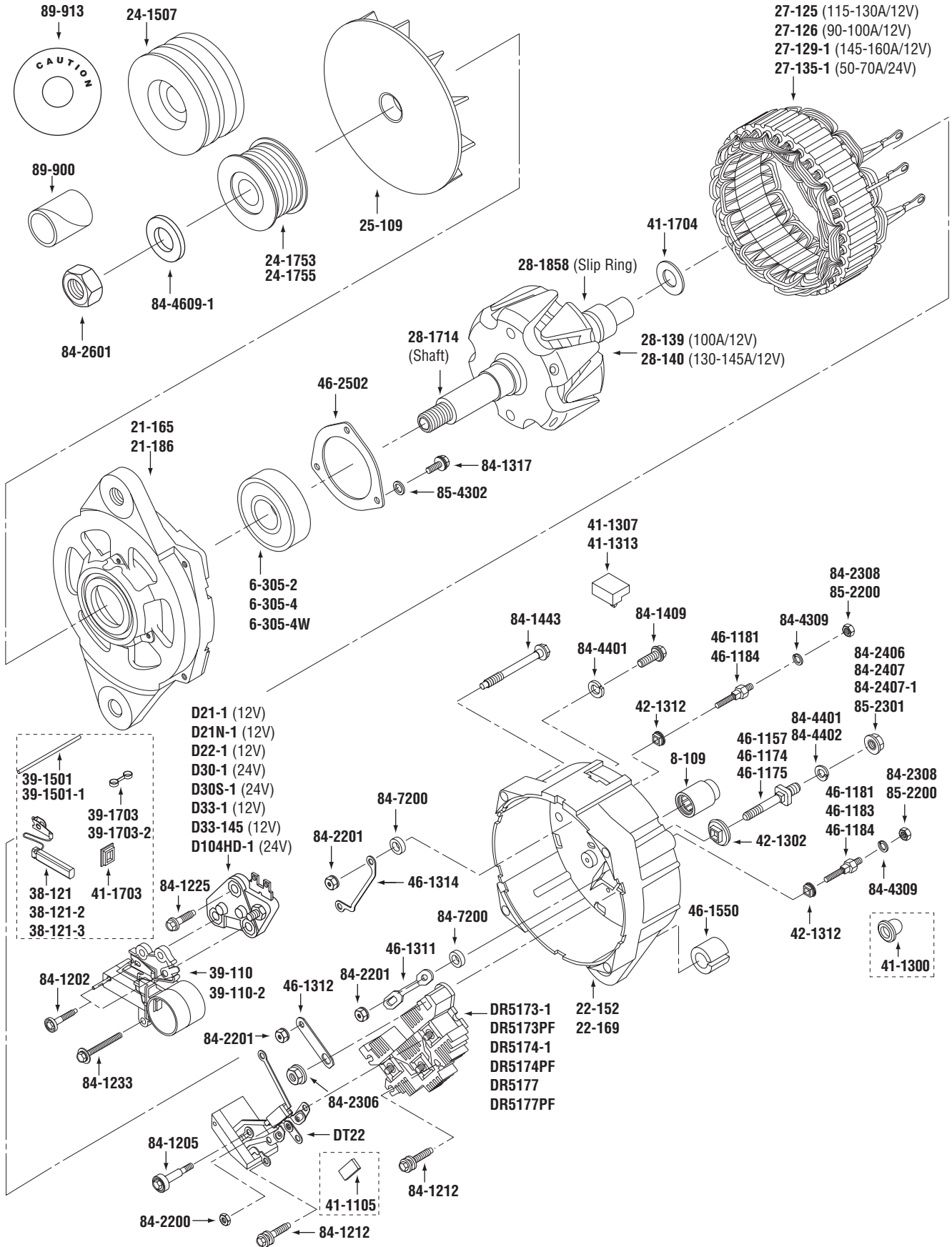
DELCO 21SI SERIES



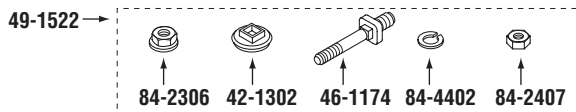
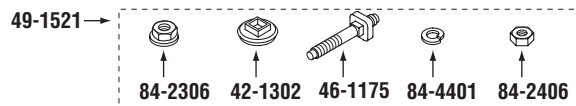
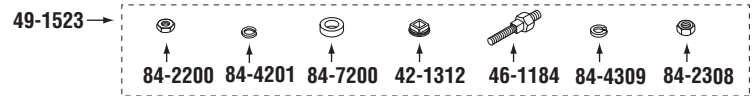
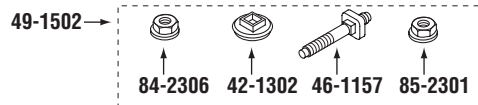
WAI No.	Description
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
84-2407	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 3/16 T, Zinc Plated)
84-2407-1	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 1/4 T, Zinc Plated)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4201	LOCK WASHER - Relay, I-Terminal (#8 ID, Split)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay, I-Terminal (#10 ID)
85-2200	HEX NUT - Relay Term. (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-4302	FLAT WASHER - Bearing Retainer Screw (5mm ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D21N-1	REGULATOR - 12V (wo/ Stud, wo/ Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D691	REGULATOR - 12V (wo/ Stud, wo/ Web Terminals, 14.0 Vset, w/ Temp. Comp.)
D985	DIODE TRIO (Black Case)
DR5173-1	RECTIFIER (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
DR5173PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Non-Avalanche Diodes)
DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
DR5175	RECTIFIER (Wide-Fin Heat Sink, 3-Avalanche Diodes)
DR5175PF	RECTIFIER (Wide-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
DR5176	RECTIFIER (Saw-Fin Heat Sink, 3-Avalanche Diodes)
DR5176PF	RECTIFIER (Saw-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)

DELCO 22SI SERIES

DELCO 22SI SERIES

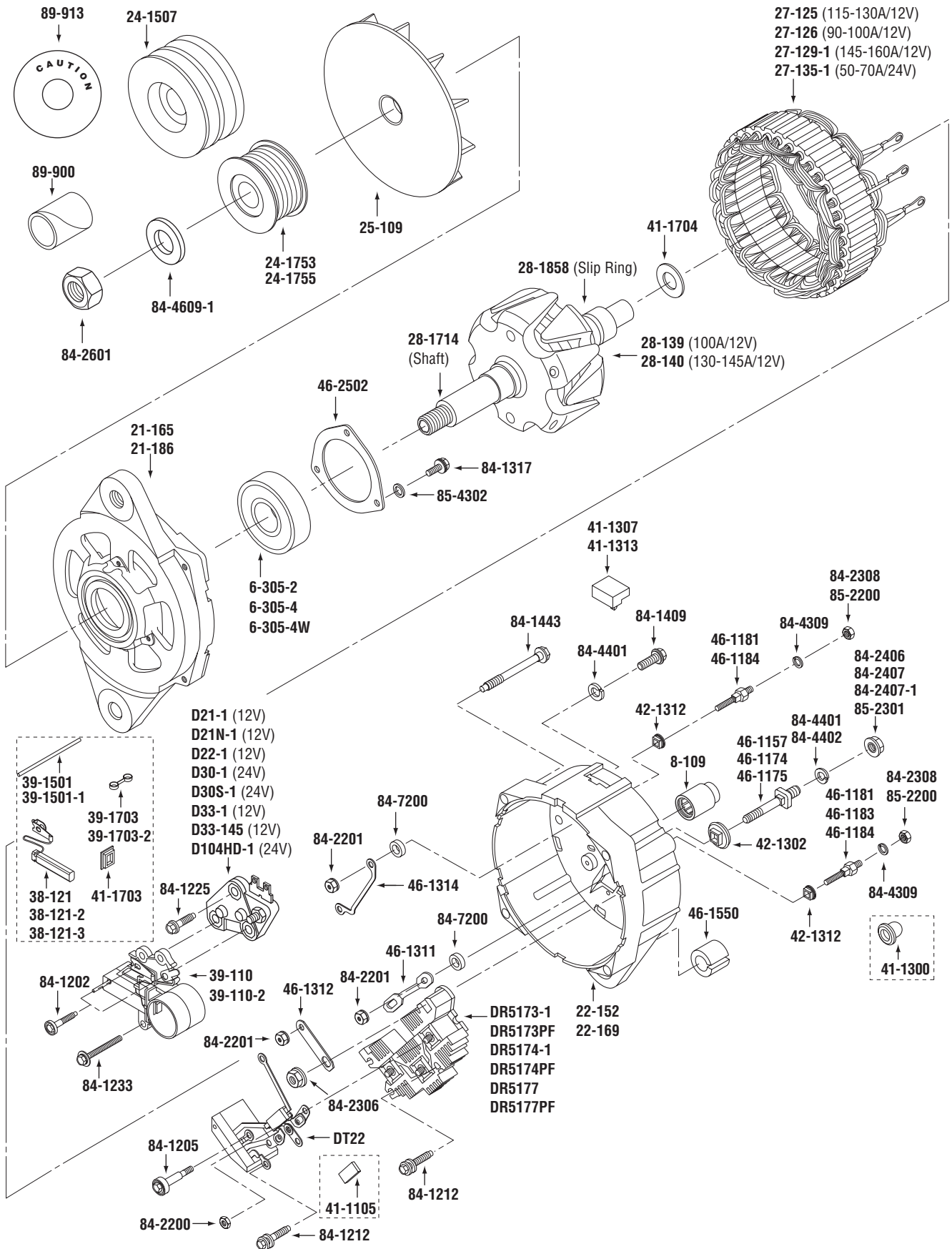


WAI No.	Description	WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)	46-1181	RELAY, I-TERMINAL (M4 x 0.7 Ext. Thd.)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1183	RELAY TERMINAL (Universal Design)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1184	RELAY, I-TERMINAL (10-24 Ext. Thd.)
8-109	NEEDLE BEARING - S.R.E.	46-1311	CONNECTOR - Rectifier to Relay
21-165	D.E. FRAME (12:00, 1/2-13 Mtg. Ear)	46-1312	CONNECTOR - Regulator to Battery Terminal
21-186	D.E. FRAME (Pad Mount)	46-1314	CONNECTOR - Regulator to I-Terminal
22-152	S.R.E. FRAME	46-1550	MOUNTING BUSHING - S.R.E. Frame
22-169	S.R.E. FRAME (Pad Mount)	46-2502	BEARING RETAINER - D.E. Frame
24-1507	2-GROOVE PULLEY (85mm OD)	49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
24-1753	8-GROOVE PULLEY (70mm OD)	49-1521	TERMINAL KIT - Battery (1/4-28 Ext. Thd.)
24-1755	8-GROOVE PULLEY (60mm OD)	49-1522	TERMINAL KIT - Battery (5/16-18 Ext. Thd.)
25-109	FAN - Bidirectional (Cast Aluminum)	49-1523	TERMINAL KIT - Relay (10-24 Ext. Thd.)
27-125	STATOR - 115-130A/12V	49-1524	TERMINAL KIT - Relay, I-Terminal (M4 x 0.7 Ext. Thd.)
27-126	STATOR - 90-100A/12V	49-1526	TERMINAL KIT - Relay (Universal 10-24 Ext. Thd. & Pin Type Post)
27-129-1	STATOR - 145-160A/12V	84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
27-135-1	STATOR - 50-70A/24V	84-1205	SCREW W/ INSULATOR - Rectifier (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
28-139	ROTOR - 100A/12V	84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
28-140	ROTOR - 130-145A/12V	84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
28-1714	SHAFT - Rotor	84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
28-1858	SLIP RING - Rotor	84-1317	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Form.)
38-121	BRUSH (39-110-2 OE Design Brush Holder)	84-1409	SCREW - Ground (1/4-20 x 5/8 L, Hex, Thd. Form.)
38-121-2	BRUSH (39-110 Aftermarket Design Brush Holder)	84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
38-121-3	BRUSH (39-110-2 OE Design Brush Holder)	84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
39-110	BRUSH HOLDER ASSY. (Aftmrkt Design w/ Coil Brush Spring)	84-2201	HEX NUT - Rectifier, Regulator, Relay & I-Terminals (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
39-110-2	BRUSH HOLDER ASSY. (OE Design w/ Roll-out Tension Brush Spring)	84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
39-1501	PIN - Brush Holder (Steel)	84-2308	HEX NUT - Relay, I-Terminal (10-24 x 3/8 F x 1/8 T)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
39-1703	BRUSH SPRING (39-110-2 OE Design Brush Holder)	84-2407	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 3/16 T, Zinc Plated)
39-1703-2	BRUSH SPRING (39-110 Aftermarket Design Brush Holder)	84-2407-1	HEX NUT - Batt. Term. (5/16-18 x 1/2 F x 1/4 T, Zinc Plated)
41-1105	VIBRATION DAMPENERS - Diode Trio	84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
41-1300	BOOT - Relay Term. (Rubber)	84-4201	LOCK WASHER - Relay Terminal (#8 ID, Split)
41-1307	PLUG - Regulator Terminals (Web type)	84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
41-1313	BOOT - Regulator Terminals	84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
41-1703	SEAL - Brush Holder	84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
41-1704	RUBBER WASHER - S.R.E. Bearing	84-4609-1	FLAT WASHER - Pulley (11/16 ID)
42-1302	INSULATOR - Batt. Term.		
42-1312	INSULATOR - Relay, I-Terminal (Square Hole)		
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)		
46-1174	BATTERY TERMINAL (5/16-18 Ext. Thd.)		
46-1175	BATTERY TERMINAL (1/4-28 Ext. Thd.)		



DELCO 22SI SERIES (cont'd.)

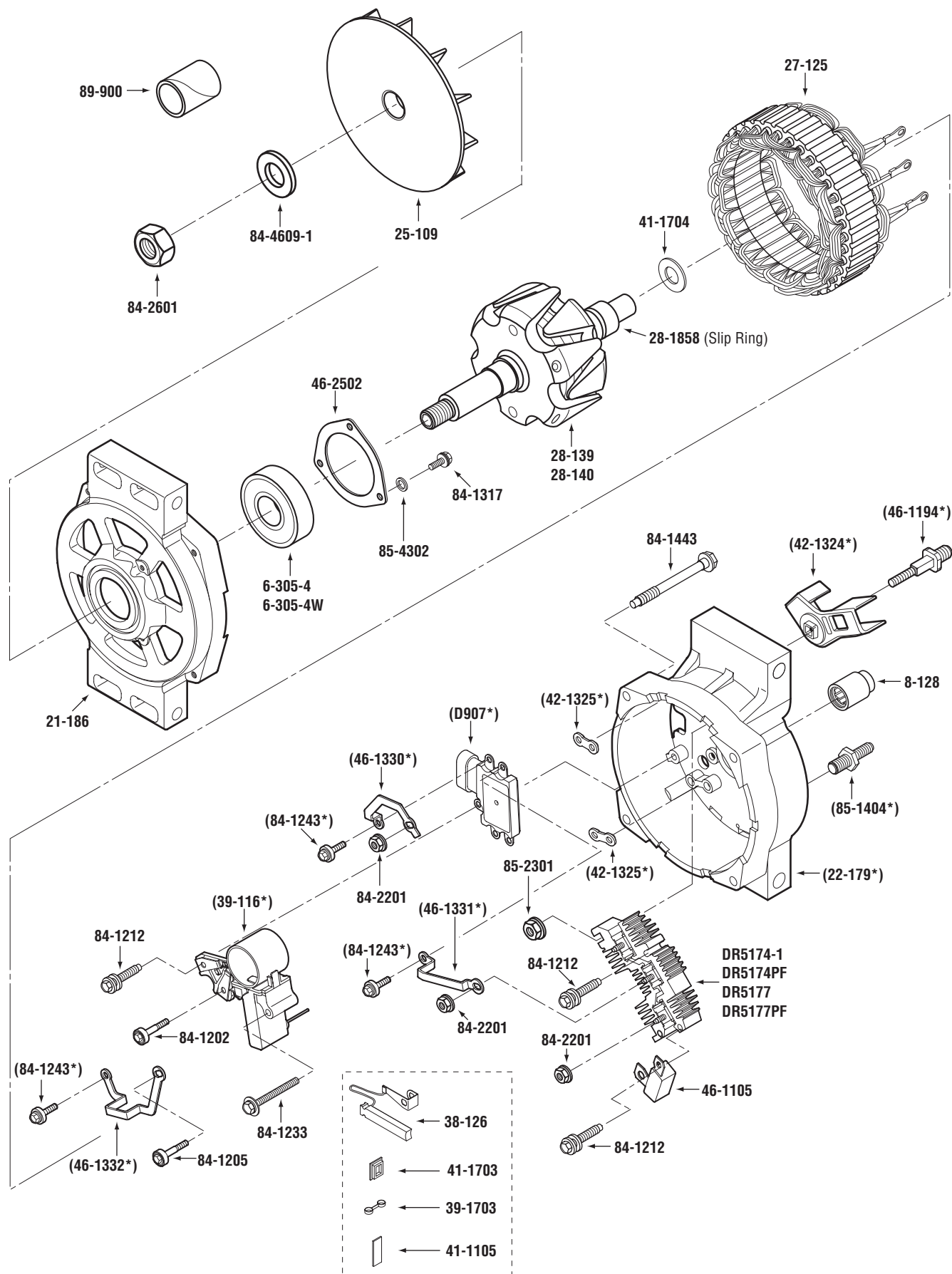
DELCO 22SI SERIES



WAI No.	Description
84-7200	INSULATING WASHER - Relay, I-Terminal (#10 ID)
85-2200	HEX NUT - Relay, I-Terminal (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-4302	FLAT WASHER - Bearing Retainer Screw (5mm ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D21N-1	REGULATOR - 12V (wo/ Stud, wo/ Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
DR5173-1	RECTIFIER (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
DR5173PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Non-Avalanche Diodes)
DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-APress-Fit valanche Diodes)
DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
DT22	DIODE TRIO (w/ Autostart Pkg.)

DELCO 22SI SERIES, OVAL PLUG

DELCO 22SI SERIES, OVAL PLUG



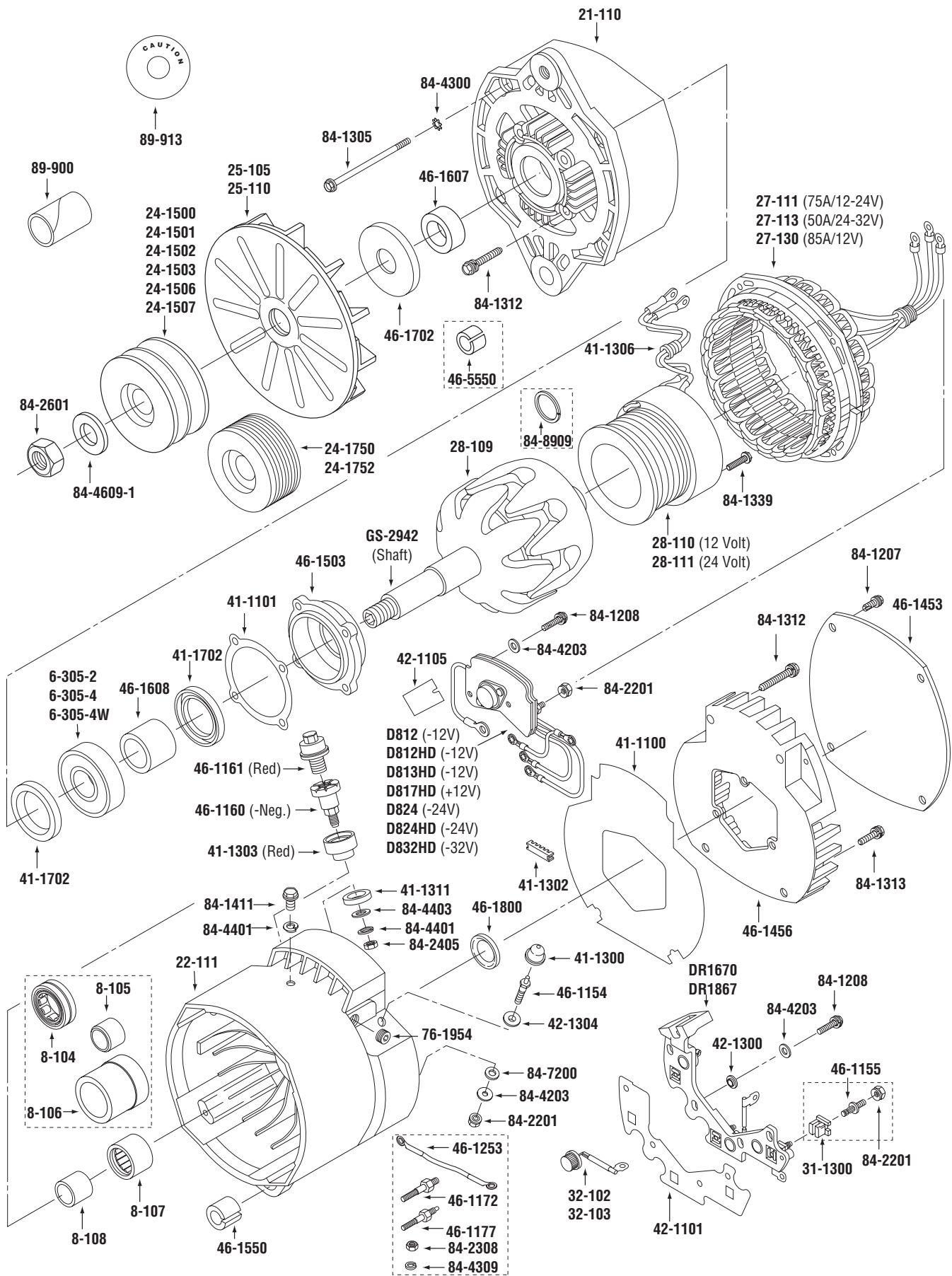
*Under Development

WAI No.	Description
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-128	NEEDLE BEARING - S.R.E.
21-186	D.E. FRAME (Pad Mount)
22-179*	S.R.E. FRAME
25-109	FAN - Bidirectional (Cast Aluminum)
27-125	STATOR - 115-130A/12V
28-139	ROTOR - 100A/12V
28-140	ROTOR - 130-145A/12V
28-1858	SLIP RING - Rotor
38-126	BRUSH
39-116*	BRUSH HOLDER ASSY.
39-1703	BRUSH SPRING
41-1105	VIBRATION DAMPENER - Diode Trio
41-1703	SEAL - Brush Holder
41-1704	RUBBER WASHER - S.R.E. Bearing
42-1324*	INSULATOR - Batt. Term.
42-1325*	INSULATOR - Regulator
46-1105	CAPACITOR
46-1194*	BATTERY TERMINAL (M6 x 1.0 Int., M10 x 1.5 Ext.)
46-1330*	CONNECTOR - Rectifier to Regulator
46-1331*	CONNECTOR - Rectifier to Regulator
46-1332*	CONNECTOR - Rectifier to Regulator
46-2502	BEARING RETAINER - D.E. Frame
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1205	SCREW W/ INSULATOR - Rectifier (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1233	SCREW - Brush Holder (8-32 x 1-1/2 L, Hex, w/ Att. Flat Washer)
84-1243*	SCREW W/ INSULATOR - Regulator (8-32 x 21/32 L, Hex, w/ Att. Washer)
84-1317	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Form.)
85-1404*	GROUND TERMINAL (M10 x 1.5 Int., M8 x 1.25 Ext.)
84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
84-2201	HEX NUT - Rectifier, Regulator (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-4302	FLAT WASHER - Bearing Retainer Screw (5mm ID)
89-900	SPACER - Packaging (Cardboard)
D907*	REGULATOR (12V)
DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)

*Under Development

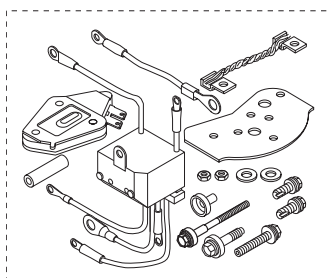
DELCO 25SI SERIES

DELCO 25SI SERIES

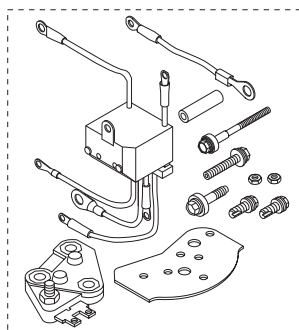


WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-104	OUTER RACE ROLLER BEARING - Early Style (40mm OD)
8-105	INNER RACE - Early Style (17.5mm L)
8-106	BEARING REPAIR SLEEVE
8-107	OUTER RACE ROLLER BEARING - Late Style (30mm OD)
8-108	INNER RACE - Late Style (25.4mm L)
21-110	D.E. FRAME
22-111	RECTIFIER END FRAME (Less Diodes)
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)
24-1501	2-GROOVE PULLEY - Cummins No. 213326 (89mm OD w/ Keyway)
24-1502	2-GROOVE PULLEY - Kenworth No. K187-310 (122mm OD w/ Keyway)
24-1503	1-GROOVE PULLEY - Caterpillar No. 4N8225 (16mm Belt x 105mm OD w/ Keyway)
24-1506	3-GROOVE PULLEY - Mack No. 310GC276 (13mm Belts x 89mm OD w/ Keyway)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1750	9-GROOVE PULLEY - Detroit Dsl. No. 5145471 (72mm OD w/ Keyway)
24-1752	8-GROOVE PULLEY (87mm OD)
25-105	FAN - Early Style (Stamped Steel)
25-110	FAN - Late Style (Cast Aluminum)
27-111	STATOR - 75A/12-24V
27-113	STATOR - 50A/24-32V
27-130	STATOR - 85A/12V
28-109	ROTOR
28-110	STATIONARY COIL - 12V
28-111	STATIONARY COIL - 24V
31-1300	INSULATOR - Rectifier
32-102	NEGATIVE DIODE (35A/100V)
32-103	POSITIVE DIODE (35A/100V)

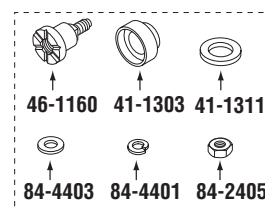
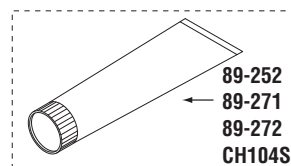
WAI No.	Description
41-1100	GASKET - Rectifier Cover
41-1101	GASKET - Brg. Retainer
41-1300	BOOT - Relay Term. (Rubber)
41-1302	GROMMET - Lead Support (5-Slot)
41-1303	BOOT - Neg. Battery Term. (Red)
41-1306	GROMMET - Stationary Coil Leads
41-1311	INSULATOR - Batt. Term. (9/16 ID)
41-1702	SEAL - D.E. Bearing
42-1101	INSULATOR - Rectifier
42-1105	SUPPORT - Regulator Lead
42-1300	INSULATOR - Rectifier Screw
42-1304	INSULATOR - Relay Term.
46-1154	RELAY TERMINAL (Pin Type Post)
46-1155	STUD - Rectifier
46-1160	OUTPUT TERMINAL - Neg. Grd. (Female)
46-1161	OUTPUT TERMINAL - Neg. Grd. (Red)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1253	WIRE LEAD - Regulator to I-Term.
46-1453	COVER PLATE
46-1456	COVER - Rectifier
46-1503	BEARING RETAINER - D.E. Frame, Early Style used w/ 41-1702 Seal (Cast Iron)
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1607	SPACER - Fan (35mm OD x 13.7mm L)
46-1608	SPACER - Internal, Early Style (35mm OD x 28mm L)
46-1702	DEBRIS SHIELD - D.E. Frame
46-1800	BEARING COVER PLUG - S.R.E. Frame
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
49-1107	REGULATOR CONVERSION KIT - 12V
49-1108	REGULATOR CONVERSION KIT - 24V
49-1118	REPAIR KIT
49-1507	TERMINAL KIT - Battery - Neg. Grd
76-1954	PIPE PLUG - Rectifier End Frame



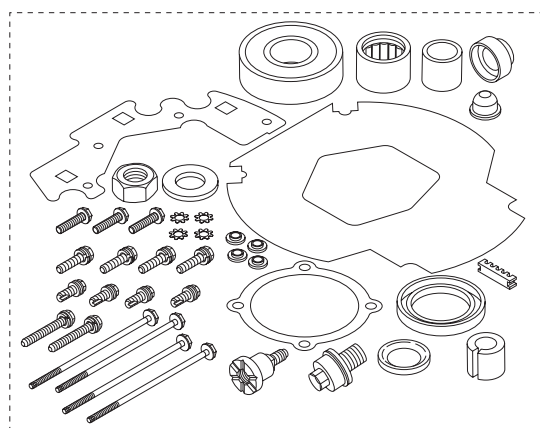
49-1107 (12V)



49-1108 (24V)



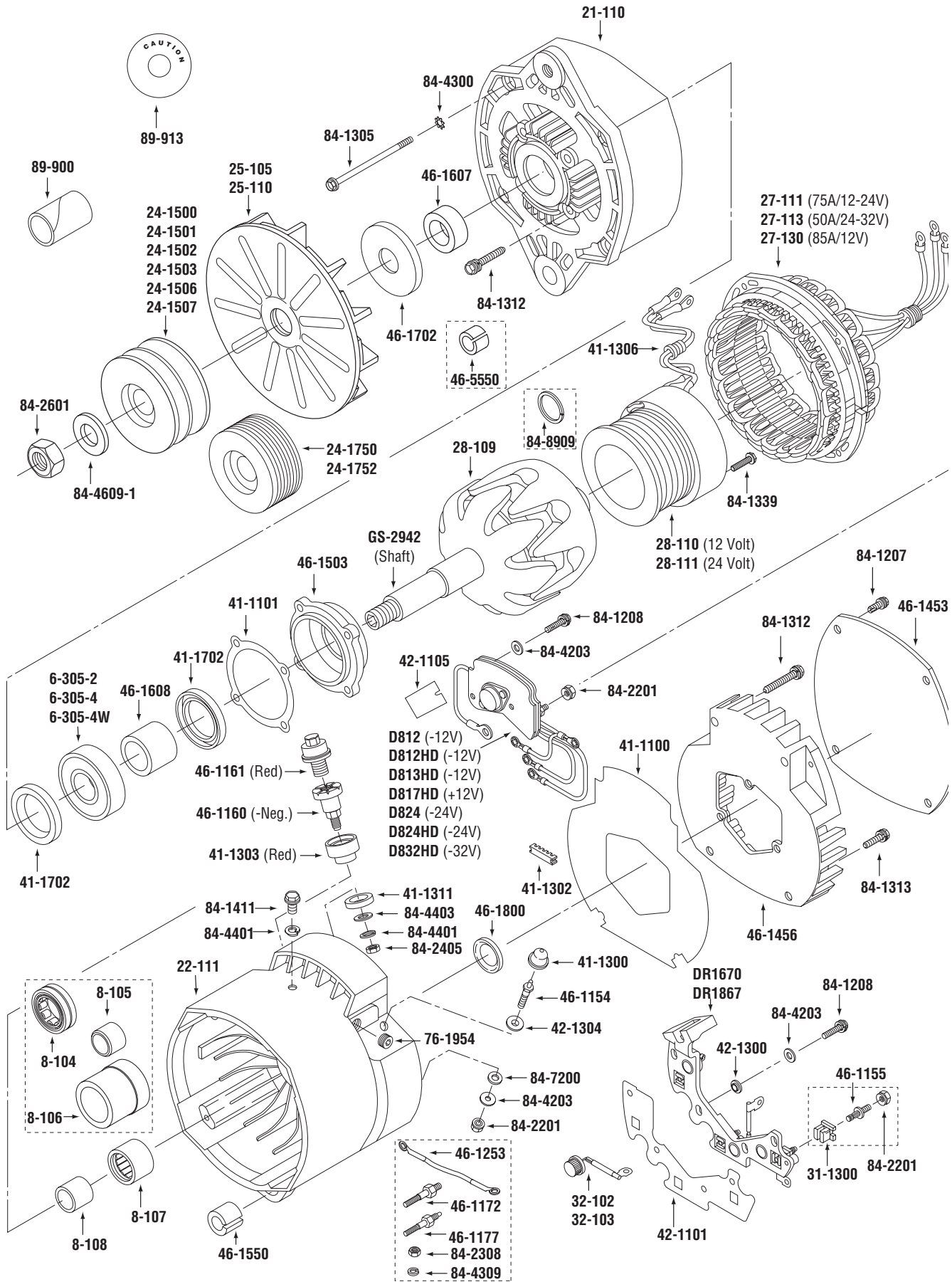
49-1507



49-1118

DELCO 25SI SERIES (cont'd.)

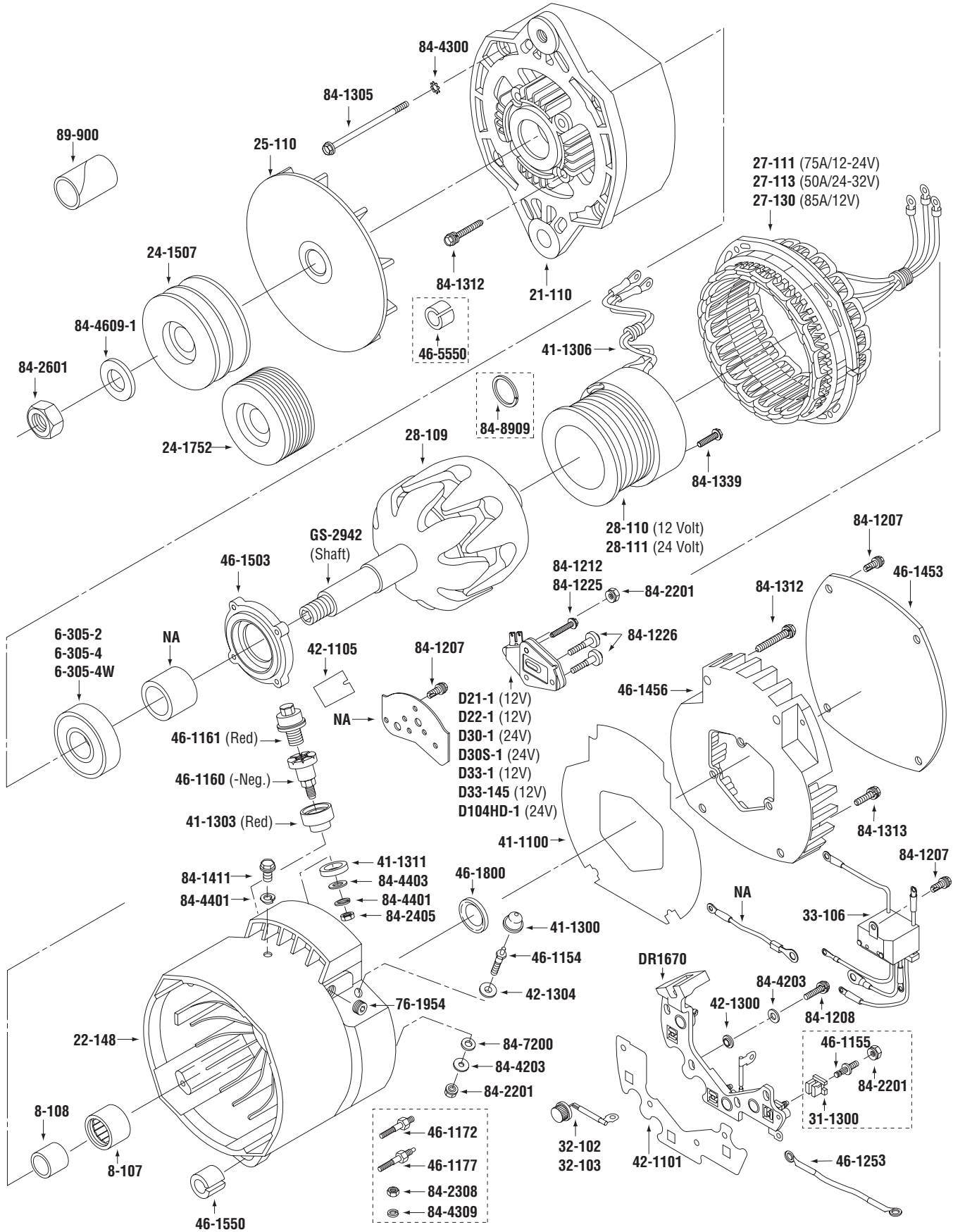
DELCO 25SI SERIES



WAI No.	Description
84-1207	SCREW - Cover Plate (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1208	SCREW - Rectifier, Regulator (8-32 x 3/4 L, Hex, Thd. Form.)
84-1305	THRU BOLT (10-24 x 3-5/8 L)
84-1312	SCREW - Brg. Retainer, Rectifier Cover (10-24 x 1-3/8 L, Hex, Thd. Form.)
84-1313	SCREW - Rectifier Cover (10-24 x 3/4 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
84-2201	HEX NUT - Rectifier, Regulator, Relay & I-Terminals (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay, I-Terminal (10-24 x 3/8 F x 1/8 T)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Regulator, Relay Term. (#8 ID)
84-4300	LOCK WASHER - Thu Bolt (#10 ID, Ext. Tooth)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay Term., Rectifier (#10 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D812	REGULATOR - 12V, Neg. Grd.
D812HD	REGULATOR - 12V, Neg. Grd. (Heavy Duty)
D813HD	REGULATOR - 12V, Neg. Grd. (Heavy Duty)
D817HD	REGULATOR - 12V, Pos. Grd.
D824	REGULATOR - 24V, Neg. Grd.
D824HD	REGULATOR - 24V, Neg. Grd. (Heavy Duty)
D832HD	REGULATOR - 32V, Neg. Grd.
DR1670	POSITIVE RECTIFIER - Neg. Grd. Alts.
DR1867	NEGATIVE RECTIFIER - Pos. Grd. Alts.
GS-2942	SHAFT - Rotor

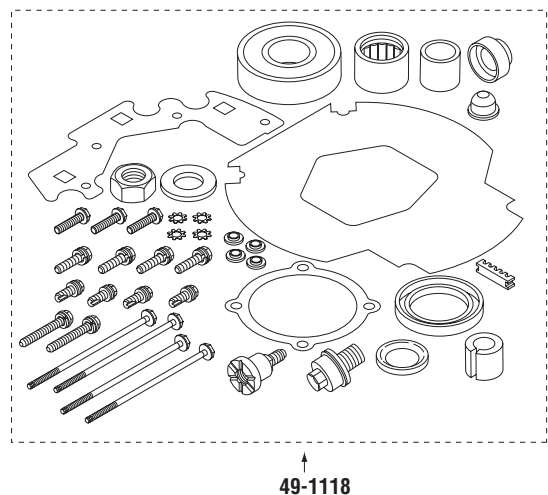
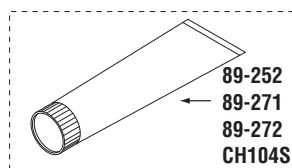
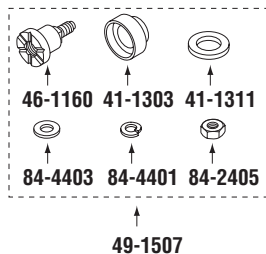
DELCO 26SI SERIES

DELCO 26SI SERIES



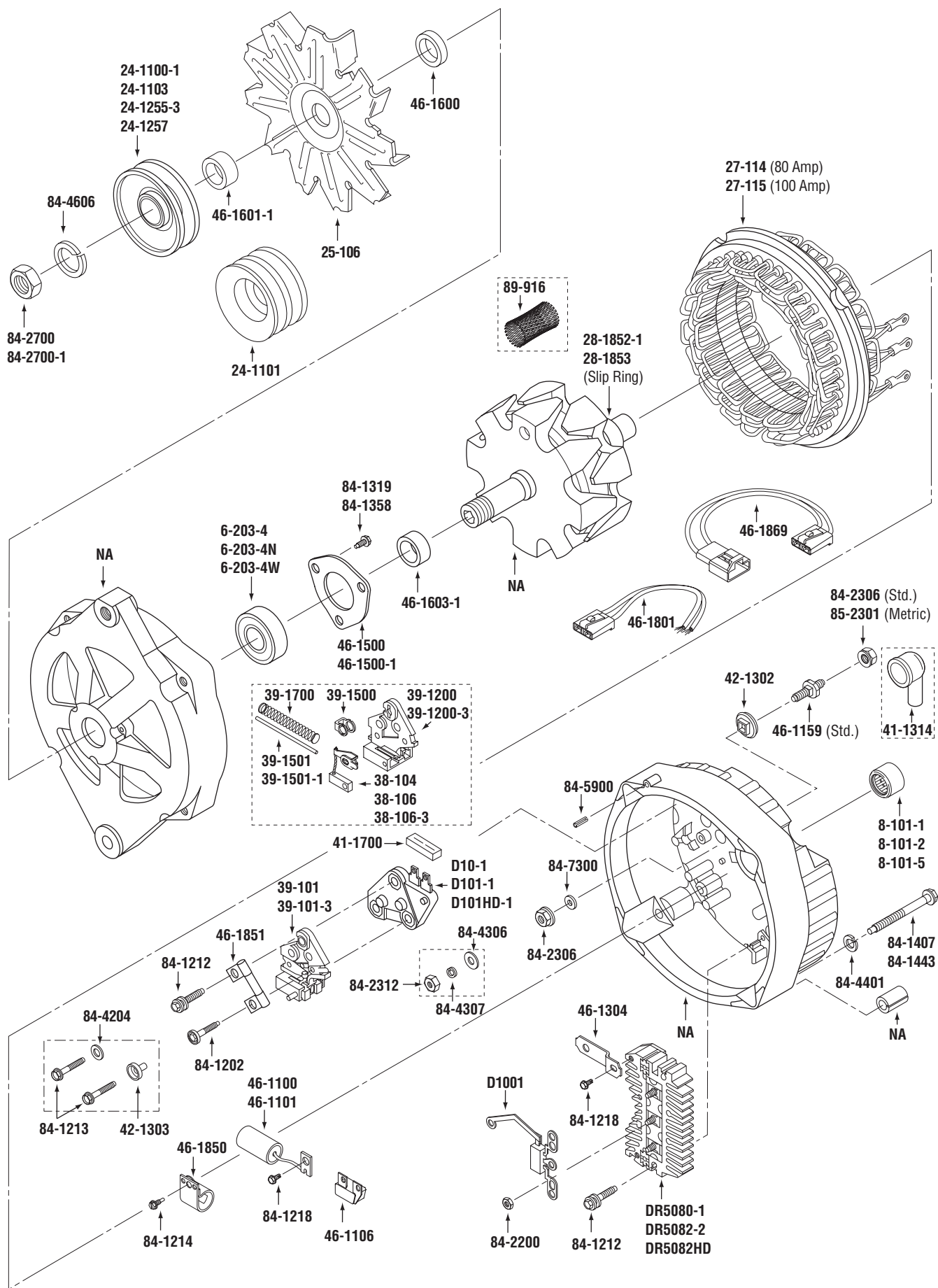
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-107	OUTER RACE ROLLER BEARING
8-108	INNER RACE
21-110	D.E. FRAME
22-148	RECTIFIER END FRAME (Less Diodes)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1752	8-GROOVE PULLEY (87mm OD)
25-110	FAN
27-111	STATOR - 75A/12-24V
27-113	STATOR - 50A/24-32V
27-130	STATOR - 85A/12V
28-109	ROTOR
28-110	STATIONARY COIL - 12V
28-111	STATIONARY COIL - 24V
31-1300	INSULATOR - Rectifier
32-102	NEGATIVE DIODE (35A/100V)
32-103	POSITIVE DIODE (35A/100V)
33-106	DIODE TRIO
41-1100	GASKET - Rectifier Cover
41-1300	BOOT - Relay Term. (Rubber)
41-1303	BOOT - Batt. Term. (Red)
41-1306	GROMMET - Stationary Coil Leads
41-1311	INSULATOR - Batt. Term. (9/16 ID)
42-1101	INSULATOR - Rectifier
42-1105	SUPPORT - Regulator Lead
42-1300	INSULATOR - Rectifier Screw
42-1304	INSULATOR - Relay Term.
46-1154	RELAY TERMINAL (Pin Type Post)
46-1155	STUD - Rectifier
46-1160	OUTPUT TERMINAL (Female)
46-1161	OUTPUT TERMINAL (Red)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1253	WIRE LEAD - Regulator to I-Term.
46-1453	COVER PLATE
46-1456	COVER - Rectifier
46-1503	BEARING RETAINER (Cast Iron)
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1800	BEARING COVER PLUG - S.R.E. Frame
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
49-1118	REPAIR KIT
49-1507	TERMINAL KIT - Battery
76-1954	PIPE PLUG - Rectifier End Frame

WAI No.	Description
84-1207	SCREW - Cover Plate, Diode Trio, Regulator (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1208	SCREW - Rectifier (8-32 x 3/4 L, Hex, Thd. Form.)
84-1212	SCREW - Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1305	THRU BOLT (10-24 x 3-5/8 L)
84-1312	SCREW - Brg. Retainer, Rectifier Cover (10-24 x 1-3/8 L, Hex, Thd. Form.)
84-1313	SCREW - Rectifier Cover (10-24 x 3/4 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
84-2201	HEX NUT - Rectifier, Regulator, Relay & I-Terminals (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2405	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 7/32 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Relay Term. (#8 ID)
84-4300	LOCK WASHER - Thu Bolt (#10 ID, Ext. Tooth)
84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay Term., Rectifier (#10 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-900	SPACER - Packaging (Cardboard)
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
DR1670	POSITIVE RECTIFIER - Neg. Grd. Alts.
GS-2942	SHAFT - Rotor

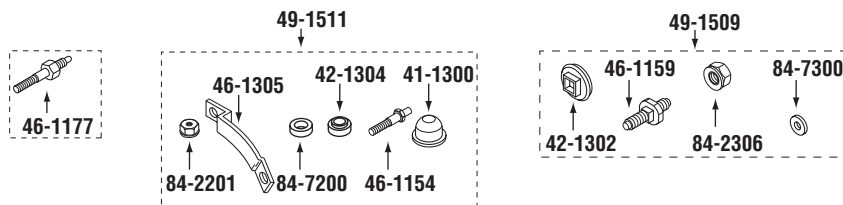


DELCO 27SI/TYPE 100 SERIES

DELCO 27SI/TYPE 100 SERIES

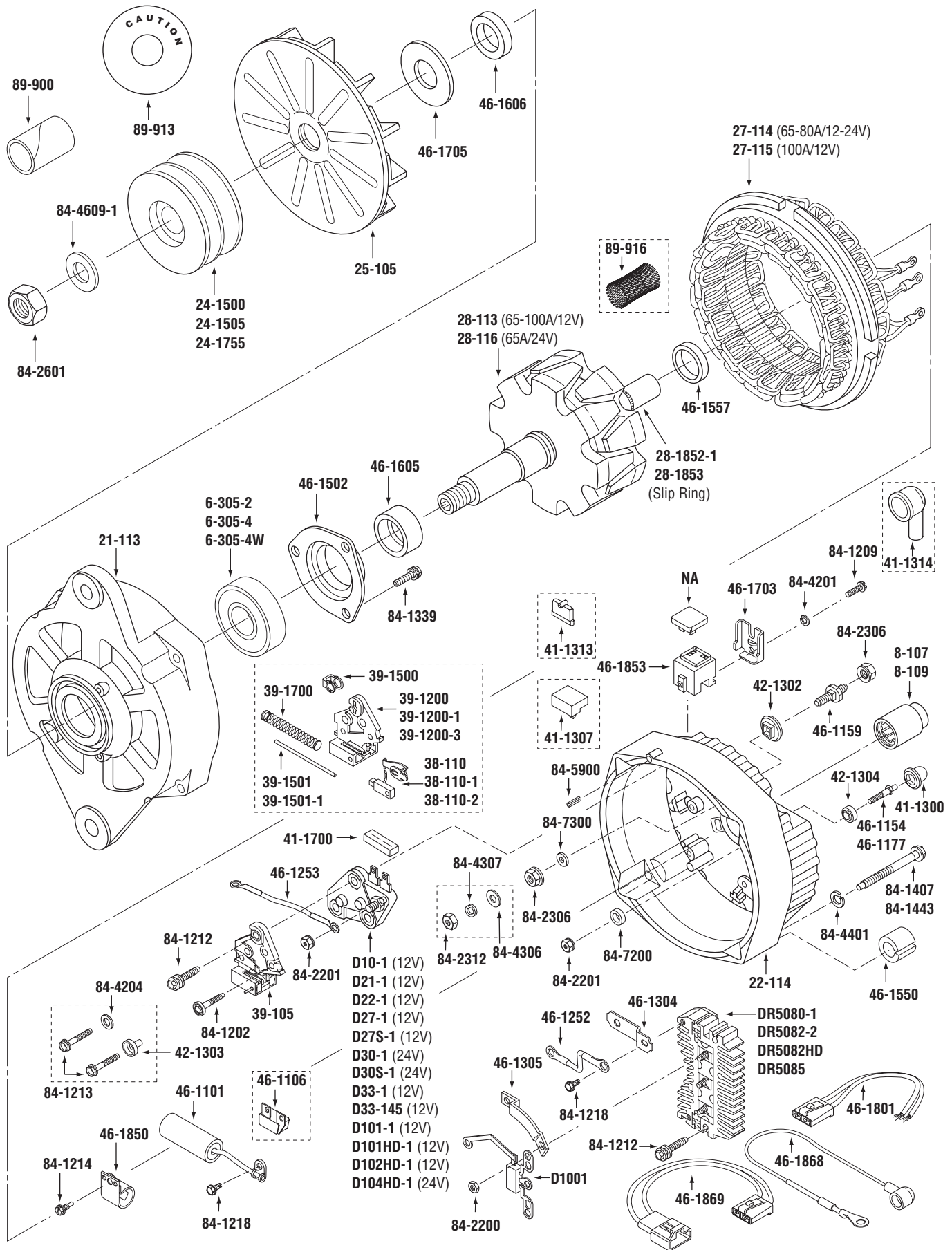


WAI No.	Description	WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	46-1603-1	SPACER - Rotor (22.23mm OD x 9.5mm L)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1801	REPAIR HARNESS - Regulator
8-101-1	NEEDLE BEARING - S.R.E.	46-1850	BRACKET - Capacitor
8-101-2	NEEDLE BEARING - S.R.E.	46-1851	RESISTOR (40 Ohm)
8-101-5	NEEDLE BEARING - S.R.E.	46-1869	PLUG EXTENSION (Additional Clock Positions)
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)	49-1509	TERMINAL KIT - Battery (Std. Thd.)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)	49-1511	TERMINAL KIT - Relay
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)	84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
24-1257	5-GROOVE PULLEY (54mm OD)	84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
25-106	FAN	84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
27-114	STATOR - 80A/12V	84-1218	SCREW - Capacitor Lead, Rectifier (8-32 x 3/8 L, Hex)
27-115	STATOR - 100A/12V	84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)	84-1358	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex, Thd. Cut.)
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)	84-1407	THRU BOLT (1/4-20 x 2-1/2 L)
38-104	BRUSH - Ref# R-103 (1/2 L)	84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
38-106	BRUSH - Ref# R-130 (5/8 L)	84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
38-106-3	BRUSH - Ref# R-130 (5/8 L)	84-2201	HEX NUT - Relay Term. (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
39-101	BRUSH HOLDER ASSY.	84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
39-101-3	BRUSH HOLDER ASSY.	84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
39-1200	BRUSH HOLDER (Universal Aftmrkt Design)	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
39-1500	CLIP - Brush Holder	84-4204	FLAT WASHER - Brush Holder (#8 ID)
39-1501	PIN - Brush Holder (Steel)	84-4306	FLAT WASHER - Batt. Term. (#12 ID)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
39-1700	BRUSH SPRING - Brush	84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
41-1300	BOOT - Relay Term. (Rubber)	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
41-1314	BOOT - Battery Terminal (Rubber)	84-5900	SPLIT ROLL PIN - S.R.E. Frame (.133 OD x 1/2 L)
41-1700	SEAL - Regulator Terminals	84-7200	INSULATING WASHER - Relay Term. (#10 ID)
42-1302	INSULATOR - Batt. Term.	84-7300	INSULATING WASHER - Batt. Term. (#12 ID)
42-1303	INSULATOR - Brush Holder Screw	85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
42-1304	INSULATOR - Relay Term.	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
46-1100	CAPACITOR (.5mf)	D10-1	REGULATOR (14.8 Vset)
46-1101	CAPACITOR (1.5mf)	D101-1	REGULATOR (14.8 Vset, 5A Field)
46-1106	CAPACITOR - Late Style	D101HD-1	REGULATOR (14.8 Vset, 5A Field, Heavy Duty)
46-1154	RELAY TERMINAL (Pin Type Post)	D1001	DIODE TRIO
46-1159	BATTERY TERMINAL (12-24 Int., 12-24 Ext.)	DR5080-1	RECTIFIER (25A Diodes)
46-1177	RELAY TERMINAL (Universal Design)	DR5082-2	RECTIFIER (50A Diodes)
46-1304	CONNECTOR - Batt. Term. to Rectifier	DR5082HD	RECTIFIER (70A Diodes, Vibration Protected)
46-1305	CONNECTOR - Rect. to Relay Term.		
46-1500	BEARING RETAINER - D.E. Frame		
46-1500-1	BEARING RETAINER - D.E. Frame		
46-1600	SPACER - Fan (22.23mm OD x 5mm L)		



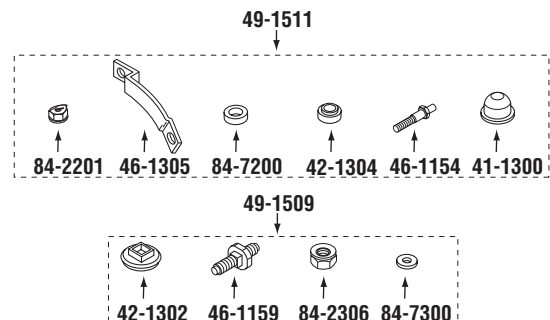
DELCO 27SI/TYPE 200 SERIES

DELCO 27SI/TYPE 200 SERIES



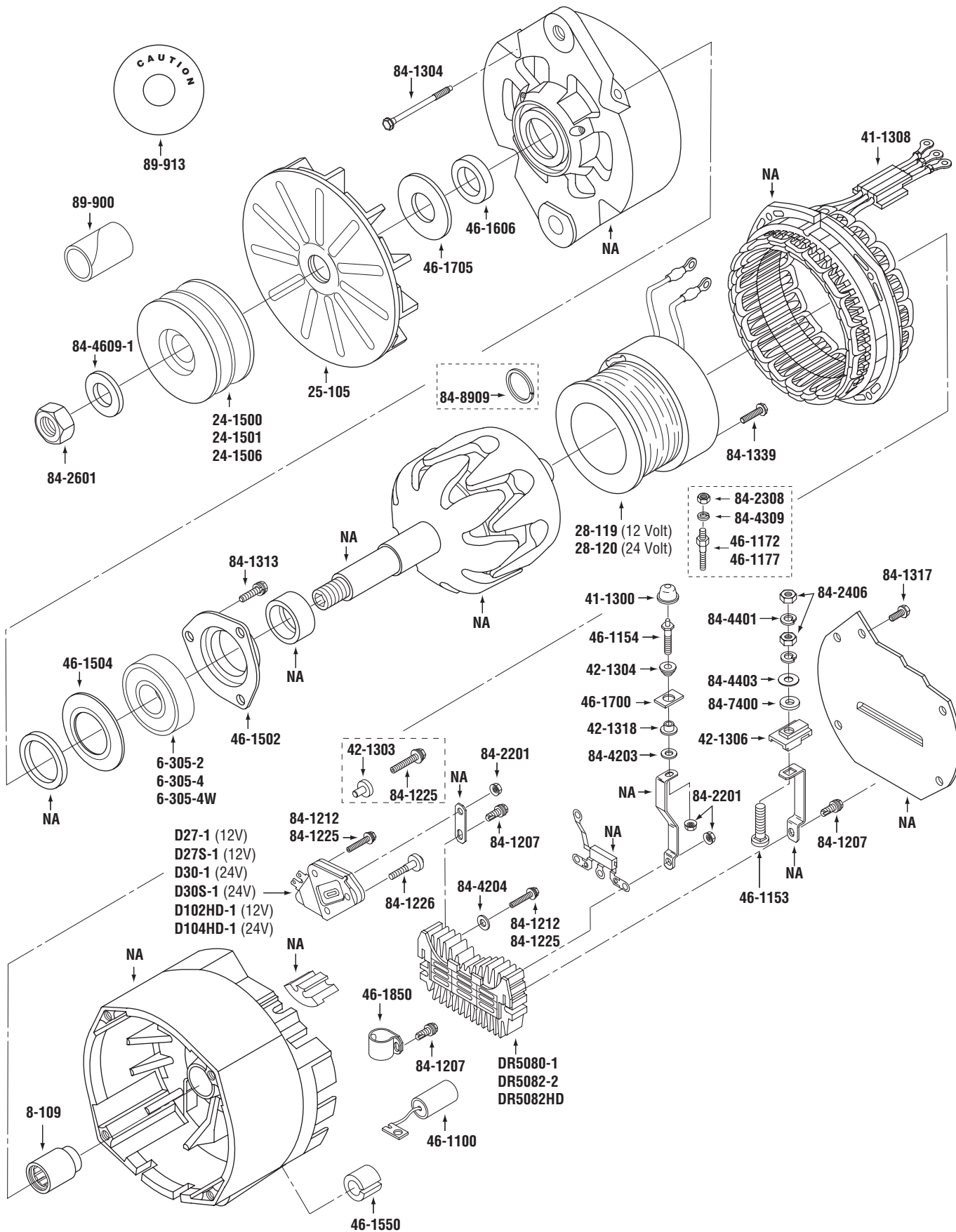
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-107	OUTER RACE ROLLER BEARING - S.R.E., Type 205 w/ Ext. Shaft
8-109	NEEDLE BEARING - S.R.E.
21-113	D.E. FRAME
22-114	S.R.E. FRAME - Type 200
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)
24-1505	3-GROOVE PULLEY (13mm Belts x 73mm OD)
24-1755	8-GROOVE PULLEY (60mm OD)
25-105	FAN
27-114	STATOR - 65-80A/12-24V
27-115	STATOR - 100A/12V
28-113	ROTOR - Type 200, 65-100A/12V
28-116	ROTOR - 65A/24V
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)
28-1853	SLIP RING - Rotor (18.3mm ID x 30mm OD)
38-110	BRUSH - Ref# R-106
38-110-1	BRUSH - Agricultural Applications (Higher Copper Content)
38-110-2	BRUSH - Used in 10SI Brush Holder for 27SI/Type 200 Alts.
39-105	BRUSH HOLDER ASSY.
39-1200	BRUSH HOLDER (Universal Aftmrkt Design)
39-1200-1	BRUSH HOLDER (OE Design)
39-1200-3	BRUSH HOLDER (Universal Aftmrkt Design)
39-1500	CLIP - Brush Holder
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-1700	BRUSH SPRING - Brush
41-1300	BOOT - Relay Term. (Rubber)
41-1307	PLUG - Regulator Terminals (Web type)
41-1313	BOOT - Regulator Terminals
41-1314	BOOT - Battery Terminal (Rubber)
41-1700	SEAL - Regulator Terminals
42-1302	INSULATOR - Batt. Term.
42-1303	INSULATOR - Brush Holder Screw
42-1304	INSULATOR - Relay Term.
46-1101	CAPACITOR (1.5mf)
46-1106	CAPACITOR - Late Style
46-1154	RELAY TERMINAL (Pin Type Post)
46-1159	BATTERY TERMINAL (12-24 Int., 12-24 Ext.)
46-1177	RELAY TERMINAL (Universal Design)
46-1252	WIRE LEAD - Rect. to Reg. Stud, Neg. Grd.
46-1253	WIRE LEAD - Regulator to I-Term.
46-1304	CONNECTOR - Batt. Term. to Rectifier
46-1305	CONNECTOR - Rect. to Relay Term.
46-1502	BEARING RETAINER - D.E. Frame
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1557	SEAL - Rotor (18.5mm ID)
46-1605	SPACER - Rotor (33.5mm OD x 14.5mm L)
46-1606	SPACER - Fan (35.5mm OD x 8mm L)
46-1703	BRACKET - Volt. Adj. Block
46-1705	DEBRIS SHIELD - D.E. Bearing
46-1801	REPAIR HARNESS - Regulator
46-1850	BRACKET - Capacitor
46-1853	VOLTAGE ADJUSTMENT BLOCK
46-1868	RESISTOR - Batt. Term. to R-Term.
46-1869	PLUG EXTENSION (Additional Clock Positions)
49-1509	TERMINAL KIT - Battery (Std. Thd.)
49-1511	TERMINAL KIT - Relay
84-1202	SCREW W/ INSULATOR - Brush Holder (8-32 x 1-1/8 L, Hex Washer Head)
84-1209	SCREW - Volt. Adj. Block (8-32 x 5/8 L, Slotted Hex)

WAI No.	Description
84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1213	SCREW - Brush Holder (8-32 x 1-1/8 L, Hex)
84-1214	SCREW - Capacitor Brkt. (8-32 x 1/2 L, Slotted Hex)
84-1218	SCREW - Capacitor Lead, Rectifier (8-32 x 3/8 L, Hex)
84-1339	SCREW - Brg. Retainer (10-24 x 13/16 L, Hex)
84-1407	THRU BOLT (1/4-20 x 2-1/2 L)
84-1443	THRU BOLT (1/4-20 x 2-9/16 L)
84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
84-2201	HEX NUT - Relay Term., Regulator (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
84-2312	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4201	LOCK WASHER - Volt. Adj. Block (#8 ID, Split)
84-4204	FLAT WASHER - Brush Holder (#8 ID)
84-4306	FLAT WASHER - Batt. Term. (#12 ID)
84-4307	LOCK WASHER - Batt. Term. (#12 ID, Split)
84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-5900	SPLIT ROLL PIN - S.R.E. Frame (.133 OD x 1/2 L)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
84-7300	INSULATING WASHER - Batt. Term. (#12 ID)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
D10-1	REGULATOR - 12V (14.8 Vset)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D101-1	REGULATOR - 12V (14.8 Vset, 5A Field)
D101HD-1	REGULATOR - 12V (14.8 Vset, 5A Field, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D1001	DIODE TRIO
DR5080-1	RECTIFIER - Neg. Grd. Alts. (25A Diodes)
DR5082-2	RECTIFIER - Neg. Grd. Alts. (50A Diodes)
DR5082HD	RECTIFIER - Neg. Grd. Alts. (70A Diodes, Vibration Protected)
DR5085	RECTIFIER - Pos. Grd. Alts. (50A Diodes)

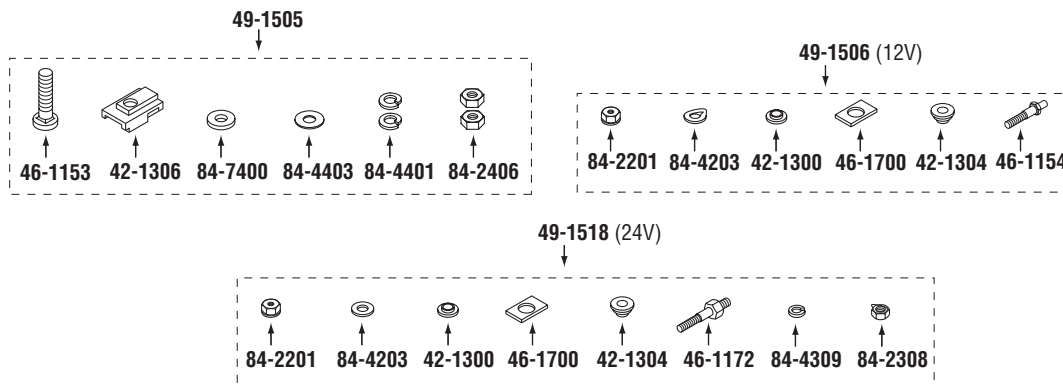


DELCO 29SI SERIES

DELCO 29SI SERIES

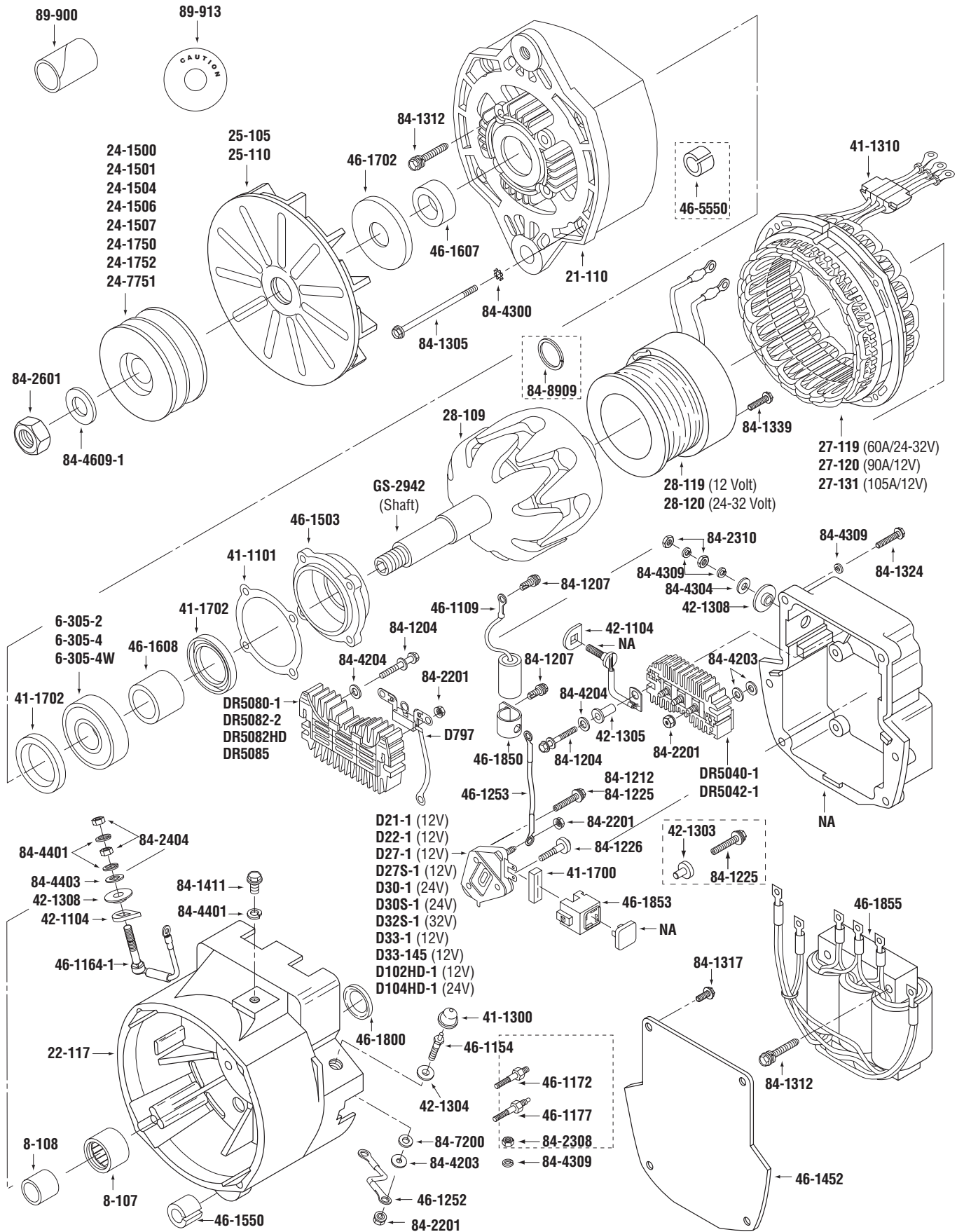


WAI No.	Description	WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)	84-1225	SCREW - Rectifier, Regulator (8-32 x 1 L, Hex, Thd. Form.)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)	84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	84-1304	THRU BOLT (10-24 x 2-1/2 L)
8-109	NEEDLE BEARING	84-1313	SCREW - Brg. Retainer (10-24 x 3/4 L, Hex, Thd. Form.)
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)	84-1317	SCREW - Rectifier End Frame Cover (10-24 x 1/2 L, Hex, Thd. Form.)
24-1501	2-GROOVE PULLEY - Cummins No. 213326 (89mm OD w/ Keyway)	84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
24-1506	3-GROOVE PULLEY - Mack No. 310GC276 (13mm Belts x 89mm OD w/ Keyway)	84-2201	HEX NUT - Relay Term., Regulator (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
25-105	FAN	84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
28-119	STATIONARY COIL - 12V	84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
28-120	STATIONARY COIL - 24V	84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
41-1300	BOOT - Relay Term. (Rubber)	84-4203	FLAT WASHER - Relay Term. (#8 ID)
41-1308	GROMMET - Stator Leads	84-4204	FLAT WASHER - Rectifier (#8 ID)
42-1300	INSULATOR - Relay Terminal	84-4309	LOCK WASHER - Relay Term. (#10 ID, Split)
42-1303	INSULATOR - Regulator Screw	84-4401	LOCK WASHER - Batt. Term. (1/4 ID, Split)
42-1304	INSULATOR - Relay Term.	84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
42-1306	INSULATOR - Batt. Term.	84-4609-1	FLAT WASHER - Pulley (11/16 ID)
42-1318	INSULATOR - Relay Term.	84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
46-1100	CAPACITOR (.5mf)	84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
46-1153	BATTERY TERMINAL (1/4-28 x 1-3/16)	89-900	SPACER - Packaging (Cardboard)
46-1154	RELAY TERMINAL (Pin Type Post)	89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
46-1172	RELAY, I-TERMINAL - 24V (8-32 Int., 10-24 Ext.)	D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
46-1177	RELAY TERMINAL (Universal Design)	D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
46-1502	BEARING RETAINER - D.E. Frame	D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
46-1504	RETAINER PLATE - D.E. Brg.	D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
46-1550	MOUNTING BUSHING - S.R.E. Frame	D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
46-1606	SPACER - Fan (35.5mm OD x 8mm L)	D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
46-1700	WASHER PLATE - Relay Term.	DR5080-1	RECTIFIER - Neg. Grd. Alts. (25A Diodes)
46-1705	DEBRIS SHIELD - D.E. Bearing	DR5082-2	RECTIFIER - Neg. Grd. Alts. (50A Diodes)
46-1850	BRACKET - Capacitor	DR5082HD	RECTIFIER - Neg. Grd. Alts. (70A Diodes, Vibration Protected)
49-1505	TERMINAL KIT - Battery		
49-1506	TERMINAL KIT - Relay, 12V		
49-1518	TERMINAL KIT - Relay, 24V		
84-1207	SCREW - Batt. Term., Capacitor, Rectifier (8-32 x 1/2 L, Hex, Thd. Cut.)		
84-1212	SCREW - Rectifier, Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)		



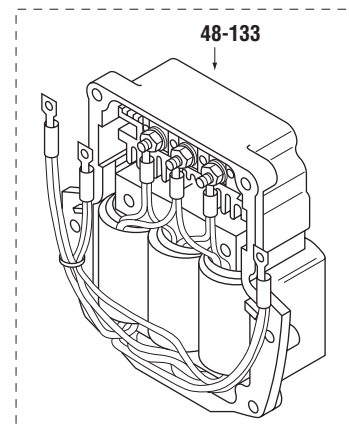
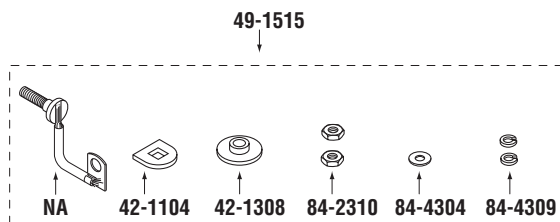
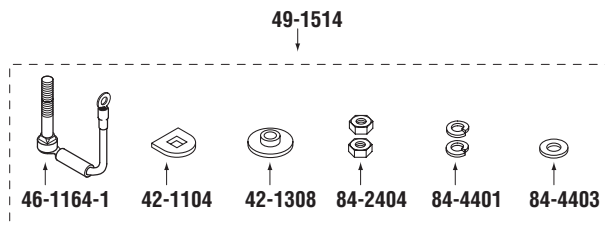
DELCO 30SI SERIES

DELCO 30SI SERIES



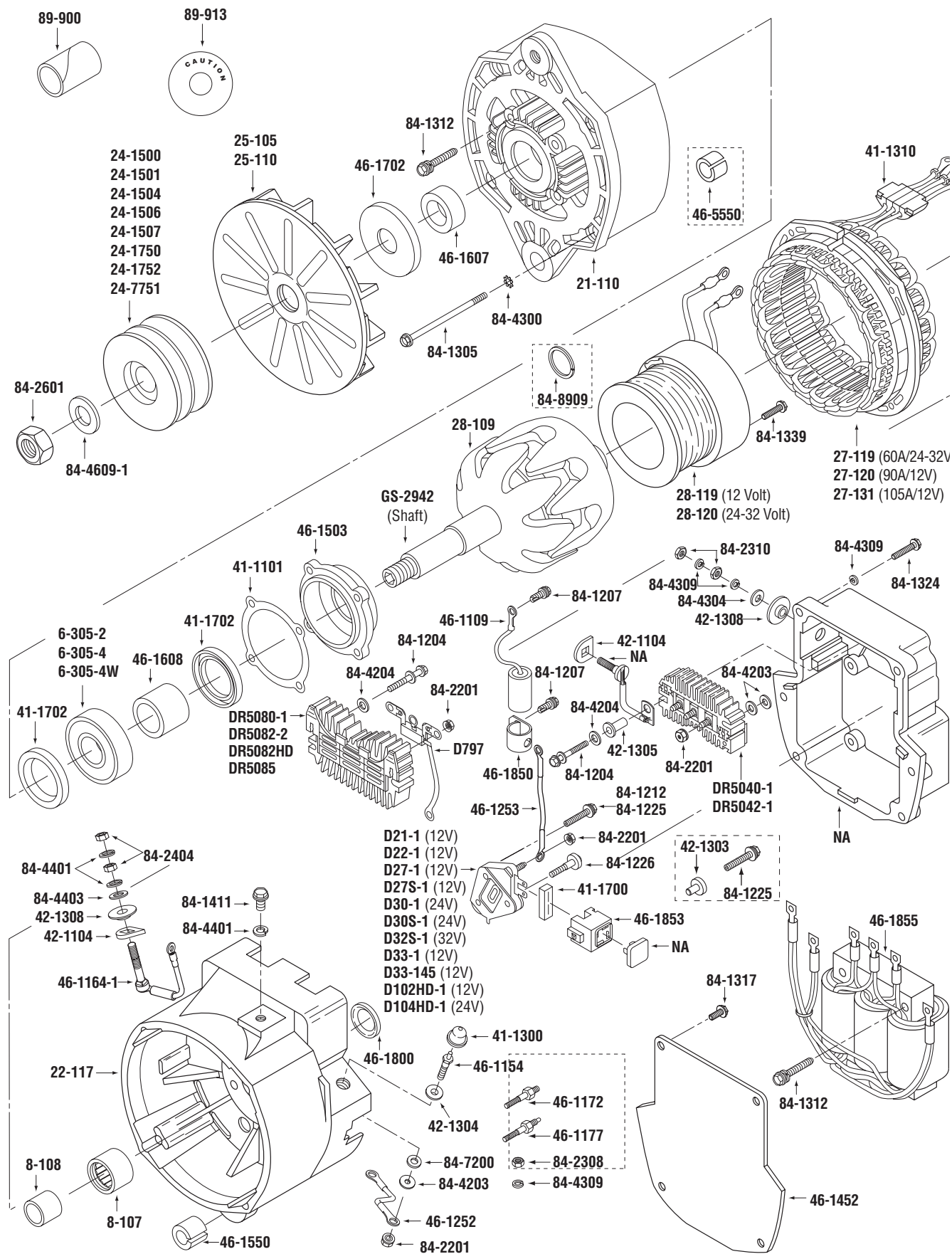
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-107	OUTER RACE ROLLER BEARING
8-108	INNER RACE
21-110	D.E. FRAME
22-117	RECTIFIER END FRAME
24-1500	2-GROOVE PULLEY (79mm OD w/ Keyway)
24-1501	2-GROOVE PULLEY - Cummins No. 213326 (89mm OD w/ Keyway)
24-1504	2-GROOVE PULLEY (13mm Belts x 76mm OD w/ Keyway)
24-1506	3-GROOVE PULLEY - Mack No. 310GC276 (13mm Belts x 89mm OD w/ Keyway)
24-1507	2-GROOVE PULLEY (85mm OD)
24-1750	9-GROOVE PULLEY - Detroit Dsl. No. 5145471 (72mm OD w/ Keyway)
24-1752	8-GROOVE PULLEY (87mm OD)
24-7751	5-GROOVE PULLEY (78mm OD w/ Keyway)
25-105	FAN - Early Style (Stamped Steel)
25-110	FAN - Late Style (Cast Aluminum)
27-119	STATOR - 60A/24-32V
27-120	STATOR - 90A/12V
27-131	STATOR - 105A/12V
28-109	ROTOR
28-119	STATIONARY COIL - 12V
28-120	STATIONARY COIL - 24-32V
41-1101	GASKET - Brg. Retainer
41-1300	BOOT - Relay Term. (Rubber)
41-1310	GROMMET - Stator Leads
41-1700	SEAL - Regulator Terminals
41-1702	SEAL - D.E. Bearing
42-1104	INSULATOR - Batt. Term., TR Term.
42-1303	INSULATOR - Regulator Screw
42-1304	INSULATOR - Relay Term.
42-1305	INSULATOR - Rectifier Screw
42-1308	INSULATOR - Batt. Term., TR. Term.
46-1109	CAPACITOR
46-1154	RELAY TERMINAL (Pin Type Post)
46-1164-1	BATTERY TERMINAL (Stud & Connector)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)

WAI No.	Description
46-1177	RELAY TERMINAL (Universal Design)
46-1252	WIRE LEAD - Rect. to Relay Term.
46-1253	WIRE LEAD - Rect. to Reg.
46-1452	COVER PLATE
46-1503	BEARING RETAINER - D.E. Frame, Early Style used w/ 41-1702 Seal (Cast Iron)
46-1550	MOUNTING BUSHING - S.R.E. Frame
46-1607	SPACER - Fan (35mm OD x 13.7mm L)
46-1608	SPACER - Internal, Early Style (35mm OD x 28mm L)
46-1702	DEBRIS SHIELD - D.E. Frame
46-1800	BEARING COVER PLUG - S.R.E. Frame
46-1850	BRACKET - Capacitor
46-1853	VOLTAGE ADJUSTMENT BLOCK
46-1855	TRANSFORMER
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot
48-133	TRANSFORMER RECTIFIER ASSEMBLY
49-1514	TERMINAL KIT - Battery
49-1515	TERMINAL KIT - Transformer Rectifier
84-1204	SCREW - Rectifier (8-32 x 1-5/16 L, Hex, Thd. Form.)
84-1207	SCREW - Capacitor (8-32 x 1/2 L, Hex, Thd. Cut.)
84-1212	SCREW - Regulator (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
84-1305	THRU BOLT (10-24 x 3-5/8 L)
84-1312	SCREW - Brg. Retainer, Transformer (10-24 x 1-3/8 L, Hex, Thd. Form.)
84-1317	SCREW - Rectifier End Frame Cover (10-24 x 1/2 L, Hex, Thd. Form.)
84-1324	SCREW - Transformer Cover (10-24 x 1 L, Hex, Thd. Form.)
84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
84-2201	HEX NUT - Regulator, Rectifier, Relay & I-Terminal (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
84-2308	HEX NUT - Relay Term. (10-24 x 3/8 F x 1/8 T)
84-2310	HEX NUT - Transformer Terminal (10-32 x 3/8 F x 1/8 T)
84-2404	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T, Brass)
84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
84-4203	FLAT WASHER - Rectifier, Relay Term. (#8 ID)



DELCO 30SI SERIES (cont'd.)

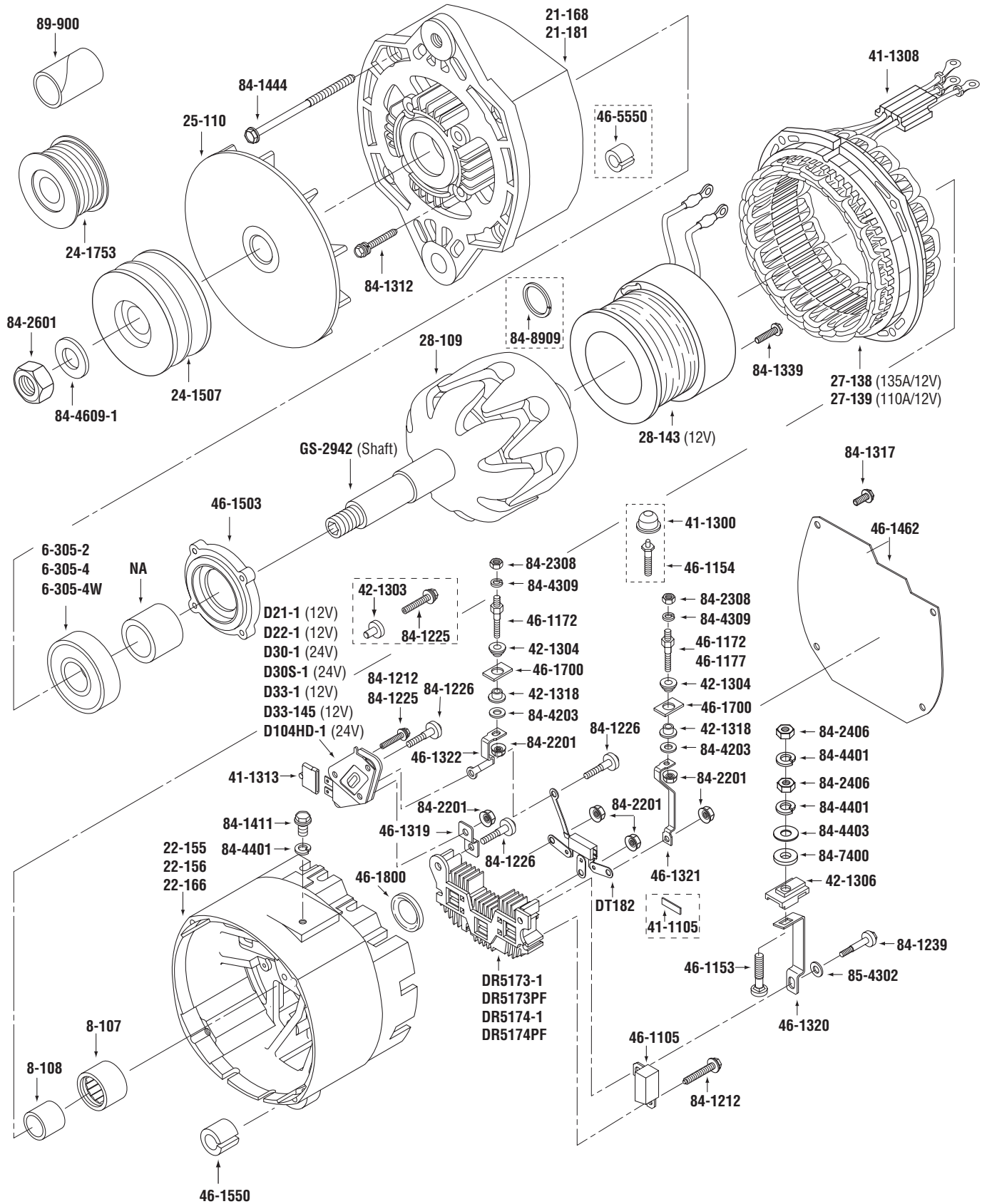
DELCO 30SI SERIES



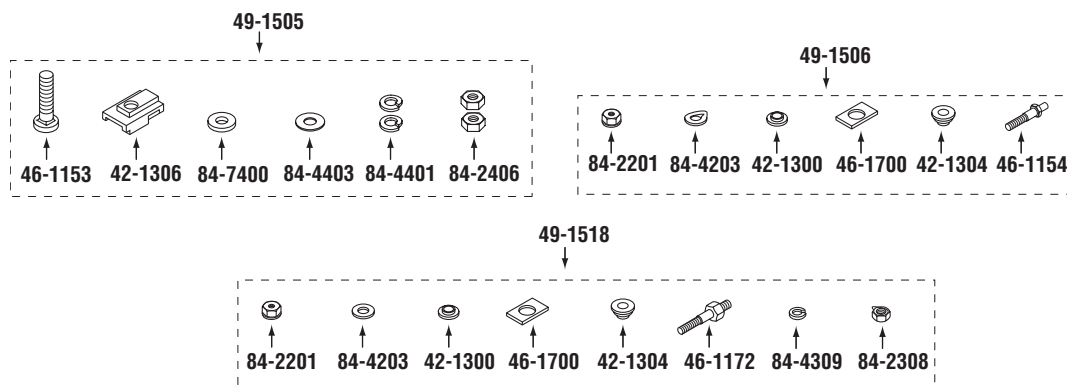
WAI No.	Description
84-4204	FLAT WASHER - Rectifier (#8 ID)
84-4300	LOCK WASHER - Thu Bolt (#10 ID, Ext. Tooth)
84-4304	FLAT WASHER - Transformer Terminal (#10 ID)
84-4309	LOCK WASHER - Relay Term.; TR Term. & Cover (#10 ID, Split)
84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
84-4609-1	FLAT WASHER - Pulley (11/16 ID)
84-7200	INSULATING WASHER - Relay Term. (#10 ID)
84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
89-900	SPACER - Packaging (Cardboard)
89-913	CAUTION TAG (Cautions the installer to remove pulley nut with the unit in horizontal position only.)
D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
D27-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
D27S-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, S-Series)
D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
D32S-1	REGULATOR - 32V (w/ Stud, Web Terminals, 37.5 Vset)
D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
D102HD-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset, Heavy-Duty)
D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
D797	DIODE TRIO
DR5040-1	RECTIFIER - Transformer Rectifier (25A Diodes)
DR5042-1	RECTIFIER - Transformer Rectifier (50A Diodes)
DR5080-1	RECTIFIER - Neg. Grd. Alts. (25A Diodes)
DR5082-2	RECTIFIER - Neg. Grd. Alts. (50A Diodes)
DR5082HD	RECTIFIER - Neg. Grd. Alts. (70A Diodes, Vibration Protected)
DR5085	RECTIFIER - Pos. Grd. Alts. (50A Diodes)
GS-2942	SHAFT - Rotor

DELCO 33SI, 34SI SERIES

DELCO 33SI, 34SI SERIES

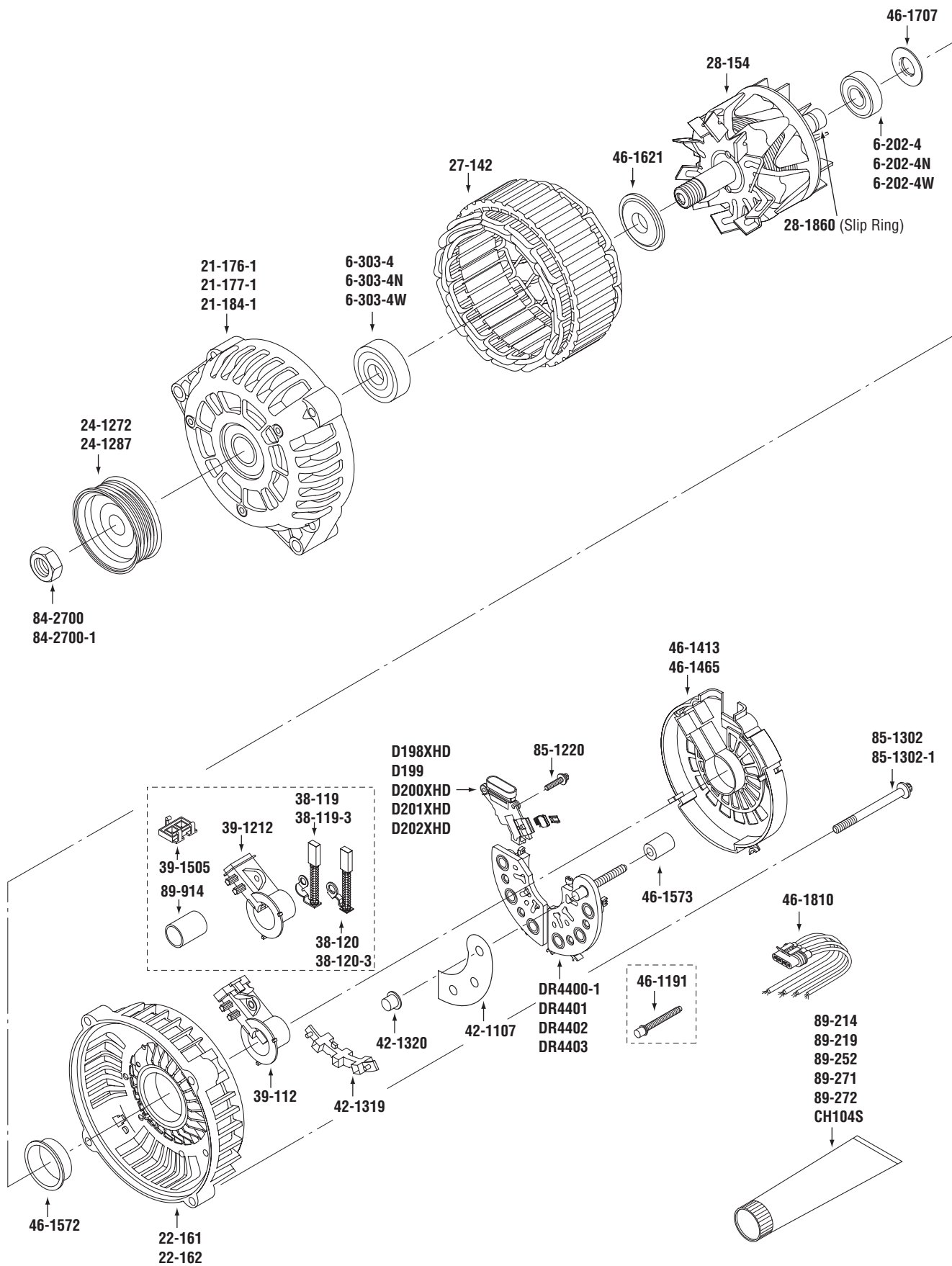


WAI No.	Description	WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)	84-1225	SCREW - Regulator (8-32 x 1 L, Hex, Thd. Form.)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)	84-1226	SCREW W/ INSULATOR - Regulator, Rectifier (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	84-1239	SCREW W/ INSULATOR - B+ Connector, Rectifier (8-32 x 1-5/16 L, Hex, w/ Att. Washer, Thd. Form.)
8-107	OUTER RACE ROLLER BEARING	84-1312	SCREW - Brg. Retainer (10-24 x 1-3/8 L, Hex, Thd. Form.)
8-108	INNER RACE	84-1317	SCREW - Rectifier End Frame Cover (10-24 x 1/2 L, Hex, Thd. Form.)
21-168	D.E. FRAME (12:00, 1/2-13 Mtg. Ear)	84-1339	SCREW - Stationary Coil (10-24 x 13/16 L, Hex)
21-181	D.E. FRAME - 34SI Series Alts. (Pad Mount)	84-1411	SCREW - Ground (1/4-20 x 5/16 L, Hex)
22-155	RECTIFIER END FRAME - 33SI Series Alts.	84-1444	THRU BOLT (1/4-20 x 3-3/4 L)
22-156	RECTIFIER END FRAME - 34SI Series Alts.	84-2201	HEX NUT - Regulator, Rectifier, Relay & I-Terminal (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
22-166	RECTIFIER END FRAME - 34SI Series Alts. (Pad Mount)	84-2308	HEX NUT - Relay, I-Terminal (10-24 x 3/8 F x 1/8 T)
24-1507	2-GROOVE PULLEY (85mm OD)	84-2406	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 3/16 T)
24-1753	8-GROOVE PULLEY (70mm OD)	84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
25-110	FAN	84-4203	FLAT WASHER - Relay, I-Terms. (#8 ID)
27-138	STATOR - 135A/12V	84-4309	LOCK WASHER - Relay, I-Terminal (#10 ID, Split)
27-139	STATOR - 110A/12V	84-4401	LOCK WASHER - Batt. Term., Grd. (1/4 ID, Split)
28-109	ROTOR	84-4403	FLAT WASHER - Batt. Term. (1/4 ID)
28-143	STATIONARY COIL - 12V	84-4609-1	FLAT WASHER - Pulley (11/16 ID)
41-1105	VIBRATION DAMPENERS - Diode Trio	84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
41-1300	BOOT - Relay Term. (Rubber)	84-8909	RETAINING RING - Rotor (.935 ID x .075 T)
41-1308	GROMMET - Stator Leads	85-4302	FLAT WASHER - B+ Connector, Rectifier (5mm ID)
41-1313	BOOT - Regulator Terminals	89-900	SPACER - Packaging (Cardboard)
42-1300	INSULATOR - Relay Terminal	D21-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.0 Vset)
42-1303	INSULATOR - Regulator, Rectifier Screws	D22-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset)
42-1304	INSULATOR - Relay, I-Terminal	D30-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset)
42-1306	INSULATOR - Batt. Term.	D30S-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, S-Series)
42-1318	INSULATOR - Relay, I-Terminal	D33-1	REGULATOR - 12V (w/ Stud, Web Terminals, 14.1 Vset, Heavy Duty)
46-1105	CAPACITOR	D33-145	REGULATOR - 12V (w/ Stud, Web Terminals, 14.5 Vset, Heavy Duty)
46-1153	BATTERY TERMINAL (1/4-28 x 1-3/16)	D104HD-1	REGULATOR - 24V (w/ Stud, Web Terminals, 27.5 Vset, Heavy-Duty)
46-1154	RELAY TERMINAL (Pin Type Post)	DR5173-1	RECTIFIER (Wide-Fin Heat Sink, 6-Non-Avalanche Diodes)
46-1172	RELAY, I-TERMINAL (8-32 Int., 10-24 Ext.)	DR5173PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit DNon-Avalanche iodes)
46-1177	RELAY TERMINAL (Universal Design)	DR5174-1	RECTIFIER (Wide-Fin Heat Sink, 6-Avalanche Diodes)
46-1319	CONNECTOR - Rectifier to Regulator	DR5174PF	RECTIFIER (Wide-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
46-1320	CONNECTOR - Batt. Term.	DT182	DIODE TRIO
46-1321	CONNECTOR - Relay Term.	GS-2942	SHAFT - Rotor
46-1322	CONNECTOR - I-terminal		
46-1462	COVER - Rectifier End Frame		
46-1503	BEARING RETAINER - D.E. Frame (Cast Iron)		
46-1550	MOUNTING BUSHING - Rectifier End Frame		
46-1700	WASHER PLATE - Relay, I-Terminal		
46-1800	BEARING COVER PLUG - S.R.E. Frame		
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot		
49-1505	TERMINAL KIT - Battery		
49-1506	TERMINAL KIT - Relay		
49-1518	TERMINAL KIT - Relay		
84-1212	SCREW - Regulator, Capacitor (8-32 x 1-1/8 L, Hex, w/ Att. Washer)		



DELCO AD230 SERIES

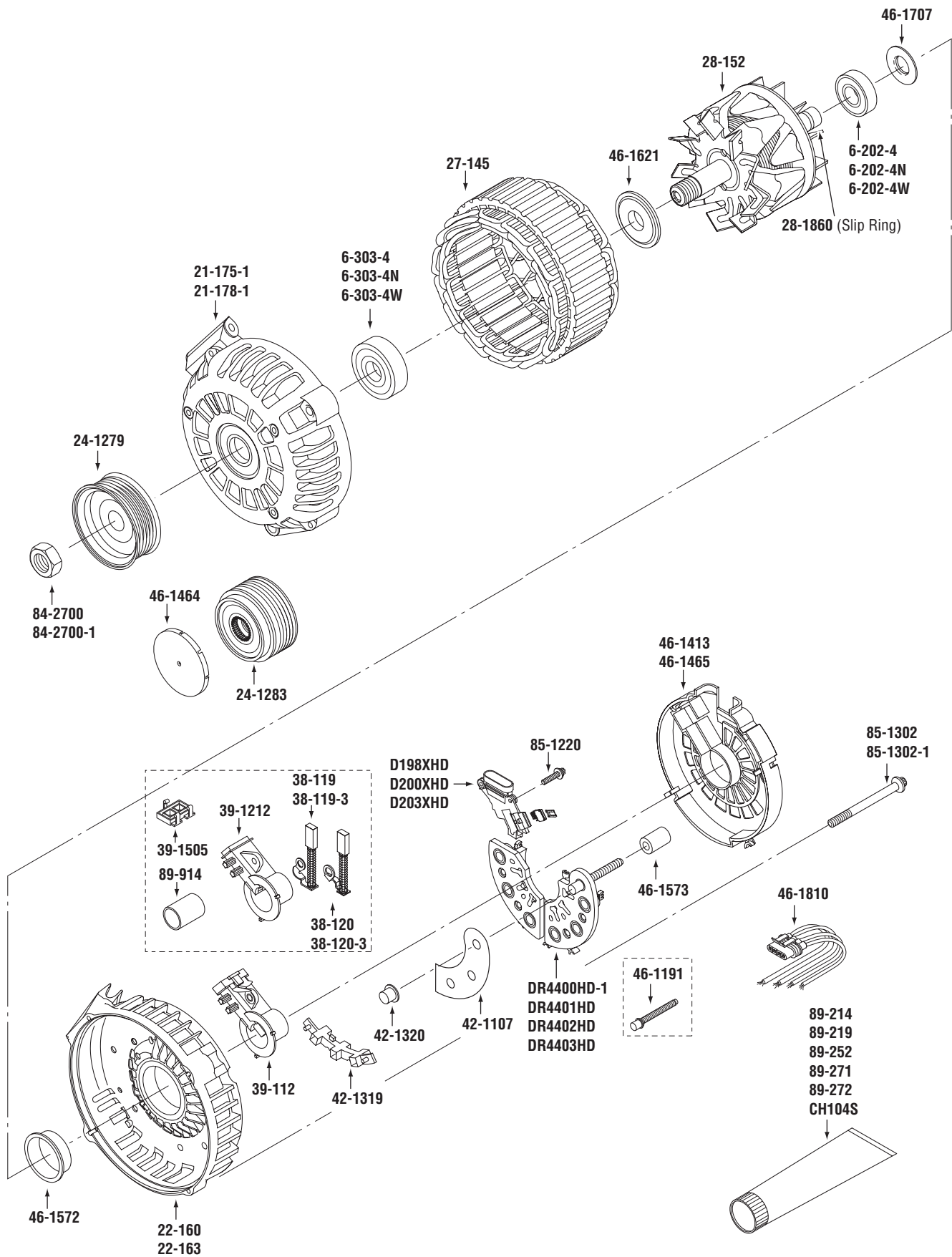
DELCO AD230 SERIES



WAI No.	Description
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-176-1	D.E. FRAME - Incl. 6-303-4 Brg. (9:45, 10mm Mtg. Ear)
21-177-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount)
21-184-1	D.E. FRAME - Incl. 6-303-4 Brg. (1:45, 10mm Mtg. Ear)
22-161	S.R.E. FRAME
22-162	S.R.E. FRAME (Side Mount)
24-1272	6-GROOVE PULLEY (57mm OD)
24-1287	7-GROOVE PULLEY (62mm OD)
27-142	STATOR - 105A (27mm T Lamination)
28-154	ROTOR - 105A
28-1860	SLIP RING - Rotor
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-112	BRUSH HOLDER ASSY.
39-1212	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1107	INSULATOR - Rectifier
42-1319	INSULATOR - Stator Leads
42-1320	INSULATOR - Battery Terminal
46-1191	BATTERY TERMINAL (M6 x 1.0 Ext.)
46-1413	COVER - S.R.E. Frame (wo/ Raised Center)
46-1465	COVER - S.R.E. Frame (w/ Raised Center)
46-1572	TOLERANCE RING - S.R.E. Bearing
46-1573	SPACER - Battery Terminal (6mm ID x 13mm OD x 25mm L)
46-1621	SPACER - Rotor (40.1mm OD x 6.1mm L)
46-1707	COVER - S.R.E. Bearing
46-1810	REPAIR HARNESS - Regulator
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
85-1220	SCREW - Rectifier, Regulator (M4 x 0.7 x 16.7mm L, E5 Torx, Thd. Form.)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D198XHD	REGULATOR (P-L-F-S Terms, 15.1 Vset, 10 sec. LRC, ASVR)
D199	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC)
D200XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D201XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D202XHD	REGULATOR (P-L-F-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
DR4400-1	RECTIFIER (M6 Batt. Term.)
DR4401	RECTIFIER (M8 Batt. Term.)
DR4402	RECTIFIER (M6 Batt. Term.)
DR4403	RECTIFIER (M8 Batt. Term.)

DELCO AD237 SERIES

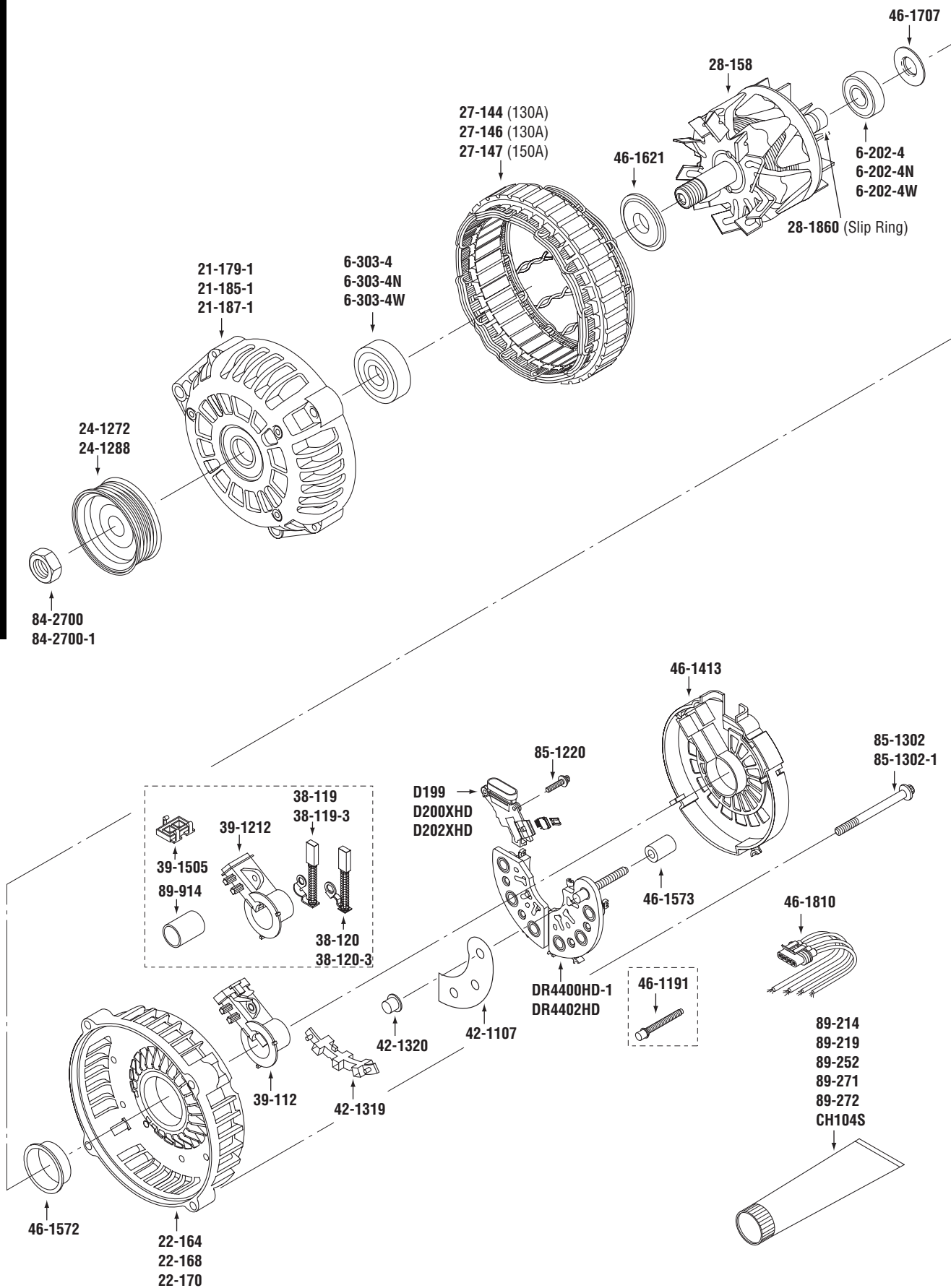
DELCO AD237 SERIES



WAI No.	Description
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-175-1	D.E. FRAME - Incl. 6-303-4 Brg., used w/ 22-160 S.R.E. Frame (Side Mount)
21-178-1	D.E. FRAME - Incl. 6-303-4 Brg., used w/ 22-163 S.R.E. Frame (Side Mount)
22-160	S.R.E. FRAME - Used w/ 21-175 D.E. Frame
22-163	S.R.E. FRAME - Used w/ 21-178 D.E. Frame
24-1279	6-GROOVE PULLEY (62mm OD)
24-1283	6-GROOVE PULLEY (57mm OD, w/ Overrunning Clutch)
27-145	STATOR - 125A
28-152	ROTOR
28-1860	SLIP RING - Rotor
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-112	BRUSH HOLDER ASSY.
39-1212	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1107	INSULATOR - Rectifier
42-1319	INSULATOR - Stator Leads
42-1320	INSULATOR - Battery Terminal
46-1191	BATTERY TERMINAL (M6 x 1.0 Ext.)
46-1413	COVER - S.R.E. Frame (wo/ Raised Center)
46-1464	COVER - Pulley
46-1465	COVER - S.R.E. Frame (w/ Raised Center)
46-1572	TOLERANCE RING - S.R.E. Bearing
46-1573	SPACER - Battery Terminal (6mm ID x 13mm OD x 25mm L)
46-1621	SPACER - Rotor (40.1mm OD x 6.1mm L)
46-1707	COVER - S.R.E. Bearing
46-1810	REPAIR HARNESS - Regulator
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
85-1220	SCREW - Rectifier, Regulator (M4 x 0.7 x 16.7mm L, E5 Torx, Thd. Form.)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D198XHD	REGULATOR (P-L-F-S Terms, 15.1 Vset, 10 sec. LRC, ASVR)
D200XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D203XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
DR4400HD-1	RECTIFIER (M6 Batt. Term., Heavy-Duty)
DR4401HD	RECTIFIER (M8 Batt. Term., Heavy-Duty)
DR4402HD	RECTIFIER (M6 Batt. Term., Heavy-Duty)
DR4403HD	RECTIFIER (M8 Batt. Term., Heavy-Duty)

for Delco AD244 Series Alternators

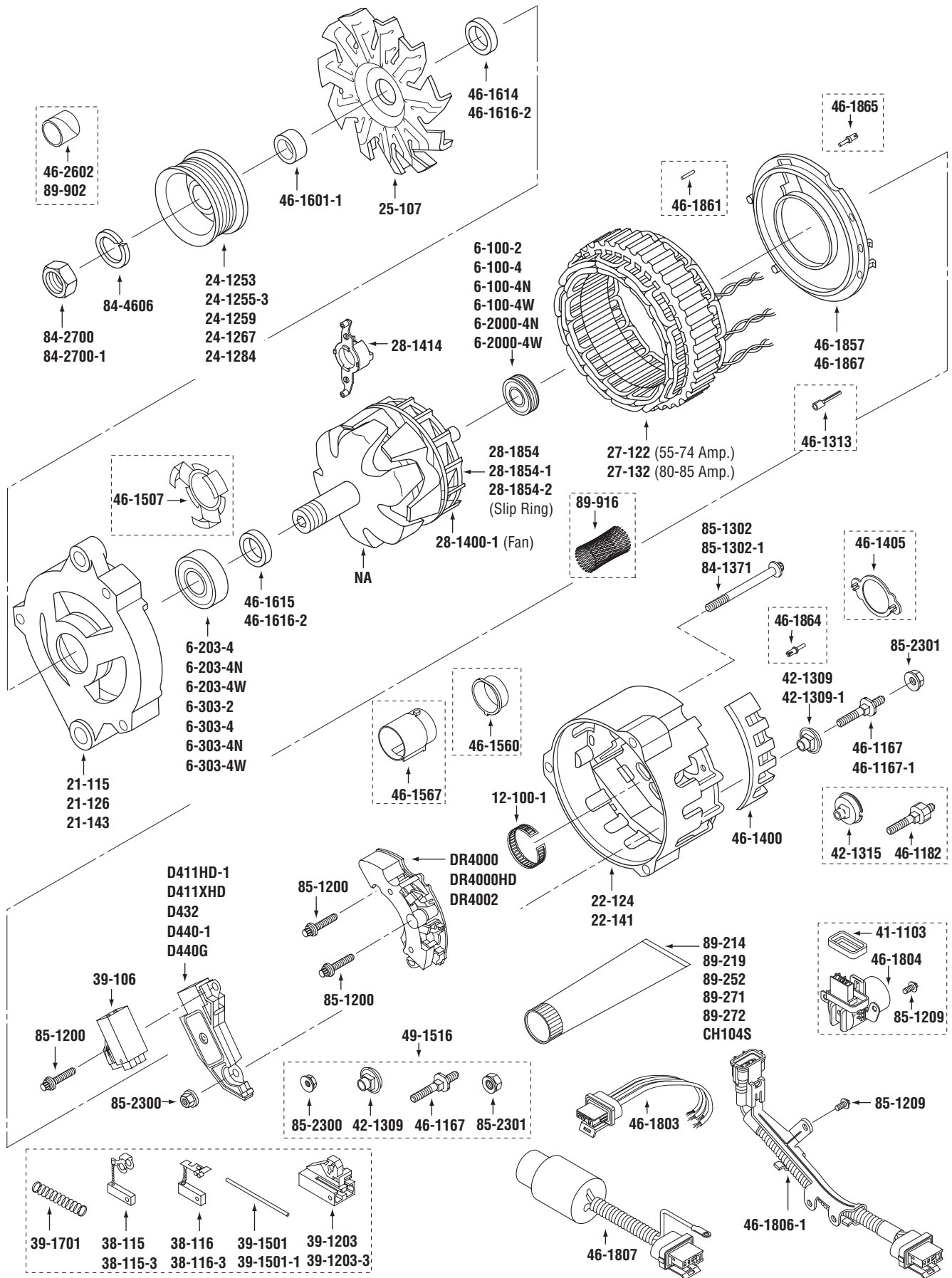
DELCO AD244 SERIES



WAI No.	Description
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-179-1	D.E. FRAME - Incl. 6-303-4 Brg. (9:30, 10mm Mtg. Ear, 4mm Stator Bore Depth)
21-185-1	D.E. FRAME - Incl. 6-303-4 Brg. (9:30, 10mm Mtg. Ear, 6mm Stator Bore Depth)
21-187-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount)
22-164	S.R.E. FRAME (4mm Stator Bore Depth)
22-168	S.R.E. FRAME (6mm Stator Bore Depth)
22-170	S.R.E. FRAME (6mm Stator Bore Depth)
24-1272	6-GROOVE PULLEY (57mm OD)
24-1288	7-GROOVE PULLEY (57mm OD)
27-144	STATOR - 130A (28mm T Lamination, 2-Leads/Phase)
27-146	STATOR - 130A (31.5mm T Lamination, 2-Leads/Phase)
27-147	STATOR - 150A (31.5mm T Lamination, 4-Leads/Phase)
28-158	ROTOR - 130-150A
28-1860	SLIP RING - Rotor
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-112	BRUSH HOLDER ASSY.
39-1212	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1107	INSULATOR - Rectifier
42-1319	INSULATOR - Stator Leads
42-1320	INSULATOR - Battery Terminal
46-1191	BATTERY TERMINAL (M6 x 1.0 Ext.)
46-1413	COVER - S.R.E. Frame (wo/ Raised Center)
46-1572	TOLERANCE RING - S.R.E. Bearing
46-1573	SPACER - Battery Terminal (6mm ID x 13mm OD x 25mm L)
46-1621	SPACER - Rotor (40.1mm OD x 6.1mm L)
46-1707	COVER - S.R.E. Bearing
46-1810	REPAIR HARNESS - Regulator
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
85-1220	SCREW - Rectifier, Regulator (M4 x 0.7 x 16.7mm L, E5 Torx, Thd. Form.)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D199	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC)
D200XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D202XHD	REGULATOR (P-L-F-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
DR4400HD-1	RECTIFIER (M6 Batt. Term., Heavy-Duty)
DR4402HD	RECTIFIER (M6 Batt. Term., Heavy-Duty)

DELCO CS121 SERIES

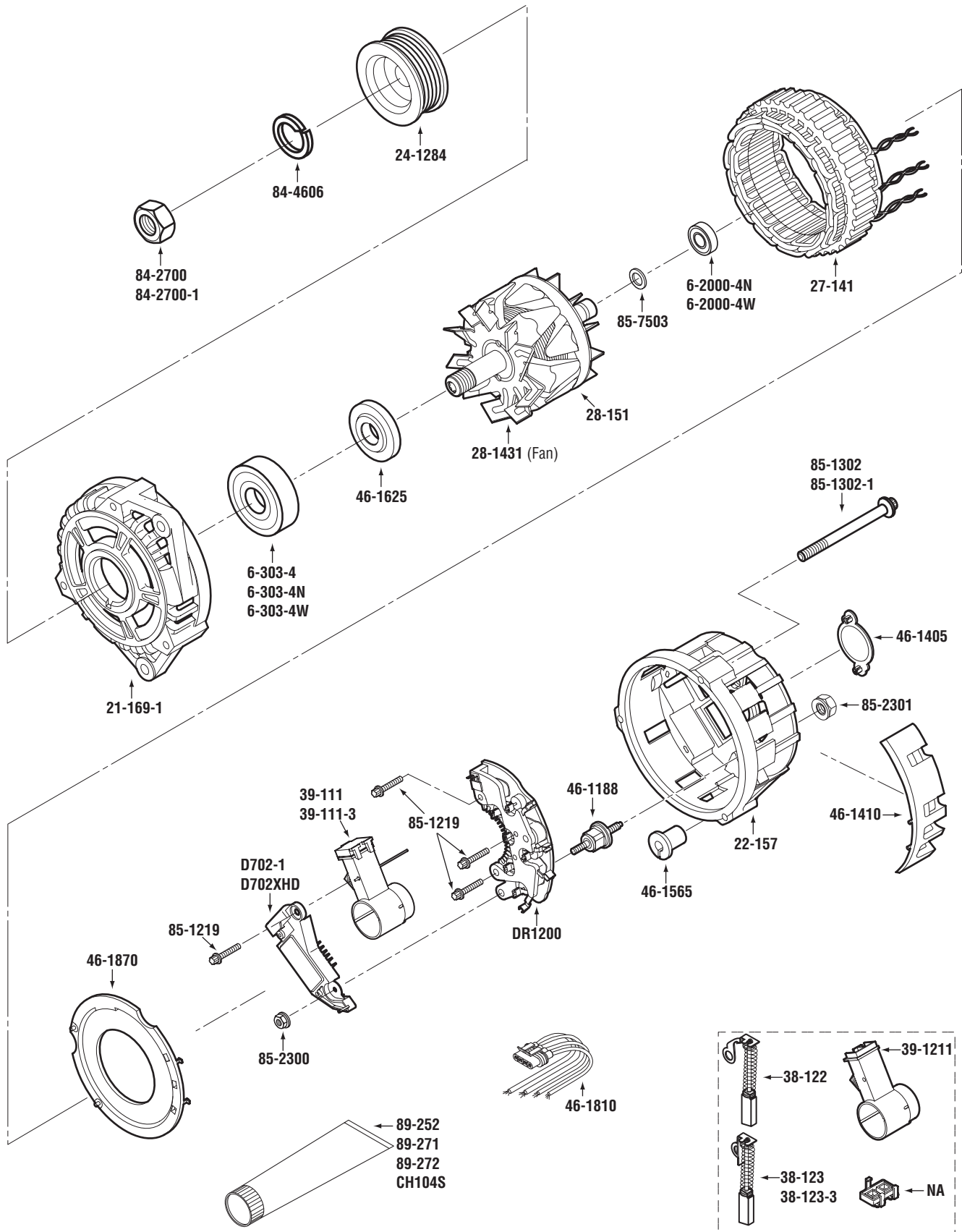
DELCO CS121 SERIES



WAI No.	Description	WAI No.	Description
6-100-2	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Shielded)	46-1560	TOLERANCE RING - S.R.E. Brg. (Plastic, 11.5mm L)
6-100-4	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed)	46-1567	TOLERANCE RING - S.R.E. Brg. (Plastic, 35mm L)
6-100-4N	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, NTN Hi-Temp.)	46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
6-100-4W	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, WBD)	46-1614	SPACER - Fan (33mm OD x 5mm L)
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1615	SPACER - Rotor used w/ 6303 Brg. (36mm OD x 3mm L)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	46-1616-2	SPACER - Fan & Rotor used w/ 6203 Brg. (25.5mm OD x 5.25mm L)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1803	REPAIR HARNESS - Regulator
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)	46-1804	PLUG ADAPTER - Regulator, 10479805 Alt. (3-Terminal Round Plug)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1806-1	PLUG ADAPTER - Regulator, 10480095, 096 Alts. (3-Terminal Oval Plug)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)	46-1807	PLUG ADAPTER - Regulator, 1101584, 639 Alts. (2-Terminal Round Plug)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1857	BAFFLE - Internal
6-2000-4N	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, NTN Hi-Temp.)	46-1861	PIN - Baffle, Cover
6-2000-4W	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, WBD)	46-1864	REPAIR PIN - S.R.E. Cover
12-100-1	TOLERANCE RING - S.R.E. Bearing (Metal)	46-1865	REPAIR PIN - Baffle
21-115	D.E. FRAME (3-Mtg. Ears)	46-1867	BAFFLE - Internal
21-126	D.E. FRAME (2:00, 8mm Mtg. Ear)	46-2602	SPACER - Packaging (Metal)
21-143	D.E. FRAME (2:00, M8 x 1.25 Mtg. Ear)	49-1516	TERMINAL KIT - Battery (Round Term.)
22-124	S.R.E. FRAME (8mm Mtg. Foot)	84-1371	THRU-BOLT - Oversized Thread for Stripped End Frames (12-24 x 2-5/8 L)
22-141	S.R.E. FRAME - Used w/ 46-1560 Plastic Tolerance Ring	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
24-1253	4-GROOVE PULLEY (52mm OD)	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
24-1259	5-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)	85-1200	SCREW - BH, Rectifier (M4 x 0.7 x 21mm L, E5 Torx, Thd. Form., w/ Att. Washer)
24-1267	5-GROOVE PULLEY (55mm OD)	85-1209	SCREW - Plug Adapter (M4 x 0.7 x 8mm L, Phillips)
24-1284	5-GROOVE PULLEY (64mm OD)	85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
25-107	FAN	85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
27-122	STATOR - 55-74A	85-2300	HEX NUT - Batt. Term. (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
27-132	STATOR - 80-85A	85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
28-1400-1	FAN - Rotor	89-214	SLEEVE RETAINING COMPOUND (24 ml)
28-1414	INSULATOR - Rotor	89-219	SLEEVE RETAINING COMPOUND (250 ml)
28-1854	SLIP RING - Rotor	89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
28-1854-1	SLIP RING - Rotor (Slotted Leads)	89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
28-1854-2	SLIP RING - Rotor (Channeled Leads for Welding)	89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
38-115	BRUSH - Grd., Ref# R-132	89-902	SPACER - Packaging (Cardboard)
38-115-3	BRUSH - Grd., Ref# R-132	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
38-116	BRUSH - Fld., Ref# R-133	CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
38-116-3	BRUSH - Fld., Ref# R-133	D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
39-106	BRUSH HOLDER ASSY.	D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
39-1203	BRUSH HOLDER	D432	REGULATOR (w/ 1-Spade Terminal)
39-1203-3	BRUSH HOLDER	D440-1	REGULATOR - Geo, Toyota, wo/ 46-1804 Connector (P-L-I-S Terminals, 14.7 Vset, 2.5 sec. LRC)
39-1501	PIN - Brush Holder (Steel)	D440G	REGULATOR - Geo, Toyota, w/ 46-1804 Connector (P-L-I-S Terminals, 14.7 Vset, 2.5 sec. LRC)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	DR4000	RECTIFIER (40A Press-Fit Avalanche Diodes)
39-1701	BRUSH SPRING - Brush	DR4000HD	RECTIFIER - Heavy Duty (50A Press-Fit Avalanche Diodes)
41-1103	GASKET - Regulator Plug, used w/ 46-1804 3-Terminal Adapter Plug	DR4002	RECTIFIER (40A Press-Fit Avalanche Diodes)
42-1309	INSULATOR - Batt. Term., used w/ 46-1167 Batt. Term. (OE Design)		
42-1309-1	INSULATOR - Batt. Term., used w/ 46-1167-1 Batt. Term. (Heavy Duty)		
42-1315	INSULATOR - Batt. Term., used w/ 46-1182 Batt. Term.		
46-1167	BATTERY TERMINAL - Used w/ 42-1309 Insulator (Round, OE Design)		
46-1167-1	BATTERY TERMINAL - Used w/ 42-1309-1 Insulator (Round, Heavy Duty)		
46-1182	BATTERY TERMINAL - Used w/ 42-1315 Insulator		
46-1313	REPAIR CONNECTOR - Stator Lead		
46-1400	COVER - S.R.E. Frame		
46-1405	COVER - S.R.E. Bearing		
46-1507	BEARING RETAINER - D.E. Frame (Snap Spring Style)		

DELCO CS121D SERIES

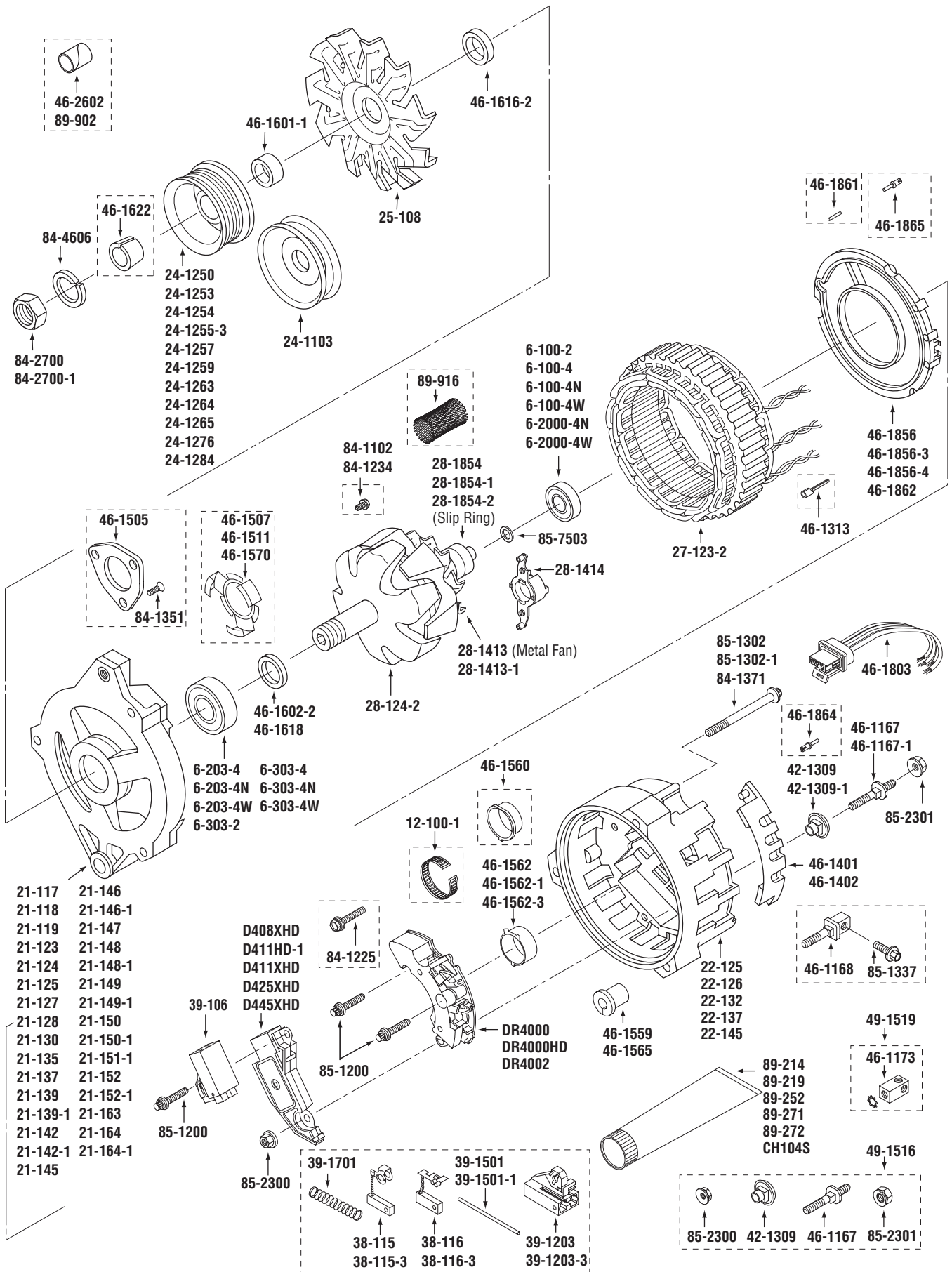
DELCO CS121D SERIES



WAI No.	Description
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-2000-4N	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, NTN Hi-Temp.)
6-2000-4W	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, WBD)
21-169-1	D.E. FRAME - Incl. 6-303-4 Brg.
22-157	S.R.E. FRAME
24-1284	5-GROOVE PULLEY (64mm OD)
27-141	STATOR - 90A
28-151	ROTOR - 90A
28-1431	FAN - Rotor, D.E.
38-122	BRUSH - Grd.
38-123	BRUSH - Fld
38-123-3	BRUSH - Fld
39-111	BRUSH HOLDER ASSY.
39-111-3	BRUSH HOLDER ASSY.
39-1211	BRUSH HOLDER
46-1188	BATTERY TERMINAL (M5 x 0.8 Int., M6 x 1.0 Ext.)
46-1405	COVER - S.R.E. Bearing
46-1410	COVER - S.R.E. Frame
46-1625	SPACER - Rotor
46-1810	REPAIR HARNESS - Regulator
46-1870	BAFFLE - Internal
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1219	SCREW - Brush Holder, Rectifier (M4 x 0.7 x 25.5mm L, E5 Torx)
85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
85-2300	HEX NUT - Batt. Term. (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-7503	INSULATING WASHER - Prevents S.R.E. Brg. from grounding out Slip Ring (10mm ID)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D702-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC)
D702XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
DR1200	RECTIFIER (40A Press-Fit Avalanche Diodes)

DELCO CS130 SERIES

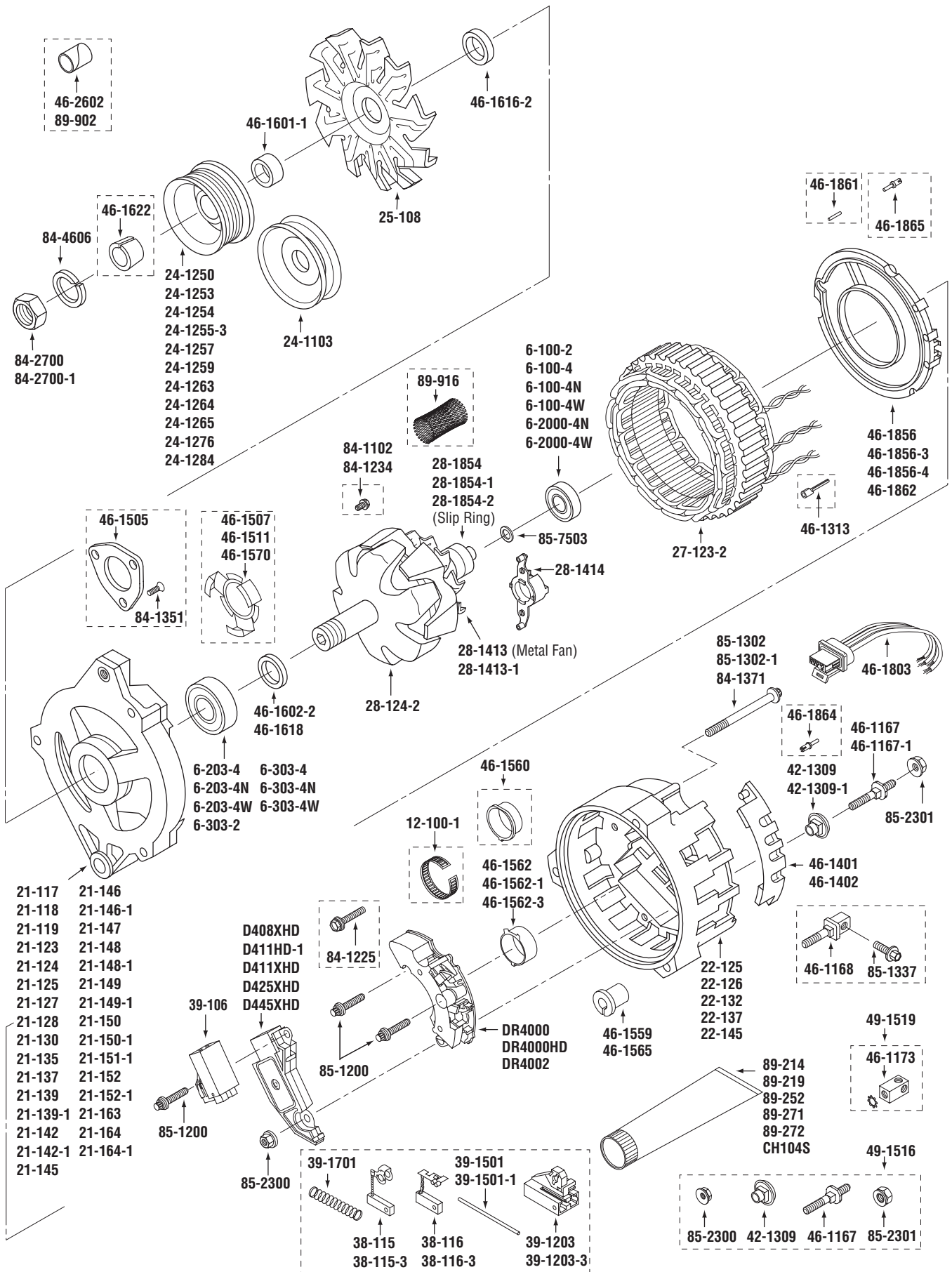
DELCO CS130 SERIES



WAI No.	Description	WAI No.	Description
6-100-2	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Shielded)	21-151-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 8mm Mtg. Ear)
6-100-4	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed)	21-152	D.E. FRAME - Used w/ 6303 Brg. (10:00, 8mm Mtg. Ear)
6-100-4N	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, NTN Hi-Temp.)	21-152-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 8mm Mtg. Ear)
6-100-4W	BALL BEARING - S.R.E., Ref# 6000 (Dbl. Sealed, WBD)	21-163	D.E. FRAME - Used w/ 6303 Brg. (12:00, M8 x 1.25 Mtg. Ear)
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	21-164	D.E. FRAME - Used w/ 6303 Brg. (3-Mtg. Ears)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	21-164-1	D.E. FRAME - Incl. 6-303-4 Brg. (3-Mtg. Ears)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	22-125	S.R.E. FRAME (10mm Mtg. Foot)
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)	22-126	S.R.E. FRAME - Used w/ 46-1560 or 46-1562 Plastic Tolerance Ring
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)	22-132	S.R.E. FRAME (w/ Tab for Air Duct)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)	22-137	S.R.E. FRAME (8mm Mtg. Foot)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	22-145	S.R.E. FRAME (10mm Mtg. Foot)
6-2000-4N	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, NTN Hi-Temp.)	24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)
6-2000-4W	BALL BEARING - S.R.E., Ref# 62000 (Dbl. Sealed, WBD)	24-1250	6-GROOVE PULLEY (62mm OD)
12-100-1	TOLERANCE RING - S.R.E. Bearing (Metal)	24-1253	4-GROOVE PULLEY (52mm OD)
21-117	D.E. FRAME - Used w/ 6203 Brg. (12:00, 8mm Mtg. Ear)	24-1254	5-GROOVE PULLEY - 9mm Hub to 1st Groove (56mm OD)
21-118	D.E. FRAME - Used w/ 6203 Brg. (12:00, M8 x 1.25 Mtg. Ear)	24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
21-119	D.E. FRAME - Used w/ 6203 Brg. (12:00, M8 x 1.25 Mtg. Ear)	24-1257	5-GROOVE PULLEY - 10.5mm Hub to 1st Groove (54mm OD)
21-123	D.E. FRAME - Used w/ 6203 Brg. (10:00, M8 x 1.25 Mtg. Ear)	24-1259	5-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)
21-124	D.E. FRAME - Used w/ 6203 Brg. (2:00, M8 x 1.25 Mtg. Ear)	24-1263	6-GROOVE PULLEY (52mm OD)
21-125	D.E. FRAME - Used w/ 6203 Brg. (3-Mtg. Ears)	24-1264	4-GROOVE PULLEY (57mm OD)
21-127	D.E. FRAME - Used w/ 6203 Brg. (2:00, 8mm Mtg. Ear)	24-1265	5-GROOVE PULLEY - 12mm Hub to 1st Groove (62mm OD)
21-128	D.E. FRAME - Used w/ 6203 Brg. (12:00, 10mm Mtg. Ear)	24-1276	8-GROOVE PULLEY - Used w/ 46-1622 Taper Collar (62mm OD)
21-130	D.E. FRAME - Used w/ 6203 Brg. (10:00, 8mm Mtg. Ear)	24-1284	5-GROOVE PULLEY - 9.5mm Hub to 1st Groove (64mm OD)
21-135	D.E. FRAME - Used w/ 6203 Brg. (12:00, M10 x 1.5 Mtg. Ear)	25-108	FAN
21-137	D.E. FRAME - Used w/ 6203 Brg. (12:00, 8mm Mtg. Ear)	27-123-2	STATOR - 85-105A
21-139	D.E. FRAME - Used w/ 6303 Brg. (12:00, 10mm Mtg. Ear)	28-124-2	ROTOR - 85-105A
21-139-1	D.E. FRAME - Incl. 6-303-4 Brg. (12:00, 10mm Mtg. Ear)	28-1413	FAN - Rotor, used w/ 28-1414 Insulator (Metal)
21-142	D.E. FRAME - Used w/ 6303 Brg. (10:00, 8mm Mtg. Ear)	28-1413-1	FAN - Rotor, used w/ 28-1414 Insulator (Metal, Curved Blades)
21-142-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 8mm Mtg. Ear)	28-1414	INSULATOR - Rotor, used w/ 28-1413 Fan
21-145	D.E. FRAME - Used w/ 6303 Brg. (10:00, M8 x 1.25 Mtg. Ear)	28-1854	SLIP RING - Rotor
21-146	D.E. FRAME - Used w/ 6303 Brg. (2:00, M8 x 1.25 Mtg. Ear)	28-1854-1	SLIP RING - Rotor (Slotted Leads)
21-146-1	D.E. FRAME - Incl. 6-303-4 Brg. (2:00, M8 x 1.25 Mtg. Ear)	28-1854-2	SLIP RING - Rotor (Channeled Leads for Welding)
21-147	D.E. FRAME - Used w/ 6303 Brg. (12:00, M8 x 1.25 Mtg. Ear)	38-115	BRUSH - Grd., Ref# R-132
21-148	D.E. FRAME - Used w/ 6303 Brg. (10:00, 10mm Mtg. Ear)	38-115-3	BRUSH - Grd., Ref# R-132
21-148-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 10mm Mtg. Ear)	38-116	BRUSH - Fld., Ref# R-133
21-149	D.E. FRAME - Used w/ 6303 Brg. (12:00, M8 x 1.25 Mtg. Ear)	38-116-3	BRUSH - Fld., Ref# R-133
21-149-1	D.E. FRAME - Incl. 6-303-4 Brg. (12:00, M8 x 1.25 Mtg. Ear)	39-106	BRUSH HOLDER ASSY.
21-150	D.E. FRAME - Used w/ 6303 Brg. (12:00, M10 x 1.5 Mtg. Ear)	39-1203	BRUSH HOLDER
21-150-1	D.E. FRAME - Incl. 6-303-4 Brg. (12:00, M10 x 1.5 Mtg. Ear)	39-1203-3	BRUSH HOLDER
		39-1501	PIN - Brush Holder (Steel)
		39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
		39-1701	BRUSH SPRING - Brush
		42-1309	INSULATOR - Batt. Term., used w/ 46-1167 Batt. Term. (OE Design)
		42-1309-1	INSULATOR - Batt. Term., used w/ 46-1167-1 Batt. Term. (Heavy Duty)
		46-1167	BATTERY TERMINAL - Used w/ 42-1309 Insulator (Round, OE Design)
		46-1167-1	BATTERY TERMINAL - Used w/ 42-1309-1 Insulator (Round, Heavy Duty)
		46-1168	BATTERY TERMINAL (Square)
		46-1173	BATTERY TERMINAL ADAPTER - Round to Square Batt. Terminal

DELCO CS130 SERIES (cont'd.)

DELCO CS130 SERIES



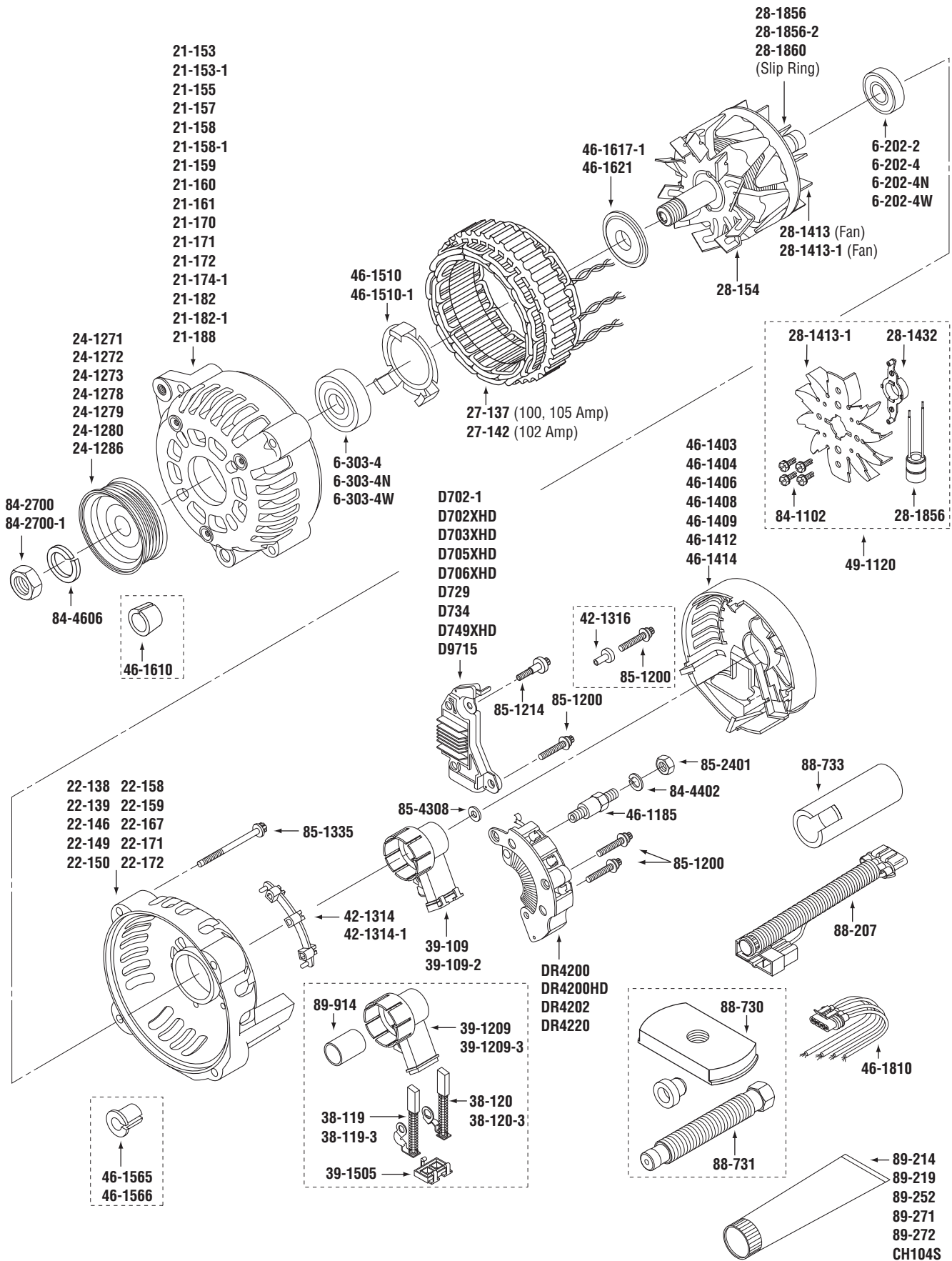
DELCO CS130 SERIES (cont'd.)

WAI No.	Description	WAI No.	Description
46-1313	REPAIR CONNECTOR - Stator Lead	84-1351	SCREW - 46-1505 Brg. Retainer (10-24 x 1/2 L, Phillips)
46-1401	COVER - S.R.E. Frame	84-1371	THRU-BOLT - Oversized Thread for Stripped End Frames (12-24 x 2-5/8 L)
46-1402	COVER - S.R.E. Frame, used w/ 22-137 S.R.E. Frame	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
46-1505	BEARING RETAINER - D.E. Frame, used w/ 84-1351 Screws	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
46-1507	BEARING RETAINER - D.E. Frame w/ 6203 Brg. (Snap Spring Style)	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
46-1511	BEARING RETAINER - OE D.E. Frame w/ 6303 Brg. (Snap Spring Style)	85-1200	SCREW - BH, Rectifier (M4 x 0.7 x 21mm L, E5 Torx, Thd. Form., w/ Att. Washer)
46-1559	MOUNTING BUSHING - S.R.E. Frame (10mm ID)	85-1302	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form.)
46-1560	TOLERANCE RING - S.R.E. Brg., used w/ 6-100-4 Brg. (Plastic, 11.5mm L)	85-1302-1	THRU BOLT (M5 x 0.8 x 66mm L, E8 Torx, Thd. Form., Wax Coated Thds.)
46-1562	TOLERANCE RING - S.R.E. Brg., used w/ 6-100-4 or 6-2000-4 Brg. (Plastic, 9.5mm L)	85-1337	SCREW - Batt. Term. (M6 x 1.0 x 15mm L, Hex)
46-1562-1	TOLERANCE RING - S.R.E. Brg., used w/ 6000 or 62000 Brg. (Plastic, 9.5mm L, Mfd. by OE Supplier)	85-2300	HEX NUT - Batt. Term. (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
46-1562-3	TOLERANCE RING - S.R.E. Brg., used w/ 6-100-4 or 6-2000-4 Brg. (Plastic, 9.5mm L)	85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
46-1565	MOUNTING BUSHING - S.R.E. Frame (8mm ID)	85-7503	INSULATING WASHER - Prevents S.R.E. Brg. from grounding out Slip Ring (10mm ID)
46-1570	BEARING RETAINER - WAI D.E. Frame w/ 6303 Brg. (Snap Spring Style)	89-214	SLEEVE RETAINING COMPOUND (24 ml)
46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)	89-219	SLEEVE RETAINING COMPOUND (250 ml)
46-1602-2	SPACER - Rotor used w/ 6203 Brg. (25.5mm OD x 3mm L)	89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
46-1616-2	SPACER - Fan (25.5mm OD x 5.25mm L)	89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
46-1618	SPACER - Rotor used w/ 6303 Brg. (25.5mm OD x 1mm T)	89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
46-1622	TAPER COLLAR - Used w/ 24-1276 Pulley	89-902	SPACER - Packaging (Cardboard)
46-1803	REPAIR HARNESS - Regulator	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
46-1856	BAFFLE (Oval Stator Lead Holes)	CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
46-1856-3	BAFFLE (Round Stator Lead Holes, B+ Access Hole)	D408XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
46-1856-4	BAFFLE (Open Stator Lead Holes)	D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
46-1861	PIN - Baffle, Cover	D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
46-1862	BAFFLE - 10479998; 10480105, 265 Alts. (72.5mm ID)	D425XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
46-1864	REPAIR PIN - S.R.E. Cover	D445XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
46-1865	REPAIR PIN - Baffle	DR4000	RECTIFIER (40A Press-Fit Avalanche Diodes)
46-2602	SPACER - Packaging (Metal)	DR4000HD	RECTIFIER - Heavy Duty (50A Press-Fit Avalanche Diodes)
49-1516	TERMINAL KIT - Battery (Round Term.)	DR4002	RECTIFIER (40A Press-Fit Avalanche Diodes)
49-1519	TERMINAL ADAPTER KIT - Round to Square Batt. Terminal		
84-1102	SCREW - 28-1413 Rotor Repair Fan (6-32 x 3/8 L, Hex, Thd. Cut.)		
84-1225	SCREW - Rectifier, oversize for stripped & worn S.R.E. Frames (8-32 x 1 L, Hex, Thd. Form.)		
84-1234	SCREW - Aftermarket Repair Fan (8-32 x 5/16 L, Hex, Thd. Form.)		

DELCO CS130 SERIES

DELCO CS130D SERIES

DELCO CS130D SERIES

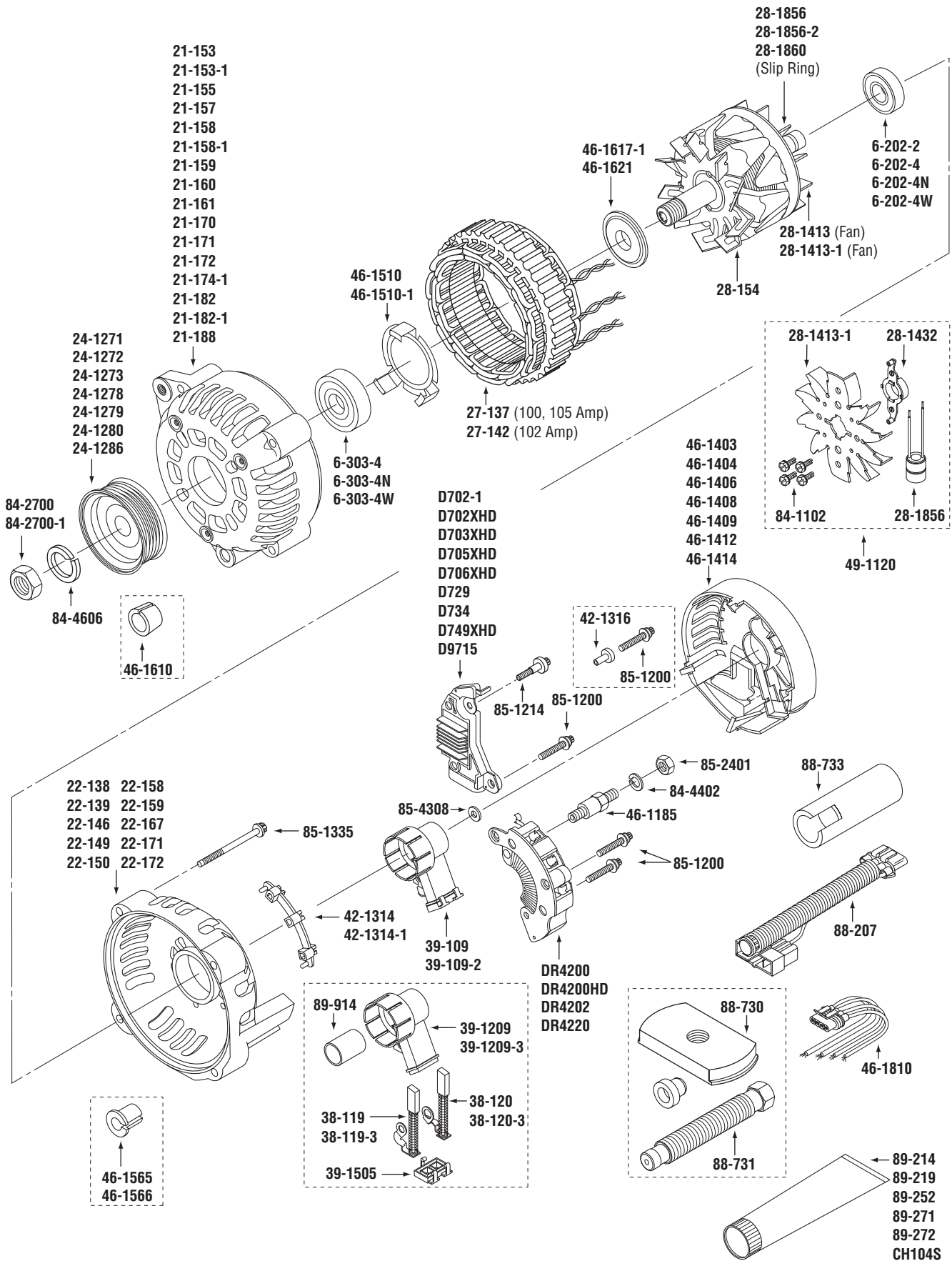


WAI No.	Description
6-202-2	BALL BEARING - S.R.E. (Dbl. Shielded)
6-202-4	BALL BEARING - S.R.E. (Dbl. Sealed)
6-202-4N	BALL BEARING - S.R.E. (Dbl. Sealed, NTN)
6-202-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-153	D.E. FRAME (10:00, 10mm Mtg. Ear)
21-153-1	D.E. FRAME - Incl. 6-303-4 Brg. (10:00, 10mm Mtg. Ear)
21-155	D.E. FRAME (2:00, M8 x 1.25 Mtg. Ear)
21-157	D.E. FRAME (10:00, M8 x 1.25 Mtg. Ear)
21-158	D.E. FRAME (3:00, 10mm Mtg. Ear)
21-158-1	D.E. FRAME - Incl. 6-303-4 Brg. (3:00, 10mm Mtg. Ear)
21-159	D.E. FRAME (10:00, 10mm Mtg. Ear)
21-160	D.E. FRAME (2:30, M8 x 1.25 Mtg. Ear)
21-161	D.E. FRAME (Side Mount, 10mm Foot, 24.5mm Stator Bore)
21-170	D.E. FRAME (Side Mount, M10 x 1.5 Foot, 25.5mm Stator Bore)
21-171	D.E. FRAME (3-Mtg Ears)
21-172	D.E. FRAME (Side Mount, 10mm Foot, 25.5mm Stator Bore)
21-174-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount, 10mm Foot, 25.5mm Stator Bore)
21-182	D.E. FRAME (Side Mount, M10 x 1.5 Foot, 24.5mm Stator Bore)
21-182-1	D.E. FRAME - Incl. 6-303-4 Brg. (Side Mount, M10 x 1.5 Foot, 24.5mm Stator Bore)
21-188	D.E. FRAME - Honda 31100-P8A-A01, -A02 Alts. (2:00, 8mm Mtg. Ear)
22-138	S.R.E. FRAME (2-M8 x 1.25 Mtg. Holes)
22-139	S.R.E. FRAME (10mm Mtg. Foot)
22-146	S.R.E. FRAME (M8 x 1.25 Mtg. Foot)
22-149	S.R.E. FRAME (1-M8 x 1.25 Mtg. Hole, 5mm End Frame Mating Bore Depth)
22-150	S.R.E. FRAME (Side Mount, 5mm End Frame Mating Bore Depth)
22-158	S.R.E. FRAME (Side Mount, 6mm End Frame Mating Bore Depth)
22-159	S.R.E. FRAME (Side Mount, 6mm End Frame Mating Bore Depth)
22-167	S.R.E. FRAME (1-M8 x 1.25 Mtg. Hole, 6mm End Frame Mating Bore Depth)
22-171	S.R.E. FRAME (5mm End Frame Mating)
22-172	S.R.E. FRAME - Honda 31100-P8A-A01, -A02 Alts.
24-1271	6-GROOVE PULLEY (67mm OD)
24-1272	6-GROOVE PULLEY (57mm OD)
24-1273	6-GROOVE PULLEY (52mm OD)
24-1278	5-GROOVE PULLEY (62mm OD)
24-1279	6-GROOVE PULLEY (62mm OD)
24-1280	5-GROOVE PULLEY (57mm OD)
24-1286	6-GROOVE PULLEY (65mm OD)
27-137	STATOR - 105A (25mm T Lamination)
27-142	STATOR - 102A (27mm T Lamination)
28-154	ROTOR - 100-110A
28-1413	FAN - Rotor, used w/ 28-1432 Insulator (Metal)
28-1413-1	FAN - Rotor, used w/ 28-1432 Insulator (Metal, Curved Blades)
28-1432	INSULATOR - Used w/ 28-1413, 28-1413-1 curved fan
28-1432-1	INSULATOR - Used w/ 28-1413, 28-1413-1 curved fan (Aftmrk Design)
28-1856	SLIP RING - Rotor w/ 11 or 16-Blade Black Fan

WAI No.	Description
28-1856-2	SLIP RING - Rotor w/ 11 or 16-Blade Black Fan (Lead Insulation pre-stripped for installation.)
28-1860	SLIP RING - Rotor w/ 16-Blade Tan Fan
38-119	BRUSH - Grd.
38-119-3	BRUSH - Grd.
38-120	BRUSH - Fld.
38-120-3	BRUSH - Fld.
39-109	BRUSH HOLDER ASSY.
39-109-2	BRUSH HOLDER ASSY.
39-1209	BRUSH HOLDER
39-1209-3	BRUSH HOLDER
39-1505	CAP - Brush Holder
42-1314	INSULATOR - Stator Leads
42-1314-1	INSULATOR - Stator Leads
42-1316	INSULATOR - Regulator Screw
46-1185	BATTERY TERMINAL (M8 x 1.25 Int., M8 x 1.25 Ext.)
46-1403	COVER - S.R.E. Frame
46-1404	COVER - S.R.E. Frame, w/ Opening for Air Duct
46-1406	COVER - S.R.E. Frame
46-1408	COVER - S.R.E. Frame
46-1409	COVER - S.R.E. Frame
46-1412	COVER - S.R.E. Frame, w/ Opening for Air Duct
46-1414	COVER - S.R.E. Frame
46-1510	BEARING RETAINER - D.E. Frame (3-Finger Design)
46-1510-1	BEARING RETAINER - D.E. Frame (4-Finger Design)
46-1565	MOUNTING BUSHING - D.E., S.R.E. Frame (8mm ID)
46-1566	MOUNTING BUSHING - S.R.E. Frame, used w/ 22-139 S.R.E. Frame (10mm ID)
46-1610	TAPER COLLAR - Pulley
46-1617-1	SPACER - Rotor, 1st Prod. (25.5mm OD x 5.8mm L)
46-1621	SPACER - Rotor, 2nd Prod. (40.1mm OD x 6.1mm L)
46-1810	REPAIR HARNESS - Regulator
49-1120	REPAIR KIT - Rotor, incl. Fan, Insulator, Mtg. Screws, Slip Ring
84-1102	SCREW - 28-1413 Rotor Repair Fan (6-32 x 3/8 L, Hex, Thd. Cut.)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1200	SCREW - Rectifier, Regulator (M4 x 0.7 x 21mm L, E5 Torx, Thd. Form., w/ Att. Washer)
85-1214	SCREW W/ INSULATOR - Regulator (M4 x 0.7 x 21mm L, E5 Torx)
85-1335	THRU BOLT (M6 x 1.0 x 62mm L, E8 Torx, Thd. Form.)
85-2401	HEX NUT - Batt. Term. (M8 x 1.25 x 13mm F x 5mm T)
85-4308	WASHER - Rectifier to Regulator Spacer (1.6mm T)
88-207	ALTERNATOR TEST LEAD
88-730	STATOR TOOL PLATE - Removes Stators (100 & 105A only), used w/ 88-731 Pressure Screw
88-731	PRESSURE SCREW - Used w/ 88-730 Stator Tool Plate
88-733	TOOL - Brush Holder Installation
89-214	SLEEVE RETAINING COMPOUND (24 ml)
89-219	SLEEVE RETAINING COMPOUND (250 ml)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-914	BRUSH RETAINER - Brush Holder
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
D702-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC)
D702XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D703XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)

DELCO CS130D SERIES (cont'd.)

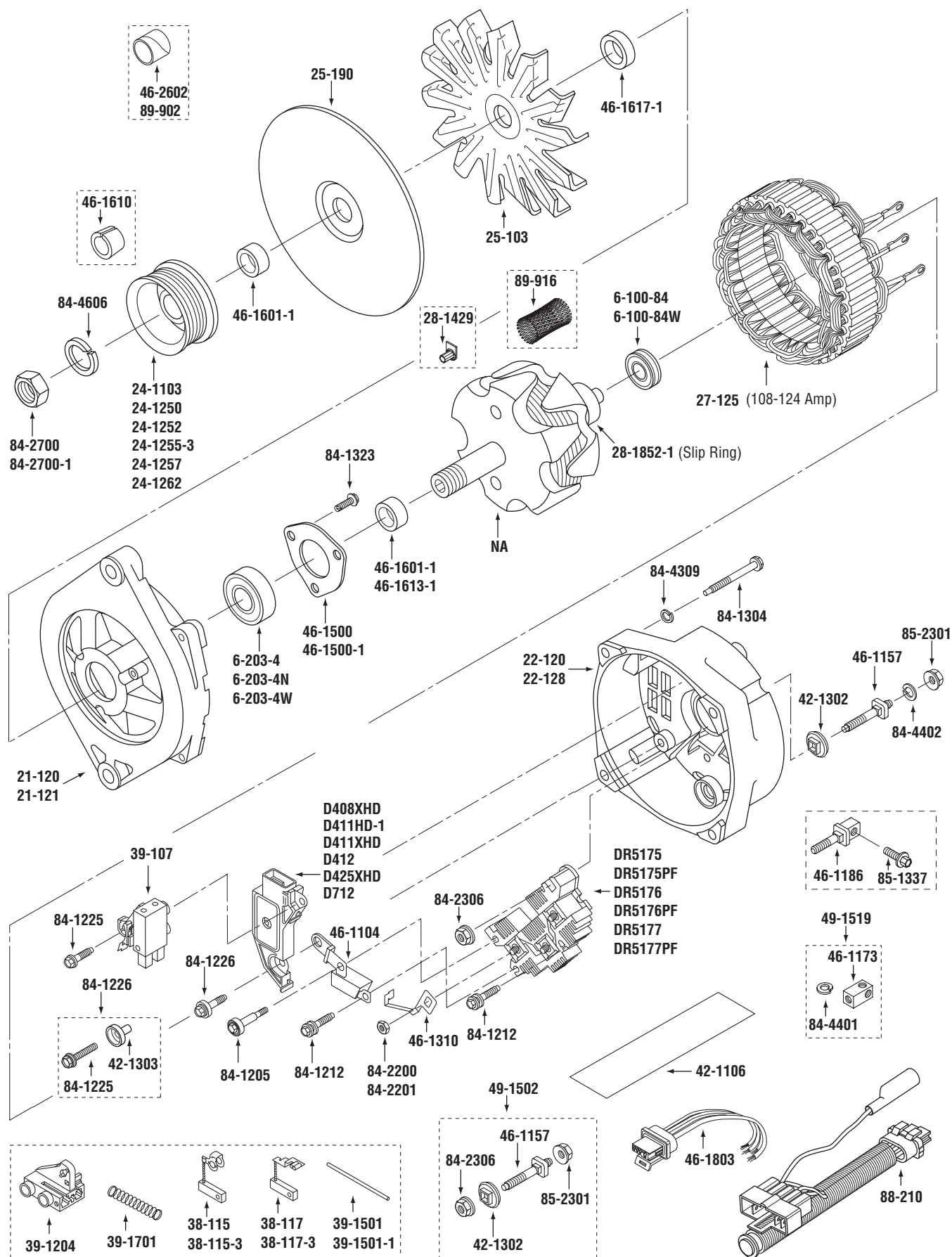
DELCO CS130D SERIES



WAI No.	Description
D705-1	REGULATOR (P-L-F-S Terms, 14.7 Vset, 10 sec. LRC)
D705XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
D706XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
D729	REGULATOR (P-L-F-S Terms, 14.7 Vset, 10 sec. LRC)
D734	REGULATOR (P-L-I-S Terminals, 14.6 Vset, 10 sec. LRC)
D749XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
D9715	REGULATOR - Honda (C-FR-IG-L Terms, 14.8 Vset)
DR4200	RECTIFIER (40A Press-Fit Avalanche Diodes, M8 Batt. Term.)
DR4200HD	RECTIFIER - Heavy Duty (50A Press-Fit Avalanche Diodes, M8 Batt. Term.)
DR4202	RECTIFIER (40A Press-Fit Avalanche Diodes, M8 Batt. Term.)
DR4220	RECTIFIER - Honda (40A Press-Fit Avalanche Diodes, M6 Batt. Term.)

DELCO CS144 SERIES, EARLY 108-124 AMP

DELCO CS144 SERIES, EARLY



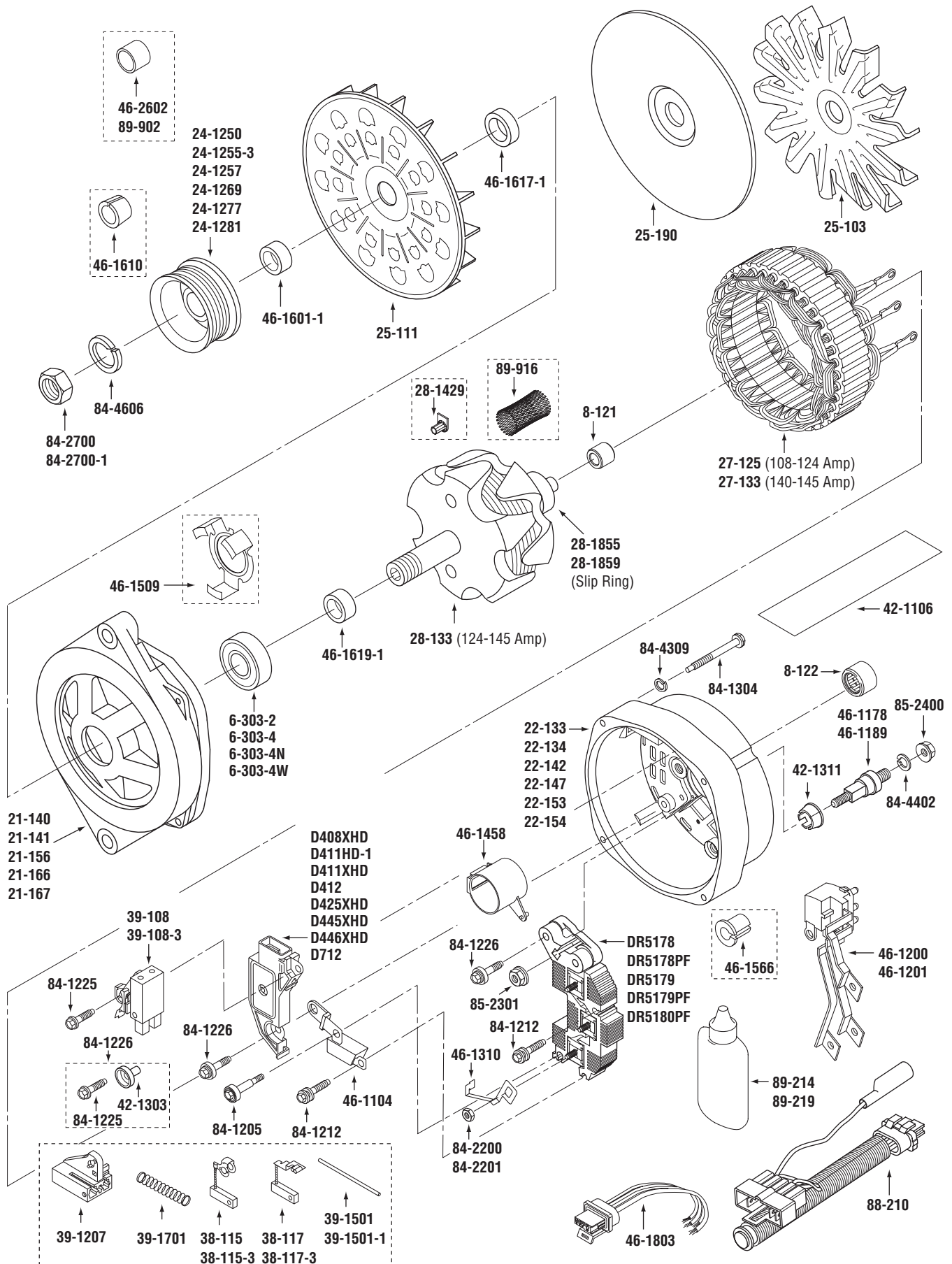
DELCO CS144 SERIES, EARLY 108-124 AMP

WAI No.	Description	WAI No.	Description
6-100-84	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings)	46-2602	SPACER - Packaging (Metal)
6-100-84W	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings, WBD)	49-1502	TERMINAL KIT - Battery (12-24 Int., M6 x 1.0 Ext.)
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	49-1519	TERMINAL ADAPTER KIT - Round to Square Batt. Terminal
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	84-1205	SCREW W/ INSULATOR - Capacitor (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
21-120	D.E. FRAME (12:00, 10mm Mtg. Ear)	84-1225	SCREW - Brush Holder (8-32 x 1 L, Hex, Thd. Form.)
21-121	D.E. FRAME (12:00, M10 x 1.5 Mtg. Ear)	84-1226	SCREW W/ INSULATOR - Regulator (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
22-120	S.R.E. FRAME - Used w/ 6-100-84 Brg. (M8 x 1.25, M10 x 1.5 Mtg. Holes)	84-1304	THRU BOLT (10-24 x 2-1/2 L)
22-128	S.R.E. FRAME - Used w/ 6-100-84 Brg. (M10 x 1.5 Mtg. Hole)	84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
24-1103	1-GROOVE PULLEY - Used w/ 46-1601-1 Spacer (10mm Belt x 66mm OD)	84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
24-1250	6-GROOVE PULLEY (62mm OD)	84-2201	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
24-1252	4-GROOVE PULLEY (57mm OD)	84-2306	HEX NUT - Batt. Term. (12-24 x 7/16 F x 5/32 T, w/ Att. Washer)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
24-1257	5-GROOVE PULLEY (54mm OD)	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
24-1262	6-GROOVE PULLEY - Used w/ 46-1610 Taper Collar (57mm OD)	84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
25-103	FAN	84-4401	LOCK WASHER - B+ Term. Adapter (1/4 ID, Split)
25-190	BAFFLE - Fan	84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
27-125	STATOR - 108-124A	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
28-1429	INSULATOR - Rotor (14.7mm L x 10.7mm W)	85-1337	SCREW - Batt. Term. (M6 x 1.0 x 15mm L, Hex)
28-1852-1	SLIP RING - Rotor (17.3mm ID x 30mm OD)	85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
38-115	BRUSH - Grd., Ref# R-132	88-210	ALTERNATOR TEST LEAD
38-115-3	BRUSH - Grd., Ref# R-132	89-902	SPACER - Packaging (Cardboard)
38-117	BRUSH - Fld., Ref# R-131	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
38-117-3	BRUSH - Fld., Ref# R-131	D408XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
39-107	BRUSH HOLDER ASSY.	D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
39-1204	BRUSH HOLDER	D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
39-1501	PIN - Brush Holder (Steel)	D412	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	D425XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
39-1701	BRUSH SPRING - Brush	D712	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
42-1106	INSULATOR - Between Rectifier & S.R.E. Frame	DR5175	RECTIFIER (Wide-Fin Heat Sink, 3-Avalanche Diodes)
42-1302	INSULATOR - Batt. Term., used w/ 46-1157 Batt. Term.	DR5175PF	RECTIFIER (Wide-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
42-1303	INSULATOR - Regulator Screw	DR5176	RECTIFIER (Saw-Fin Heat Sink, 3-Avalanche Diodes)
46-1104	CAPACITOR	DR5176PF	RECTIFIER (Saw-Fin Heat Sink, 3-Press-Fit Avalanche Diodes)
46-1157	BATTERY TERMINAL (12-24 Int., M6 x 1.0 Ext.)	DR5177	RECTIFIER (Saw-Fin Heat Sink, 6-Avalanche Diodes)
46-1173	BATTERY TERMINAL ADAPTER - Round to Square Batt. Terminal	DR5177PF	RECTIFIER (Saw-Fin Heat Sink, 6-Press-Fit Avalanche Diodes)
46-1186	BATTERY TERMINAL (12-24 Int., Square)		
46-1310	CONNECTOR - Rect. to Reg.		
46-1500	BEARING RETAINER - D.E. Frame		
46-1500-1	BEARING RETAINER - D.E. Frame		
46-1601-1	SPACER - Pulley, Rotor w/ 108-120A Alts. (25.5mm OD x 10mm L)		
46-1610	TAPER COLLAR - Used w/ 24-1262 Pulley		
46-1613-1	SPACER - Rotor w/ 124A Alts. (25.5mm OD x 8.5mm L)		
46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)		
46-1803	REPAIR HARNESS - Regulator		

DELCO CS144 SERIES, EARLY

DELCO CS144 SERIES, LATE 124-145 AMP

DELCO CS144 SERIES, LATE



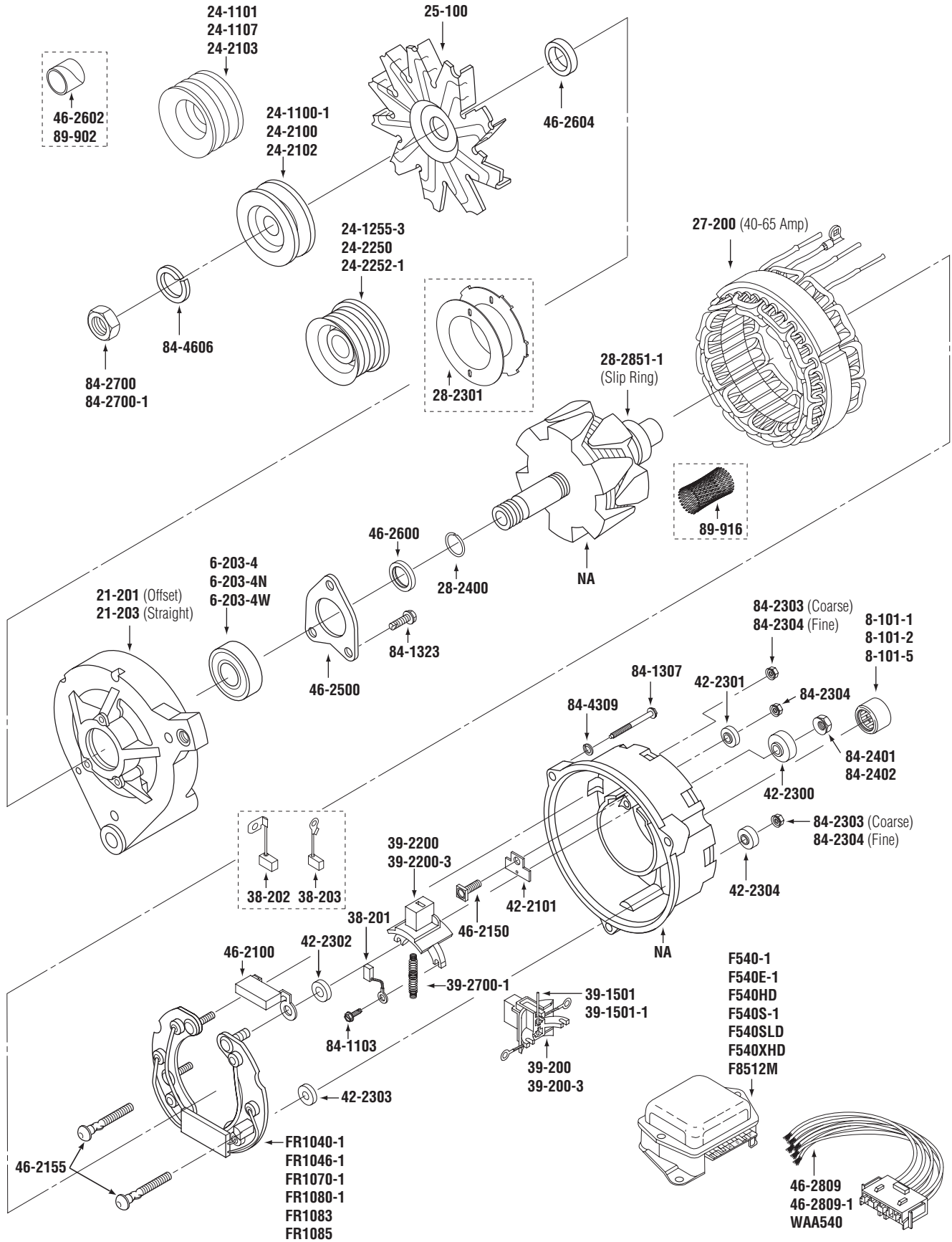
DELCO CS144 SERIES, LATE 124-145 AMP

WAI No.	Description	WAI No.	Description
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)	46-1310	CONNECTOR - Rect. to Reg.
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)	46-1458	COVER - Slip Ring
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)	46-1509	BEARING RETAINER - D.E. Frame w/ 6303 Brg. (Snap on Style)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-1566	MOUNTING BUSHING - S.R.E. Frame, used w/ 22-153 S.R.E. Frame (10mm ID)
8-121	INNER RACE - Rotor, used w/ 8-122 Ndl. Brg.	46-1601-1	SPACER - Pulley (25.5mm OD x 10mm L)
8-122	NEEDLE BEARING - S.R.E., used w/ 8-121 Brg. Race	46-1610	TAPER COLLAR - Used w/ 24-1269 Pulley
21-140	D.E. FRAME (12:00, 10mm Mtg. Ear)	46-1617-1	SPACER - Fan (25.5mm OD x 5.8mm L)
21-141	D.E. FRAME (12:00 Ear, M10 x 1.5)	46-1619-1	SPACER - Rotor (25.5mm OD x 6.5mm L)
21-156	D.E. FRAME (3-Mtg. Ears)	46-1803	REPAIR HARNESS - Regulator
21-166	D.E. FRAME (10:00, 10mm Mtg. Ear)	46-2602	SPACER - Packaging (Metal)
21-167	D.E. FRAME (9:15, 10mm Mtg. Ear)	84-1205	SCREW W/ INSULATOR - Capacitor (8-32 x 1-1/4 L, Hex, w/ Att. Washer)
22-133	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (2-M10 x 1.5 Mtg. Holes)	84-1212	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, w/ Att. Washer)
22-134	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. & 46-1201 Terminal Block	84-1225	SCREW - Brush Holder (8-32 x 1 L, Hex, Thd. Form.)
22-142	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (2-M10 x 1.5 Mtg. Holes)	84-1226	SCREW W/ INSULATOR - Regulator, Rectifier (8-32 x 31/32 L, Hex, w/ Att. Washer, Thd. Form.)
22-147	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (M10 x 1.5 Mtg. Hole)	84-1304	THRU BOLT (10-24 x 2-1/2 L)
22-153	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (10mm Mtg. Foot)	84-2200	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T)
22-154	S.R.E. FRAME - Used w/ 8-122 Ndl. Brg. (M8 x 1.25 Mtg. Hole)	84-2201	HEX NUT - Rectifier (8-32 x 11/32 F x 1/8 T, w/ Att. Washer)
24-1250	6-GROOVE PULLEY - 9mm Hub to 1st Groove (62mm OD)	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
24-1255-3	6-GROOVE PULLEY - 9mm Hub to 1st Groove (56mm OD, 9mm Hub to 1st Groove)	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
24-1257	5-GROOVE PULLEY (54mm OD)	84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
24-1269	6-GROOVE PULLEY - Used w/ 46-1610 Taper Collar (59mm OD)	84-4402	LOCK WASHER - Batt. Term. (5/16 ID, Split)
24-1277	6-GROOVE PULLEY - 14mm Hub to 1st Grv. (56mm OD)	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
24-1281	6-GROOVE PULLEY - 14mm Hub to 1st Grv. (61mm OD)	85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
25-103	FAN	85-2400	HEX NUT - Batt. Term. (M8 x 1.25 x 13mm F x 6.3mm T)
25-111	FAN (Plastic Vanes)	88-210	ALTERNATOR TEST LEAD
25-190	BAFFLE - Used w/ 25-103 Fan	89-214	SLEEVE RETAINING COMPOUND (24 ml)
27-125	STATOR - 108-124A	89-219	SLEEVE RETAINING COMPOUND (250 ml)
27-133	STATOR - 140-145A	89-902	SPACER - Packaging (Cardboard)
28-133	ROTOR - 124-145A, w/ 8-121 Brg. Race	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
28-1429	INSULATOR - Rotor (14.7mm L x 10.7mm W)	D408XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
28-1855	SLIP RING - Rotor (17.3mm ID x 29.3mm OD, Molded Leads)	D411HD-1	REGULATOR (P-L-I-S Terms, 14.7 Vset, 2.5 sec. LRC, Heavy-Duty)
28-1859	SLIP RING - Rotor (17.3mm ID x 29.3mm OD)	D411XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 2.5 sec. LRC, ASVR)
38-115	BRUSH - Grd., Ref# R-132	D412	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
38-115-3	BRUSH - Grd., Ref# R-132	D425XHD	REGULATOR (P-L-I-S Terms, 14.2 Vset, 2.5 sec. LRC, ASVR)
38-117	BRUSH - Fld., Ref# R-131	D445XHD	REGULATOR (P-L-F-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
38-117-3	BRUSH - Fld., Ref# R-131	D446XHD	REGULATOR (P-L-I-S Terms, 14.8 Vset, 10 sec. LRC, ASVR)
39-108	BRUSH HOLDER ASSY.	D712	REGULATOR (P-L-F-S Terms, 14.6 Vset, 10 sec. LRC, Remote Temp. Compensation)
39-108-3	BRUSH HOLDER ASSY.	DR5178	RECTIFIER (w/ Recessed Mtg. Hole, 6-Button Avalanche Diodes)
39-1207	BRUSH HOLDER	DR5178PF	RECTIFIER (w/ Recessed Mtg. Hole, 6-50A Press-Fit Avalanche Diodes)
39-1501	PIN - Brush Holder (Steel)	DR5179	RECTIFIER (wo/ Recessed Mtg. Hole, 6-Button Avalanche Diodes)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	DR5179PF	RECTIFIER (wo/ Recessed Mtg. Hole, 6-50A Press-Fit Avalanche Diodes)
39-1701	BRUSH SPRING - Brush	DR5180PF	RECTIFIER (wo/ Recessed Mtg. Hole, 6-70A Press-Fit Non-avalanche Diodes)
42-1106	INSULATOR - Between Rectifier & S.R.E. Frame		
42-1303	INSULATOR - Regulator Screw		
42-1311	INSULATOR - Batt. Term., used w/ 46-1178 Batt. Term.		
46-1104	CAPACITOR		
46-1178	BATTERY TERMINAL (M6 x 1.0 Int., M8 x 1.25 Ext.)		
46-1189	BATTERY TERMINAL (M6 x 1.0 Int., M6 x 1.0 Ext.)		
46-1200	3-TERMINAL BLOCK - Heated Windshield Application (M5 x 0.8 Studs)		
46-1201	3-TERMINAL BLOCK - Heated Windshield Application (Unthreaded Studs)		

DELCO CS144 SERIES, LATE

FORD 1G SERIES, 40-65 AMP

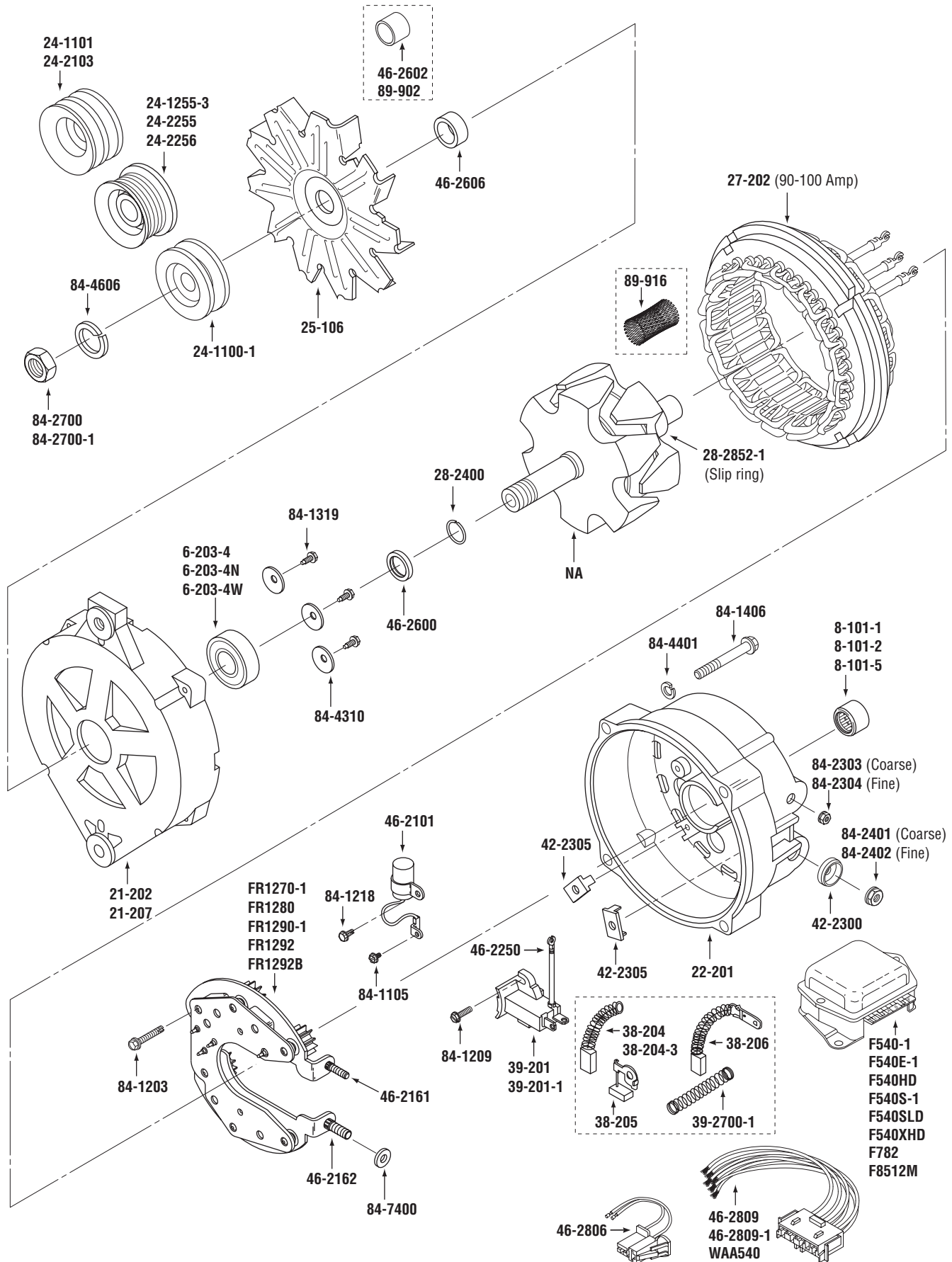
FORD 1G SERIES, 40-65 AMP



WAI No.	Description	WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	46-2150	FIELD TERMINAL (10-32)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	46-2155	STATOR TERMINAL (10-32 Twist Lock)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	46-2500	BEARING RETAINER - 5-Spoke D.E. Frame
8-101-1	NEEDLE BEARING - S.R.E.	46-2600	STOP COLLAR - Rotor
8-101-2	NEEDLE BEARING - S.R.E.	46-2602	SPACER - Packaging (Metal)
8-101-5	NEEDLE BEARING - S.R.E.	46-2604	SPACER - Fan (25.4mm OD x 3.9mm L)
21-201	D.E. FRAME (10:00, 3/8-16 Mtg. Ear)	46-2809	REPAIR HARNESS - Regulator
21-203	D.E. FRAME (12:00, 3/8-16 Mtg. Ear)	46-2809-1	REPAIR HARNESS - Regulator (OE-Style Connector)
24-1100-1	1-GROOVE PULLEY - 13mm Hub to 1st Groove (10mm Belt x 67mm OD)	84-1103	SCREW - Brush Holder (6-32 x 1/2 L, Slotted Hex, Thd. Cut.)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)	84-1307	THRU BOLT (10-24 x 2-1/8 L)
24-1107	2-GROOVE PULLEY (13mm Belts x 81mm OD)	84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	84-2303	HEX NUT - Grd., Stator Terms. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
24-2100	1-GROOVE PULLEY - 13mm Hub to 1st Groove (13mm Belts x 86mm OD)	84-2304	HEX NUT - Fld., Grd., Stator Terms. (10-32 x 5/16 F x 1/8 T, w/ Att. Washer)
24-2102	1-GROOVE PULLEY - 24.5mm Hub to 1st Groove (10mm Belts x 65mm OD)	84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
24-2103	2-GROOVE PULLEY (10mm/13mm Belts x 85mm OD)	84-2402	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 1/8 T, w/ Att. Washer)
24-2250	5-GROOVE PULLEY (48mm OD)	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
24-2252-1	6-GROOVE PULLEY (49mm OD)	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
25-100	FAN	84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
27-200	STATOR - 40-65A	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
28-2301	BOBBIN - Rotor	89-902	SPACER - Packaging (Cardboard)
28-2400	RETAINING RING - Rotor	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
28-2851-1	SLIP RING - Rotor	F540-1	REGULATOR (External, Solid State)
38-201	BRUSH - Fld. or Grd., Ref# F-39	F540E-1	REGULATOR (External, Solid State)
38-202	BRUSH - Late Fld. Style, Ref# F-4	F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
38-203	BRUSH - Late Grd. Style, Ref# F-43	F540S-1	REGULATOR (External, Solid State)
39-200	BRUSH HOLDER ASSY. - w/ 38-201 Brushes	F540SLD	REGULATOR (External, Solid State, Super Light Drive)
39-200-3	BRUSH HOLDER ASSY. - w/ 38-201 Brushes	F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
39-1501	PIN - Brush Holder (Steel)	F8512M	REGULATOR (External, Mechanical, Black Cover)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	FR1040-1	RECTIFIER (35A Press-Fit Diodes, Wire Form Type)
39-2200	BRUSH HOLDER	FR1046-1	RECTIFIER (50A Press-Fit Diodes, Wire Form Type)
39-2200-3	BRUSH HOLDER	FR1070-1	RECTIFIER (25A Button Diodes, Wire Form Type)
39-2700-1	SPRING - Brush	FR1080-1	RECTIFIER (25A Button Diodes, Circuit Board)
42-2101	INSULATOR - Field Term.	FR1083	RECTIFIER (35A Press-Fit Diodes, Circuit Board)
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)	FR1085	RECTIFIER (50A Press-Fit Diodes, Circuit Board)
42-2301	INSULATOR - Field Term. (No. 10 ID, White)	WAA540	TEST LEAD - Regulator
42-2302	INSULATOR - Batt. Term. (1/4 ID, Red)		
42-2303	INSULATOR - Stator Term. (No. 10 ID, Red)		
42-2304	INSULATOR - Stator Term. (No. 10 ID, Black)		
46-2100	CAPACITOR		

FORD 1G SERIES, 70-100 AMP

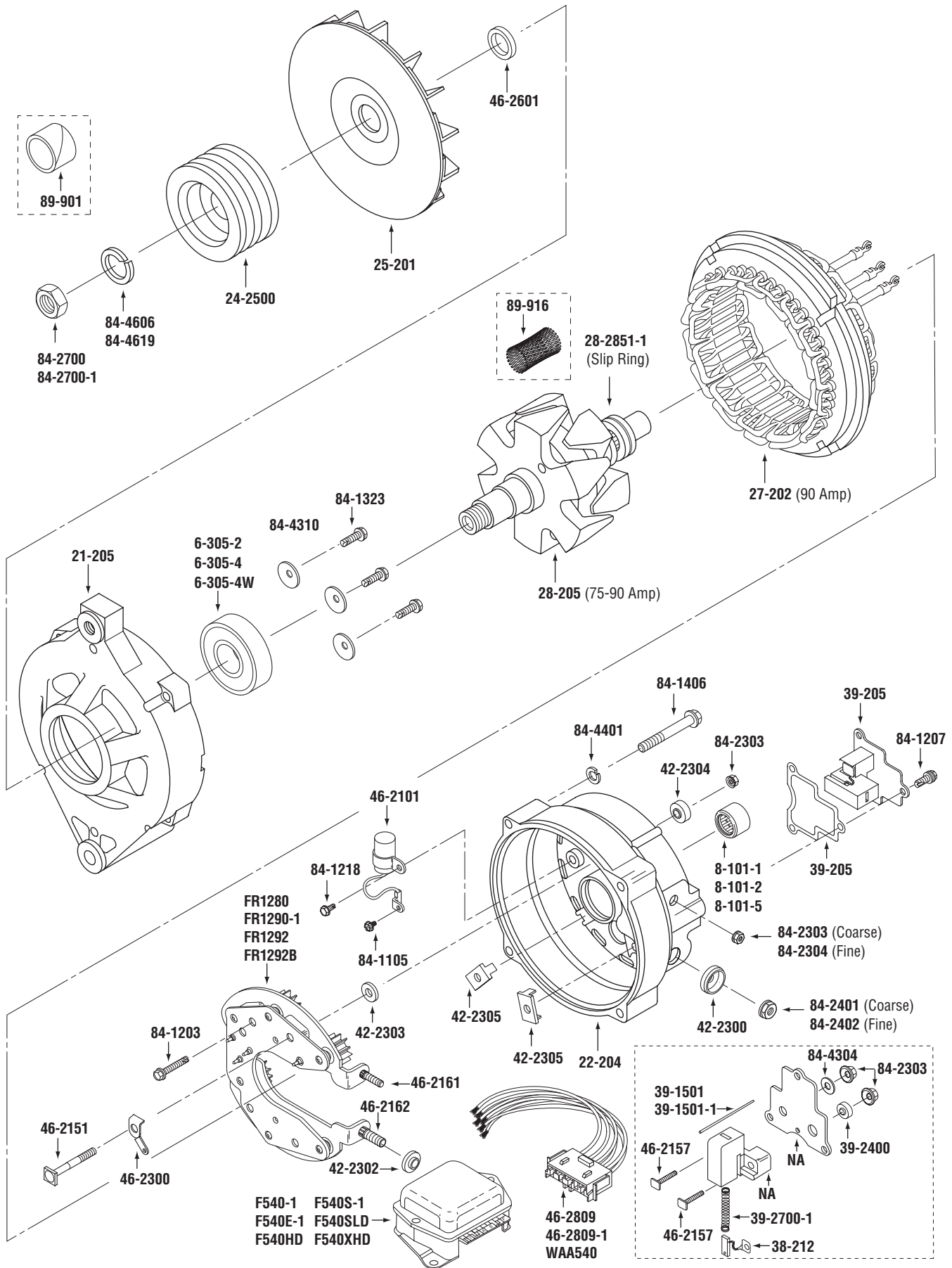
FORD 1G SERIES, 70-100 AMP



WAI No.	Description	WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)	84-1105	SCREW - Capacitor Lead (6-32 x 1/4 L, Slotted Hex, Thd. Cut.)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)	84-1203	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, Thd. Cut.)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	84-1209	SCREW - Brush Holder (8-32 x 5/8 L, Slotted Hex)
8-101-1	NEEDLE BEARING - S.R.E.	84-1218	SCREW - Capacitor Brkt. (8-32 x 3/8 L, Hex)
8-101-2	NEEDLE BEARING - S.R.E.	84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
8-101-5	NEEDLE BEARING - S.R.E.	84-1406	THRU BOLT (1/4-20 x 2 L)
21-202	D.E. FRAME (14mm Thin Mtg. Ear)	84-2303	HEX NUT - Grd. Term. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
21-207	D.E. FRAME (27mm Thick Mtg. Ear)	84-2304	HEX NUT - Grd. Term. (10-32 x 5/16 F x 1/8 T, w/ Att. Washer)
22-201	S.R.E. FRAME	84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
24-1100-1	1-GROOVE PULLEY (10mm Belt x 67mm OD)	84-2402	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 1/8 T, w/ Att. Washer)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
24-2103	2-GROOVE PULLEY (10mm/13mm Belts x 85mm OD)	84-4310	CONICAL WASHER - Brg. Retainer (#10 ID)
24-2255	4-GROOVE PULLEY (58mm OD)	84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
24-2256	6-GROOVE PULLEY (64mm OD)	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
25-106	FAN	84-7400	INSULATING WASHER - Batt. Term. (1/4 ID)
27-202	STATOR - 90-100A	89-902	SPACER - Packaging (Cardboard)
28-2400	RETAINING RING - Rotor	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
28-2852-1	SLIP RING - Rotor	F540-1	REGULATOR (External, Solid State)
38-204	BRUSH - Ref# F-55	F540E-1	REGULATOR (External, Solid State)
38-204-3	BRUSH - Ref# F-55	F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
38-205	BRUSH - Ref# F-56	F540S-1	REGULATOR (External, Solid State)
38-206	BRUSH - Ref# F-57	F540SLD	REGULATOR (External, Solid State, Super Light Drive)
39-201	BRUSH HOLDER ASSY.	F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
39-201-1	BRUSH HOLDER ASSY.	F782	REGULATOR (External, Digital Dash Applications)
39-2700-1	SPRING - Brush	F8512M	REGULATOR (External, Mechanical, Black Cover)
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)	FR1270-1	RECTIFIER (40A Diodes, Aluminum Heat Sink)
42-2305	INSULATOR - Rectifier	FR1280	RECTIFIER (50A Diodes, Star-shaped Heat Sinks)
46-2101	CAPACITOR	FR1290-1	RECTIFIER (50A Diodes, Copper Heat Sink)
46-2161	TERMINAL POST - Ground (10-24 x 29/32 L)	FR1292	RECTIFIER (70A Diodes, Copper Heat Sink)
46-2162	TERMINAL POST - Battery (1/4-20 x 15/16 L)	FR1292B	RECTIFIER (70A Diodes, Copper Heat Sink, Threaded Stator Posts)
46-2250	WIRE LEAD - Brush Holder	WAA540	TEST LEAD - Regulator
46-2600	STOP COLLAR - Rotor		
46-2602	SPACER - Packaging (Metal)		
46-2606	SPACER - Fan (22.1mm OD x 8.0mm L)		
46-2806	REPAIR HARNESS - Brush Holder		
46-2809	REPAIR HARNESS - Regulator		
46-2809-1	REPAIR HARNESS - Regulator (OE-Style Connector)		

FORD 1G SERIES, BLUE BACK TRUCK 75-90 AMP

FORD 1G SERIES, BLUE BACK TRUCK

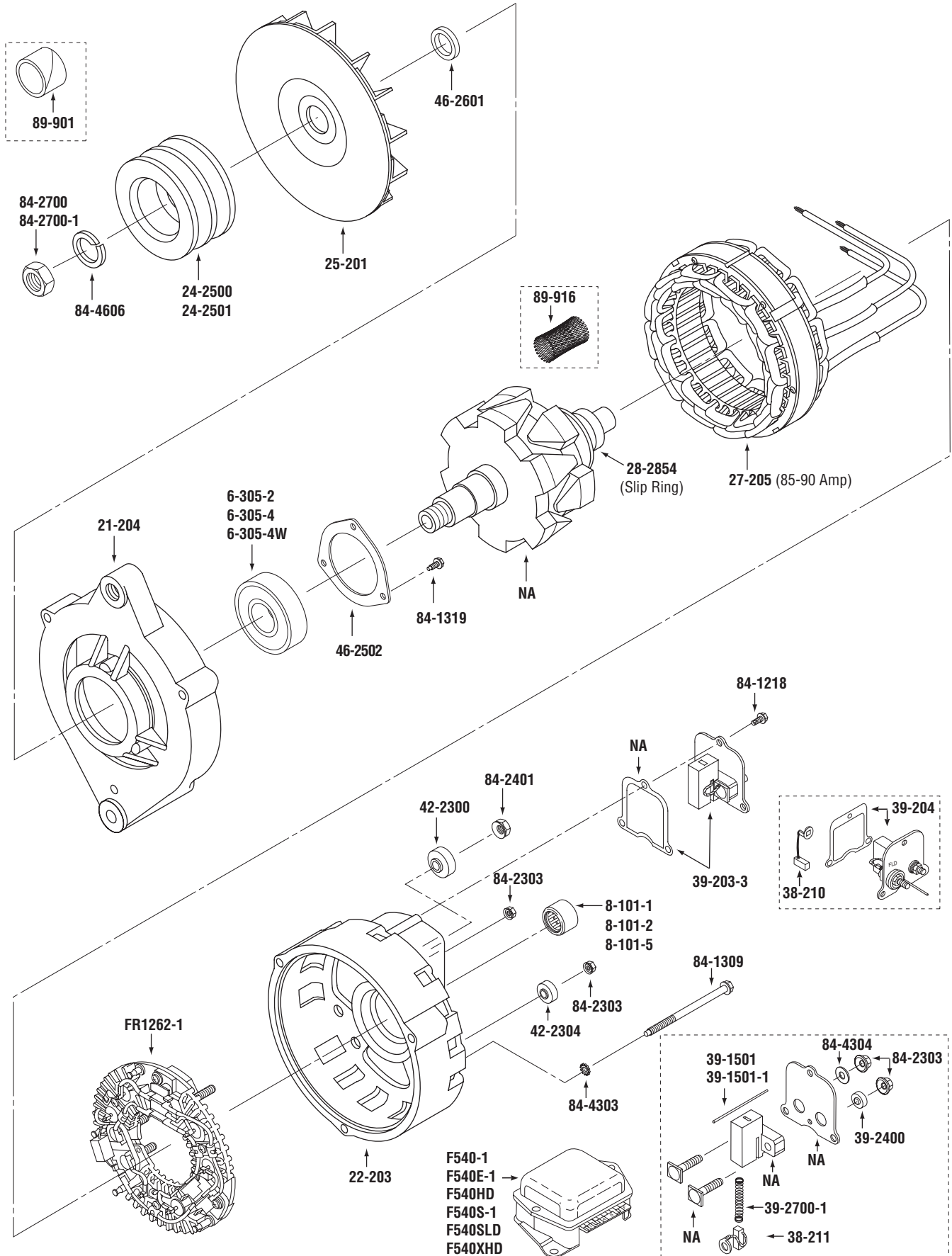


FORD 1G SERIES, BLUE BACK TRUCK 75-90 AMP

WAI No.	Description	WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)	84-1207	SCREW - Brush Holder (8-32 x 1/2 L, Hex, Thd. Cut.)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)	84-1218	SCREW - Capacitor Brkt. (8-32 x 3/8 L, Hex)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
8-101-1	NEEDLE BEARING - S.R.E.	84-1406	THRU BOLT (1/4-20 x 2 L)
8-101-2	NEEDLE BEARING - S.R.E.	84-2303	HEX NUT - Fld., Grd. Term. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
8-101-5	NEEDLE BEARING - S.R.E.	84-2304	HEX NUT - Grd. Term. (10-32 x 5/16 F x 1/8 T, w/ Att. Washer)
21-205	D.E. FRAME	84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
22-204	S.R.E. FRAME	84-2402	HEX NUT - Batt. Term. (1/4-28 x 7/16 F x 1/8 T, w/ Att. Washer)
24-2500	2-GROOVE PULLEY (13mm Belts x 84mm OD)	84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
25-201	FAN	84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
27-202	STATOR - 90A	84-4304	FLAT WASHER - Brush Holder (#10 ID)
28-205	ROTOR - 75-90A	84-4310	CONICAL WASHER - Brg. Retainer (#10 ID)
28-2851-1	SLIP RING - Rotor	84-4401	LOCK WASHER - Thru Bolt (1/4 ID, Split)
38-212	BRUSH - Ref# F-63	84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
39-205	BRUSH HOLDER ASSY.	84-4619	FLAT WASHER - Pulley (11/16 ID x 15/16 OD, Flat)
39-1501	PIN - Brush Holder (Steel)	89-901	SPACER - Packaging
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
39-2400	INSULATOR - Field Term.	F540-1	REGULATOR (External, Solid State)
39-2700-1	SPRING - Brush	F540E-1	REGULATOR (External, Solid State)
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)	F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
42-2302	INSULATOR - Batt. Term. (1/4 ID, Red)	F540S-1	REGULATOR (External, Solid State)
42-2303	INSULATOR - Stator Term. (No. 10 ID, Red)	F540SLD	REGULATOR (External, Solid State, Super Light Drive)
42-2304	INSULATOR - Stator Term. (No. 10 ID, Black)	F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
42-2305	INSULATOR - Rectifier	FR1280	RECTIFIER (50A Diodes, Star-shaped Heat Sinks)
46-2101	CAPACITOR	FR1290-1	RECTIFIER (50A Diodes, Copper Heat Sink)
46-2151	STATOR TERMINAL (10-24 x 1-3/4)	FR1292	RECTIFIER (70A Diodes, Copper Heat Sink)
46-2157	TERMINAL POST - Brush Holder	FR1292B	RECTIFIER (70A Diodes, Copper Heat Sink, Threaded Stator Posts)
46-2161	TERMINAL POST - Ground (10-24 x 29/32 L)	WAA540	TEST LEAD - Regulator
46-2162	TERMINAL POST - Battery (1/4-20 x 15/16 L)		
46-2300	CONNECTOR - Stator Term.		
46-2601	SPACER - Fan (32mm OD x 4mm L)		
46-2809	REPAIR HARNESS - Regulator		
46-2809-1	REPAIR HARNESS - Regulator (OE-Style Connector)		
84-1105	SCREW - Capacitor Lead (6-32 x 1/4 L, Slotted Hex, Thd. Cut.)		
84-1203	SCREW - Rectifier (8-32 x 1-1/8 L, Hex, Thd. Cut.)		

FORD 1G SERIES, TRUCK 65-90 AMP

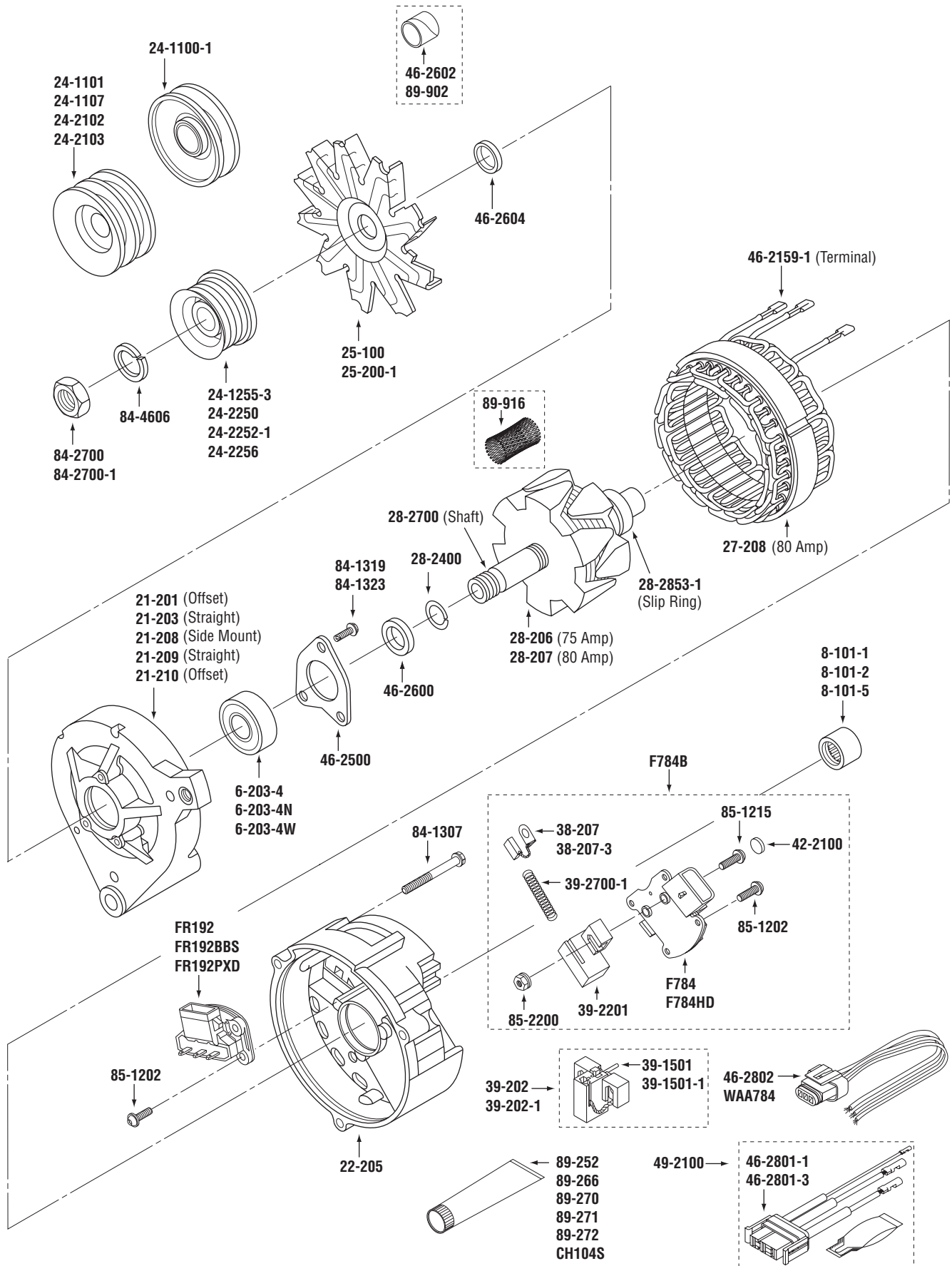
FORD 1G SERIES, TRUCK 65-90 AMP



WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-204	D.E. FRAME
22-203	S.R.E. FRAME
24-2500	2-GROOVE PULLEY (13mm Belts x 84mm OD)
24-2501	2-GROOVE PULLEY (10mm Belts x 78mm OD)
25-201	FAN
27-205	STATOR - 85-90A
28-2854	SLIP RING - Rotor
38-210	BRUSH - 39-204 Brush Hold., Ref# F-46 (1/2 L)
38-211	BRUSH - 39-203-3 Brush Hold., Ref# F-60 (5/8 L)
39-203-3	BRUSH HOLDER ASSY.
39-204	BRUSH HOLDER ASSY. - Early Style
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-2400	INSULATOR - Field Term.
39-2700-1	SPRING - Brush
42-2300	INSULATOR - Batt. Term. (1/4 ID, Red)
42-2304	INSULATOR - Stator Term. (No. 10 ID, Black)
46-2502	BEARING RETAINER - D.E. Frame
46-2601	SPACER - Fan (32mm OD x 4mm L)
84-1218	SCREW - Brush Holder (8-32 x 3/8 L, Hex)
84-1309	THRU BOLT (12-24 x 3 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-2303	HEX NUT - Rect., Brush Hold. (10-24 x 5/16 F x 1/8 T, w/ Att. Washer)
84-2401	HEX NUT - Batt. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4303	LOCK WASHER - Thru Bolt (#12 ID, Ext. Tooth)
84-4304	FLAT WASHER - Brush Holder (#10 ID)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
89-901	SPACER - Packaging
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
F540-1	REGULATOR (External, Solid State)
F540E-1	REGULATOR (External, Solid State)
F540HD	REGULATOR (External, Solid State, Adj. Volt., Heavy-Duty)
F540S-1	REGULATOR (External, Solid State)
F540SLD	REGULATOR (External, Solid State, Super Light Drive)
F540XHD	REGULATOR (External, Solid State, Heavy-Duty)
FR1262-1	RECTIFIER

FORD 2G SERIES

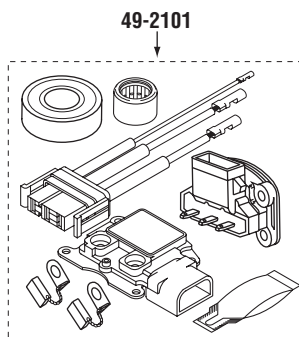
FORD 2G SERIES



WAI No.	Description
6-203-4	BALL BEARING - D.E. (Dbl. Sealed)
6-203-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN)
6-203-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-101-1	NEEDLE BEARING - S.R.E.
8-101-2	NEEDLE BEARING - S.R.E.
8-101-5	NEEDLE BEARING - S.R.E.
21-201	D.E. FRAME - 40-75A Alts. (10:00, 3/8-16 Mtg. Ear)
21-203	D.E. FRAME - 40-75A Alts. (12:00, 3/8-16 Mtg. Ear)
21-208	D.E. FRAME - 75-80A Alts. (Side Mount)
21-209	D.E. FRAME - 80A Alts. (12:00, 3/8-16 Mtg. Ear)
21-210	D.E. FRAME - 80A Alts. (10:00, 3/8-16 Mtg. Ear)
22-205	S.R.E. FRAME
24-1100-1	1-GROOVE PULLEY - 13mm Hub to 1st Groove (10mm Belt x 67mm OD)
24-1101	2-GROOVE PULLEY (10mm Belts x 67mm OD)
24-1107	2-GROOVE PULLEY (13mm Belts x 81mm OD)
24-1255-3	6-GROOVE PULLEY (56mm OD, 9mm Hub to 1st Groove)
24-2102	1-GROOVE PULLEY - 24.5mm Hub to 1st Groove (10mm Belts x 65mm OD)
24-2103	2-GROOVE PULLEY (10mm/13mm Belts x 85mm OD)
24-2250	5-GROOVE PULLEY (48mm OD)
24-2252-1	6-GROOVE PULLEY (49mm OD)
24-2256	6-GROOVE PULLEY (64mm OD)
25-100	FAN - (Steel)
25-200-1	FAN (Turbo Fan)
27-208	STATOR - 80A (102mm ID)
28-206	ROTOR - 75A (90.5mm OD)
28-207	ROTOR - 80A (101mm OD)
28-2400	RETAINING RING - Rotor
28-2700	SHAFT - 28-206, 28-207 Rotors
28-2853-1	SLIP RING - Rotor
38-207	BRUSH - Ref# F-64
38-207-3	BRUSH - Ref# F-64
39-202	BRUSH HOLDER ASSY.
39-202-1	BRUSH HOLDER ASSY.
39-1501	PIN - Brush Holder (Steel)
39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
39-2201	BRUSH HOLDER
39-2201-3	BRUSH HOLDER
39-2700-1	SPRING - Brush
42-2100	INSULATOR - Brush Screw

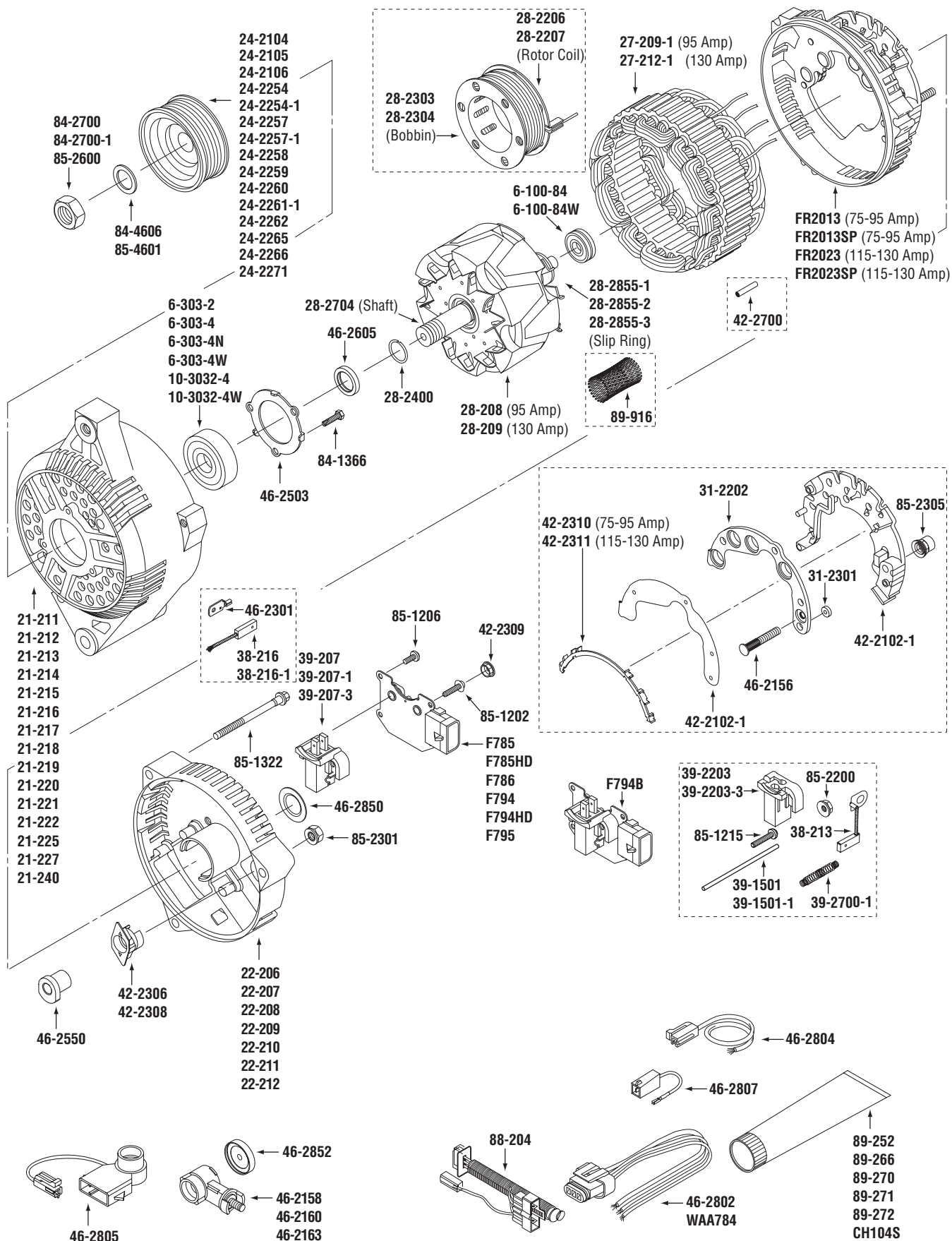
WAI No.	Description
46-2159-1	TERMINAL - Stator Lead (100/Bag)
46-2500	BEARING RETAINER - D.E. Frame
46-2600	STOP COLLAR - Rotor
46-2602	SPACER - Packaging (Metal)
46-2604	SPACER - Fan (25.4mm OD x 3.9mm L)
46-2801-1	REPAIR HARNESS - Rectifier
46-2801-3	REPAIR HARNESS - Rectifier (Mfd. by OE Supplier)
46-2802	REPAIR HARNESS - Regulator
49-2100	REPAIR HARNESS - Rectifier, w/ Instructions (Mfd. by OE Supplier)
49-2101	REPAIR KIT
84-1307	THRU BOLT (10-24 x 2-1/8 L)
84-1319	SCREW - Brg. Retainer (10-24 x 1/2 L, Hex)
84-1323	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
84-2700	HEX NUT - Pulley (.668-20 x 15/16 F x 5/16 T)
84-2700-1	HEX NUT - Pulley (.668-20 x 15/16 F x 7/16 T)
84-4606	LOCK WASHER - Pulley (11/16 ID, Split)
85-1202	SCREW - Rectifier, Regulator (M4 x 0.7 x 17mm L, T20 Torx, Thd. Form.)
85-1215	SCREW - Brush Holder (M4 x 0.7 x 18 mm L)
85-2200	HEX NUT - Brush Holder (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-902	SPACER - Packaging (Cardboard)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
F784	REGULATOR (Black)
F784B	REGULATOR / BRUSH HOLDER ASSY. w/ 39-202 BH Assy., F784 Regulator (Black)
F784HD	REGULATOR (Black, Heavy Duty)
FR192	RECTIFIER (25A Diodes)
FR192BBS	RECTIFIER (50A w/ Integral BBS Pigtail Leads)
FR192PXD	RECTIFIER (50A Press-Fit Diodes, Heavy Duty)
WAA784	TEST LEAD - Regulator

FORD 2G SERIES



FORD 3G SERIES

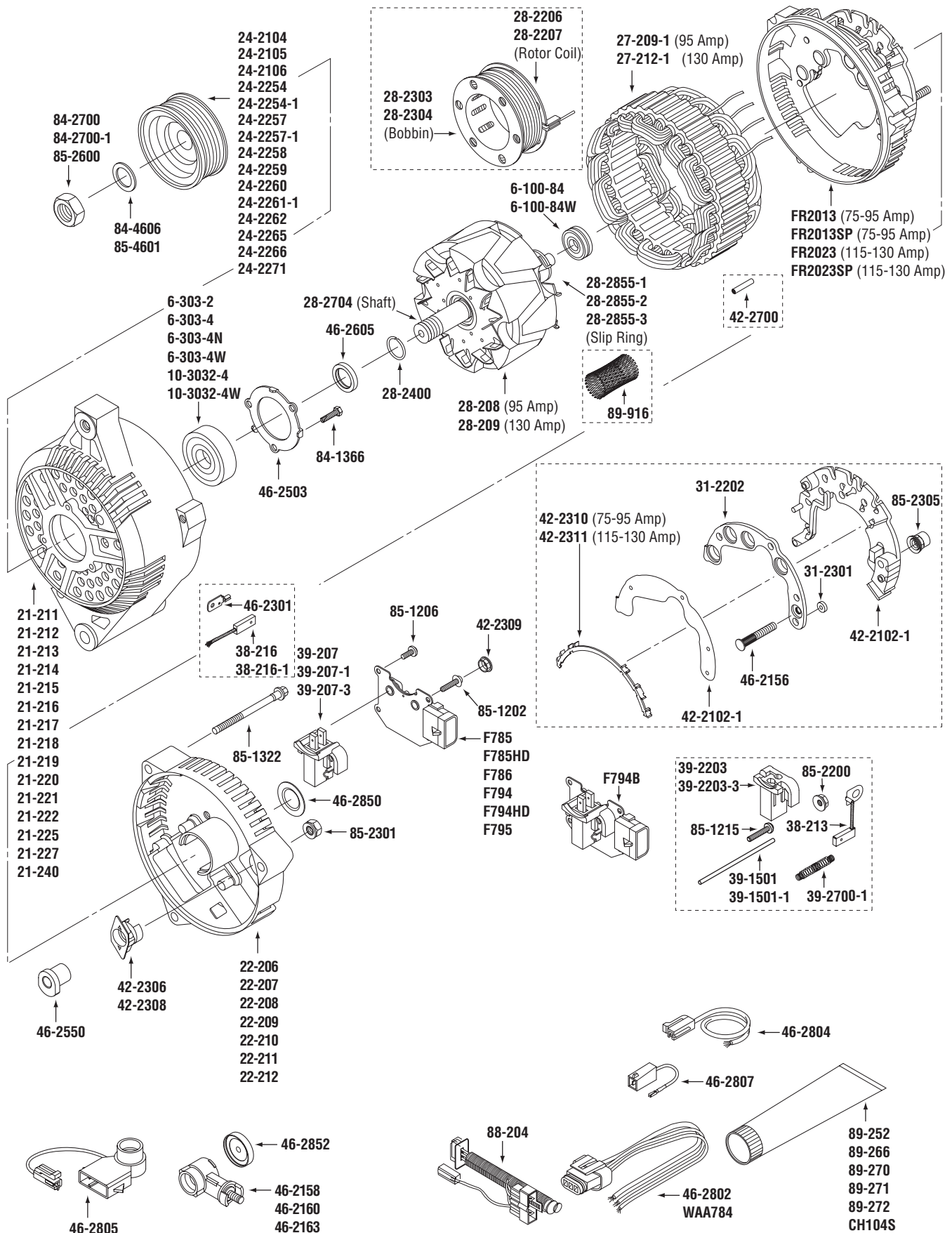
FORD 3G SERIES



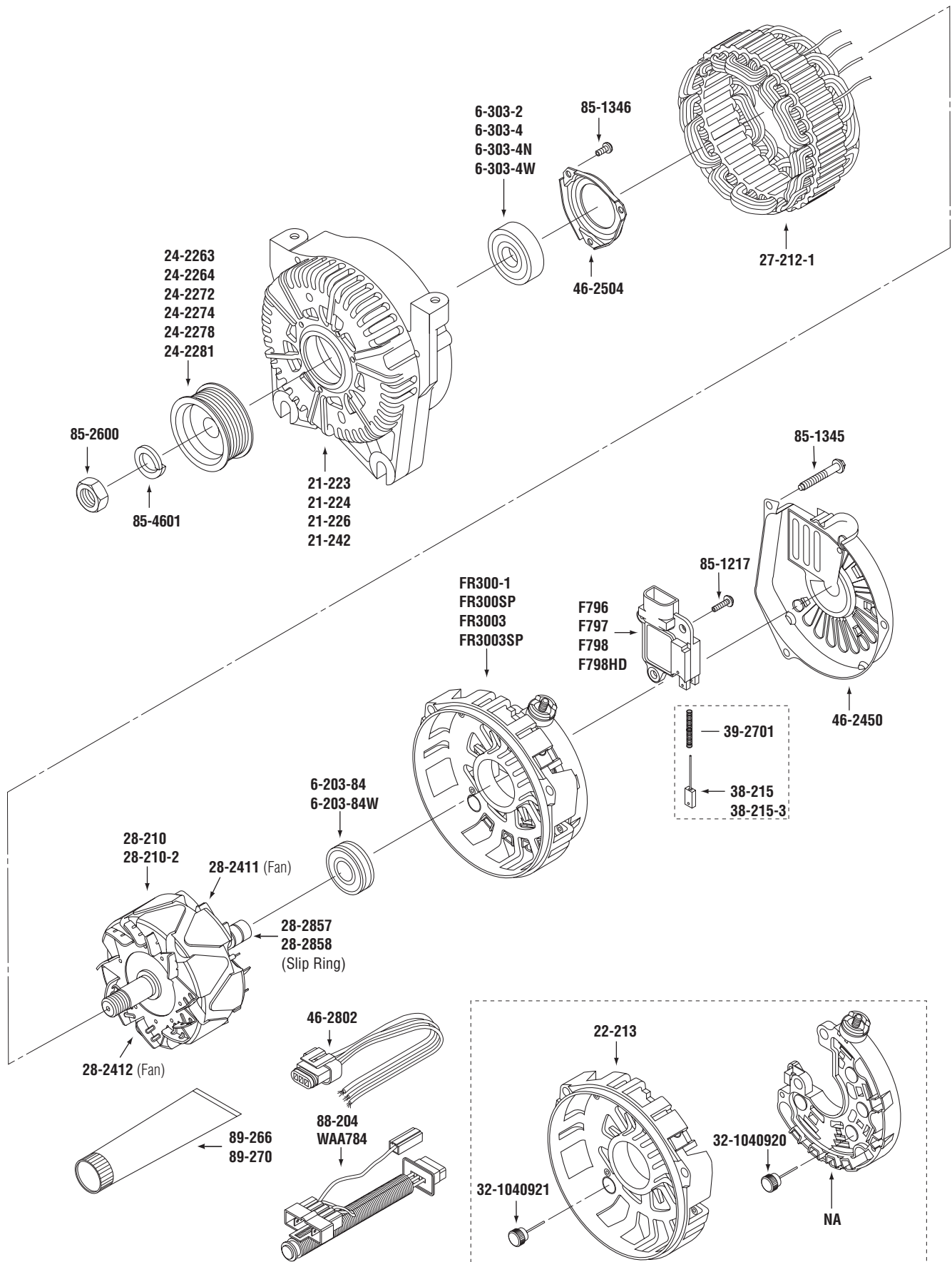
WAI No.	Description	WAI No.	Description
6-100-84	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings)	27-209-1	STATOR - 95A (129mm Lam OD)
6-100-84W	BALL BEARING - S.R.E. (Dbl. Sealed w/ Tolerance Rings, WBD)	27-212-1	STATOR - 130A (142mm Lam OD)
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)	28-208	ROTOR - 95A
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)	28-209	ROTOR - 130A
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)	28-2206	ROTOR COIL - 95A , used in 28-208 Rotor
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)	28-2207	ROTOR COIL - 130A , used in 28-209 Rotor
10-3032-4	BALL BEARING - D.E., used w/ 21-225 (Dbl. Sealed, 24mm Wide)	28-2303	BOBBIN - 95A Rotor, used in 28-2206 Rotor Coil
10-3032-4W	BALL BEARING - D.E., used w/ 21-225 (Dbl. Sealed, 24mm Wide, WBD)	28-2304	BOBBIN - 130A Rotor, used in 28-2207 Rotor Coil
21-211	D.E. FRAME (10:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)	28-2400	RETAINING RING - Rotor
21-212	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)	28-2704	SHAFT - Rotor (.668-20 Shaft Threads)
21-213	D.E. FRAME (Side Mount, 135mm Frame OD)	28-2855-1	SLIP RING (Split Slip Ring, Straight Leads)
21-214	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)	28-2855-2	SLIP RING (Split Slip Ring, U-Shaped Leads)
21-215	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 148mm Frame OD)	28-2855-3	SLIP RING (Split Slip Ring, Extra Long Straight Leads)
21-216	D.E. FRAME (V-Shaped Feet, 135mm Frame OD)	31-2202	POSITIVE HEAT SINK - Rectifier
21-217	D.E. FRAME (V-Shaped Feet, 148mm Frame OD)	31-2301	INSULATOR - Rectifier
21-218	D.E. FRAME (Side Mount, 148mm Frame OD)	38-213	BRUSH - 1st Design Brush Holder Assy. w/ Epoxied Leads
21-219	D.E. FRAME (12:00, 10mm Mtg. Ear, 148mm Frame OD)	38-216	BRUSH - 2nd Design Brush Holder Assy. w/ Epoxied Leads
21-220	D.E. FRAME (12:00, M8 x 1.25 Mtg. Ear, 148mm Frame OD)	38-216-1	BRUSH - 2nd Design Brush Holder Assy. w/ Epoxied Leads
21-221	D.E. FRAME (10:00, 10mm Mtg. Ear, 148mm Frame OD)	39-207	BRUSH HOLDER ASSY. - 2nd Design w/ Epoxied Brush Leads, Mfd. by OE Supplier
21-222	D.E. FRAME (2:00, 11mm Mtg. Ear, 148mm Frame OD)	39-207-1	BRUSH HOLDER ASSY. - 2nd Design w/ Epoxied Brush Leads, Mfd. by WAI
21-225	D.E. FRAME - Use w/ 10-3032-4 Brg. (12:00, M8 x 1.25 Mtg. Ear, 135mm Frame OD)	39-207-3	BRUSH HOLDER ASSY. - 2nd Design w/ Epoxied Brush Leads, Mfd. by WAI
21-227	D.E. FRAME (12:00, 8mm Mtg. Ear, 135mm Frame OD)	39-1501	PIN - Brush Holder (Steel)
21-240	D.E. FRAME (V-Shaped Feet, 148mm Frame OD)	39-1501-1	PIN - Brush Holder (Plastic Coated Steel)
22-206	S.R.E. FRAME (135mm Frame OD)	39-2203	BRUSH HOLDER - 1st Design wo/ Epoxied Brush Leads
22-207	S.R.E. FRAME (135mm Frame OD, M10 x 1.50 Mtg. Foot)	39-2203-3	BRUSH HOLDER - 1st Design wo/ Epoxied Brush Leads
22-208	S.R.E. FRAME (148mm Frame OD)	39-2700-1	SPRING - Brush
22-209	S.R.E. FRAME (135mm Frame OD, M6 x 1.0 Mtg. Hole)	42-2102-1	INSULATOR - Rectifier
22-210	S.R.E. FRAME (148mm Frame OD, M6 x 1.0 Mtg. Hole)	42-2306	INSULATOR - Batt. Term. (1st Design)
22-211	S.R.E. FRAME (148mm Frame OD, M10 x 1.5 Mtg. Foot)	42-2308	INSULATOR - Batt. Term. (2nd Design, w/ Flange)
22-212	S.R.E. FRAME (148mm Frame OD, 10mm Mtg. Foot)	42-2309	CAP - Regulator Term.
24-2104	1-GROOVE PULLEY (10mm Belt x 76mm OD)	42-2310	INSULATOR - Stator Leads, used w/ 133mm Dia. Heat Sink
24-2105	2-GROOVE PULLEY (10mm/13mm Belts x 73mm OD)	42-2311	INSULATOR - Stator Leads, used w/ 146mm Dia. Heat Sink
24-2106	2-GROOVE PULLEY (13mm Belts x 75mm OD)	42-2700	INSULATOR - Stator Leads (25mm L)
24-2254	6-GROOVE PULLEY - wo/ Recess for D.E. Frame wo/ Raised Collar (57mm OD)	46-2156	BATTERY TERMINAL
24-2254-1	6-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (55mm OD)	46-2158	BATTERY TERMINAL (M6 x 1.0 x 60mm OAL, Red)
24-2257	6-GROOVE PULLEY - wo/ Recess for D.E. Frame wo/ Raised Collar (66mm OD)	46-2160	BATTERY TERMINAL (M6 x 1.0 x 63mm OAL, White)
24-2257-1	6-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (66mm OD)	46-2163	BATTERY TERMINAL (M6 x 1.0 x 61mm OAL, Black)
24-2258	7-GROOVE PULLEY (58mm OD)	46-2301	TERMINAL - Brush Lead, Used in 2nd Design Brush Holder w/ Epoxied Leads
24-2259	5-GROOVE PULLEY (57mm OD)	46-2503	BEARING RETAINER - D.E. Frame w/ 6303 Brg.
24-2260	8-GROOVE PULLEY (69mm OD)	46-2550	MOUNTING BUSHING - S.R.E. Frame (M10 x 1.5 Internal Thds.)
24-2261-1	8-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (64mm OD)	46-2605	STOP COLLAR - Rotor
24-2262	7-GROOVE PULLEY (64mm OD)	46-2802	REPAIR HARNESS - Regulator (D-Shaped Plug)
24-2265	8-GROOVE PULLEY - Used w/ 21-225 D.E. Frame (68mm OD)	46-2804	REPAIR HARNESS - Stator Term.
24-2266	8-GROOVE PULLEY (58mm OD)	46-2805	TERMINAL ADAPTER - Converts Ford 3G to replace Mitsubishi used on Ford Taurus, Tempo, Topaz
24-2271	6-GROOVE PULLEY (48mm OD)	46-2807	REPAIR PLUG - Rectifier, used to repair broken Stator Terminal on Rectifier
		46-2850	BEARING COVER PLUG - S.R.E. Frame
		46-2852	CAP - Batt. Term. Extension
		84-1366	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
		84-2700	HEX NUT - Pulley, w/ 1st Design Rotor (.668-20 x 15/16 F x 5/16 T)
		84-2700-1	HEX NUT - Pulley, w/ 1st Design Rotor (.668-20 x 15/16 F x 7/16 T)
		84-4606	LOCK WASHER - Pulley, w/ 1st Design Rotor (11/16 ID, Split)

FORD 3G SERIES (cont'd.)

FORD 3G SERIES



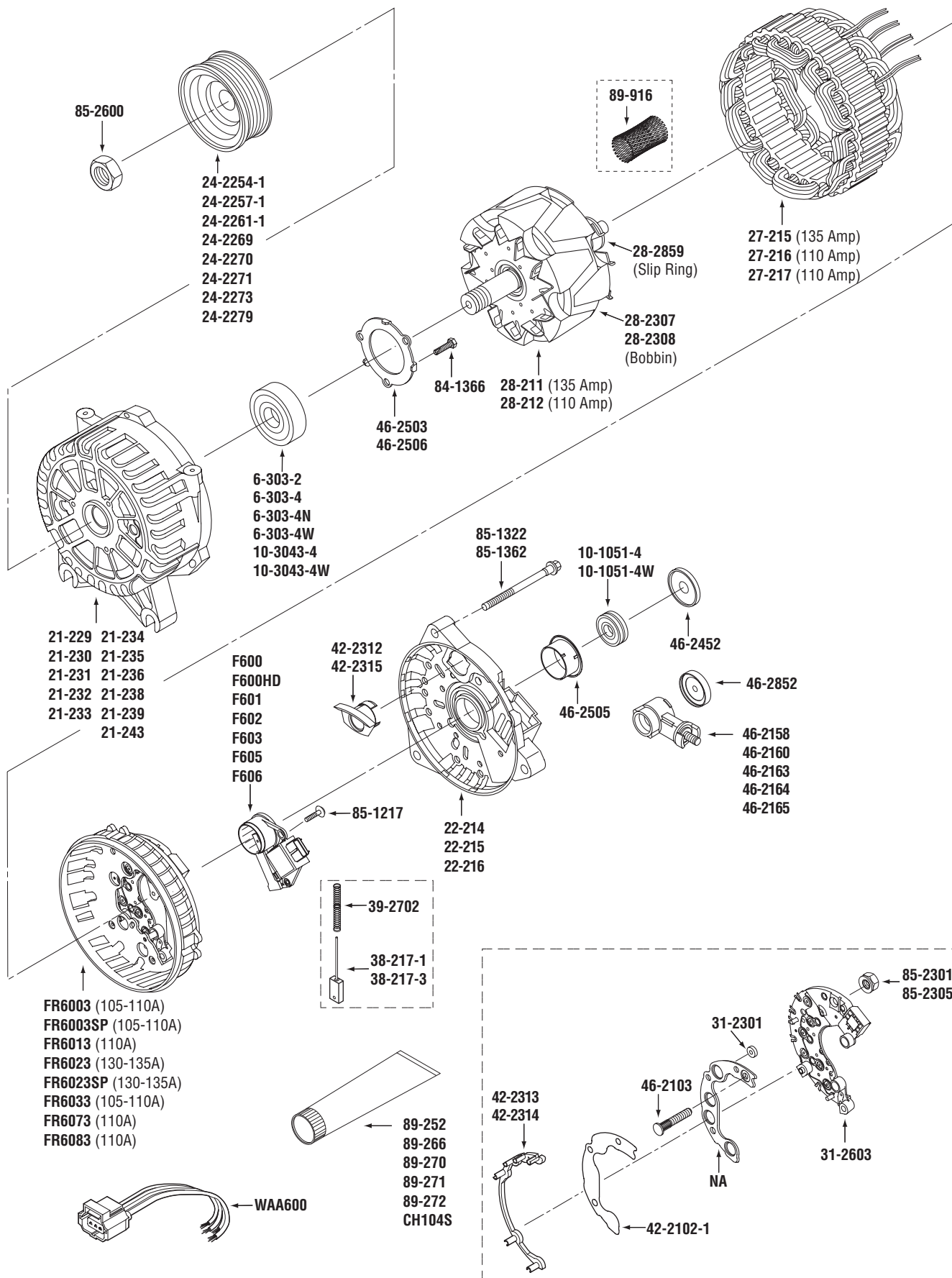
WAI No.	Description
85-1202	SCREW - Used w/ 2nd Design Brush Holder w/ Epoxied Leads (M4 x 0.7 x 17mm L, T20 Torx, Thd. Form.)
85-1206	SCREW - Regulator (M4 x 0.7 x 9.5mm L, T20 Torx, Thd. Form.)
85-1215	SCREW - Used w/ 1st Design Brush Holder wo/ Epoxied Leads (M4 x 0.7 x 18 mm L)
85-1322	THRU BOLT (M6 x 1.0 x 71mm L)
85-2200	HEX NUT - Used w/ 1st Design Brush Holder wo/ Epoxied Leads (M4 x 0.7 x 9mm F x 4mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-2305	HEX NUT - Batt. Term. (M6 x 1.0 x 12mm F x 12.8mm T, w/ Att. Washer)
85-2600	HEX NUT - Pulley w/ 2nd Design Rotor (M16 x 1.5 x 24mm F x 8mm T)
85-4601	LOCK WASHER - Pulley, w/ 2nd Design Rotor (16mm ID, Split)
88-204	TEST LEAD - Regulator (D-Shaped Plug)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
F785	REGULATOR (Square Plug, wo/ LRC, Black)
F785HD	REGULATOR (Square Plug, wo/ LRC, Black, Heavy Duty)
F786	REGULATOR (Square Plug, LRC, White)
F794	REGULATOR (wo/ LRC, Gray)
F794B	REGULATOR / BRUSH HOLDER ASSY. - Inc. F794 Reg. & 39-207 Brush Hold.
F794HD	REGULATOR (wo/ LRC, Gray, Heavy-Duty)
F795	REGULATOR (10 sec. LRC, White)
FR2013	RECTIFIER - 75-95A Alts. (133mm Heat Sink OD, Drop-down Stator Connection)
FR2013SP	RECTIFIER - 75-95A Alts. (133mm Heat Sink OD, Hi-Output Alts.)
FR2023	RECTIFIER - 115-130A Alts. (146mm Heat Sink OD, Drop-down Stator Connection)
FR2023SP	RECTIFIER - 115-130A Alts. (146mm Heat Sink OD, Hi-Output Alts.)
WAA784	TEST LEAD - Regulator (D-Shaped Plug)



WAI No.	Description
6-203-84	BALL BEARING - S.R.E. (Dbl. Sealed w/ Plastic Tolerance Rings)
6-203-84W	BALL BEARING - S.R.E. (Dbl. Sealed w/ Plastic Tolerance Rings, WBD)
6-303-2	BALL BEARING - D.E. (Dbl. Shielded)
6-303-4	BALL BEARING - D.E. (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E. (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-223	D.E. FRAME (V-Shaped Feet)
21-224	D.E. FRAME (12:30 & 10:00, 10mm Mtg. Ears)
21-226	D.E. FRAME (Side Mount)
21-242	D.E. FRAME - Used w/ 24-2278 Clutch Pulley (V-Shaped Feet)
22-213	S.R.E. FRAME
24-2263	6-GROOVE PULLEY (59mm OD)
24-2264	6-GROOVE PULLEY (64mm OD)
24-2272	6-GROOVE PULLEY (52mm OD)
24-2274	6-GROOVE PULLEY (75mm OD)
24-2278	6-GROOVE PULLEY (60mm OD, w/ Overrunning Clutch)
24-2281	6-GROOVE PULLEY (53mm OD, w/ Overrunning Clutch)
27-212-1	STATOR - 130A (142mm Lam OD)
28-210	ROTOR - 130A
28-210-2	ROTOR - 130A
28-2411	FAN - Rotor, S.R.E.
28-2412	FAN - Rotor, D.E.
28-2857	SLIP RING
28-2858	REPAIR SLIP RING
32-1040920	POSITIVE DIODE (40A/300V, 1.3mm x 18.5mm, Tin Plated Lead)
32-1040921	NEGATIVE DIODE (40A/300V, 1.3mm x 24.5mm, Tin Plated Lead)
38-215	BRUSH
38-215-3	BRUSH
39-2701	BRUSH SPRING
46-2450	COVER - S.R.E. Frame
46-2504	BEARING RETAINER - D.E. Frame
46-2802	REPAIR HARNESS - Regulator
85-1217	SCREW - Regulator (M4 x 0.7 x 13mm L, T20 Torx, Thd. Form.)
85-1345	THRU BOLT (M6 x 1.0 x 41mm L)
85-1346	SCREW - Brg. Retainer (M5 x 0.8 x 10mm L, T20 Torx, Thd. Form.)
85-2600	HEX NUT - Pulley (M16 x 1.5 x 24mm F x 8mm T)
85-4601	LOCK WASHER - Pulley (16mm ID, Split)
88-204	TEST LEAD
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
F796	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terminals, 10 sec. LRC, Black)
F797	REGULATOR / BRUSH HOLDER ASSY. (LI-RC-AS Terminals, White)
F798	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terminals, wo/ LRC, Gray)
F798HD	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terminals, wo/ LRC, Gray, Heavy Duty)
FR300-1	RECTIFIER (50A Press-fit Diodes)
FR300SP	RECTIFIER (60A Press-fit Avalanche Diodes)
FR3003	RECTIFIER (50A Press-fit Diodes)
FR3003SP	RECTIFIER (60A Press-fit Avalanche Diodes)
WAA784	TEST LEAD - Regulator

FORD 6G SERIES

FORD 6G SERIES

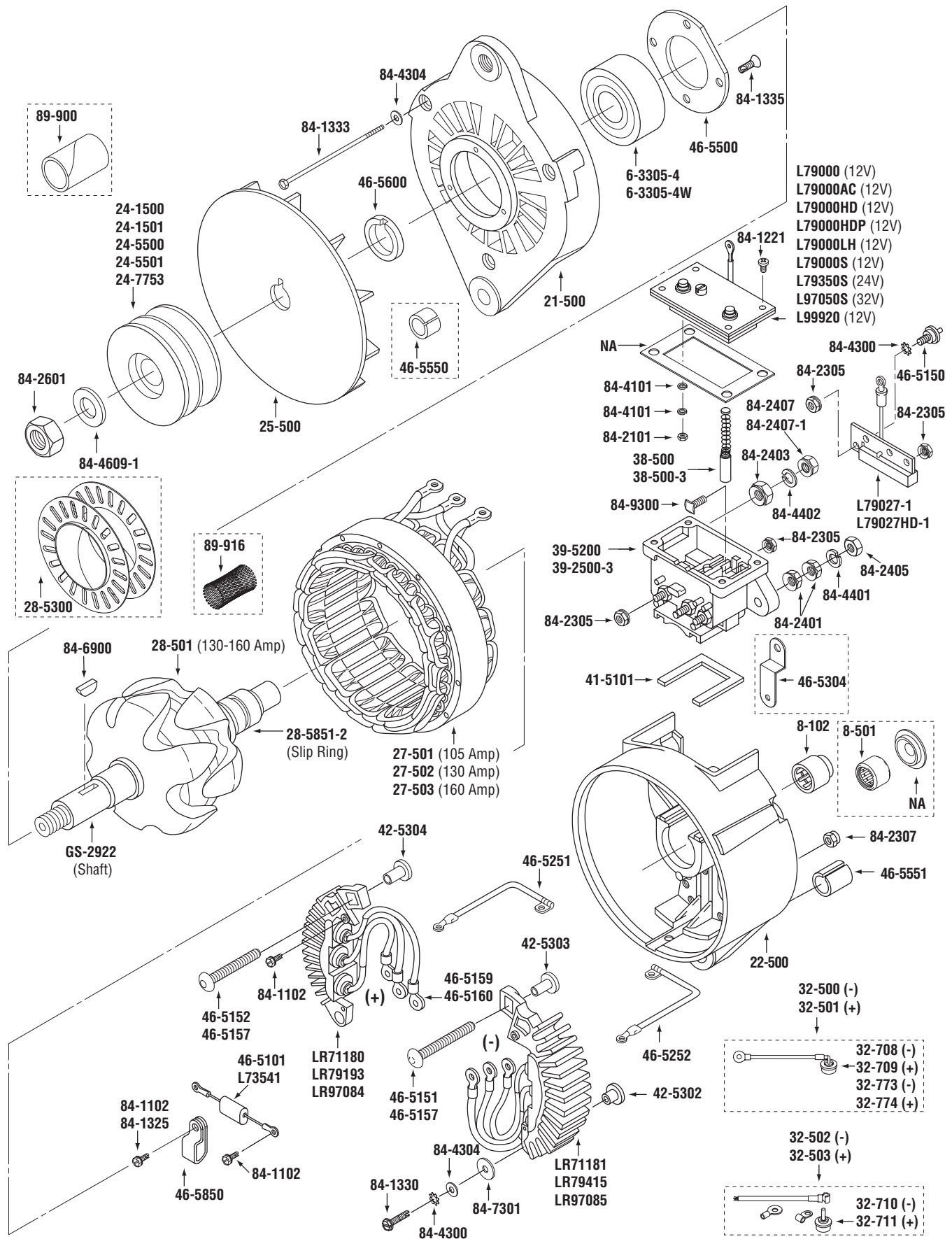


WAI No.	Description
6-303-2	BALL BEARING - D.E., 47mm OD (Dbl. Shielded)
6-303-4	BALL BEARING - D.E., 47mm OD (Dbl. Sealed)
6-303-4N	BALL BEARING - D.E., 47mm OD (Dbl. Sealed, NTN Hi-Temp.)
6-303-4W	BALL BEARING - D.E., 47mm OD (Dbl. Sealed, WBD)
10-1051-4	BALL BEARING - S.R.E. (Dbl. Sealed, wo/ Retaining Ring)
10-1051-4W	BALL BEARING - S.R.E. (Dbl. Sealed, wo/ Retaining Ring, WBD)
10-3043-4	BALL BEARING - D.E., 52mm OD (Dbl. Sealed)
10-3043-4W	BALL BEARING - D.E., 52mm OD (Dbl. Sealed)
21-229	D.E. FRAME (V-Shaped Feet, Large Frame)
21-230	D.E. FRAME (Side Mount, Small Frame)
21-231	D.E. FRAME (12:00, 10mm Mtg. Ear, Small Frame)
21-232	D.E. FRAME - Used w/ 10-3043-4 Brg. (Side Mount, Small Frame)
21-233	D.E. FRAME (10:00, 8mm Mtg. Ear, Small Frame)
21-234	D.E. FRAME (Side Mount, Large Frame)
21-235	D.E. FRAME (V-Shaped Feet, Small Frame)
21-236	D.E. FRAME - Used w/ 10-3043-4 Brg. (12:00, M8 x 1.25 Mtg. Ear, Small Frame)
21-238	D.E. FRAME (Side Mount, Small Frame)
21-239	D.E. FRAME (2:00, M10 x 1.50 Mtg. Ear, Small Frame)
21-243	D.E. FRAME (V-Shaped Feet, Large Frame)
22-214	S.R.E. FRAME (139mm Frame OD, M8 x 1.25 Mtg. Hole)
22-215	S.R.E. FRAME (130mm Frame OD, M8 x 1.25 Mtg. Hole)
22-216	S.R.E. FRAME (134mm Frame OD, M8 x 1.25 Mtg. Ear)
24-2254-1	6-GROOVE PULLEY (55mm OD)
24-2257-1	6-GROOVE PULLEY - w/ Recess for D.E. Frame w/ Raised Collar (66mm OD)
24-2261-1	8-GROOVE PULLEY - 9mm from Hub to 1st Groove (64mm OD)
24-2269	8-GROOVE PULLEY (69mm OD)
24-2270	8-GROOVE PULLEY - 6.5mm from Hub to 1st Groove (64mm OD)
24-2271	6-GROOVE PULLEY (48mm OD)
24-2273	8-GROOVE PULLEY (69mm OD)
24-2279	6-GROOVE PULLEY (60mm OD, w/ Overrunning Clutch)
27-215	STATOR - 130-135A (142mm Lam OD)
27-216	STATOR - 110A (130mm Lam OD, 2-Leads/Phase)
27-217	STATOR - 110A (130mm Lam OD, 1-Lead/Phase)
28-211	ROTOR (135A)
28-212	ROTOR (110A)
28-2307	BOBBIN - 95-110A Rotor, used in 28-212 Rotor
28-2308	BOBBIN - 130-135A Rotor, used in 28-211 Rotor
28-2859	SLIP RING
31-2301	INSULATOR - Rectifier
31-2603	CIRCUIT BOARD - Rectifier (2-Stator Leads/Phase)
38-217-1	BRUSH
38-217-3	BRUSH
39-2702	BRUSH SPRING
42-2102-1	INSULATOR - Rectifier
42-2312	INSULATOR - Batt. Term.
42-2313	INSULATOR - Stator Leads, 105-110A
42-2314	INSULATOR - Stator Leads, 135A
42-2315	INSULATOR - Batt. Term.
46-2103	BATTERY TERMINAL
46-2158	BATTERY TERMINAL (M6 x 1.0 x 60mm OAL, Red)
46-2160	BATTERY TERMINAL (M6 x 1.0 x 63mm OAL, White)

WAI No.	Description
46-2163	BATTERY TERMINAL (M6 x 1.0 x 61mm OAL, Black)
46-2164	BATTERY TERMINAL (M6 x 1.0 x 63mm OAL, Gray)
46-2165	BATTERY TERMINAL (M6 x 1.0 x 54mm OAL, Green)
46-2452	COVER - S.R.E. Bearing
46-2503	BEARING RETAINER - D.E. Frame w/ 6303 Brg.
46-2505	TOLERANCE RING - S.R.E. Bearing
46-2506	BEARING RETAINER - D.E. Frame w/ 10-3043-4 Brg.
46-2852	CAP - Batt. Term.
84-1366	SCREW - Brg. Retainer (10-24 x 5/8 L, Hex, Thd. Cut.)
85-1217	SCREW - Regulator (M4 x 0.7 x 13mm L, T20 Torx, Thd. Form.)
85-1322	THRU BOLT (M6 x 1.0 x 71mm L)
85-1362	THRU BOLT (M6 x 1.0 x 71mm L w/ M5 x 1.30 x 11mm L Ext.)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-2305	HEX NUT - Batt. Term. (M6 x 1.0 x 12mm F x 12.8mm T, w/ Att. Washer)
85-2600	HEX NUT - Pulley (M16 x 1.5 x 24mm F x 8mm T)
89-252	HEAT TRANSFER GREASE - Rectifier (5 oz. Tube)
89-266	DIELECTRIC GREASE - Regulator Term. Connection (5 oz Tube)
89-270	DIELECTRIC GREASE - Regulator Term. Connection (Gel Capsule)
89-271	HEAT TRANSFER GREASE - Rectifier (26 oz. Cartridge)
89-272	HEAT TRANSFER GREASE - Rectifier (32 oz. Tube)
89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
CH104S	HEAT TRANSFER GREASE - Rectifier (1.5 oz. Syringe)
F600	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terms., wo/ Soft Start, Gray w/ Gray Cover)
F600HD	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terms., wo/ Soft Start, Gray w/ Gray Cover, Heavy Duty)
F601	REGULATOR / BRUSH HOLDER ASSY. (LI-RC-AS (FR-SIG-A) Terms., White)
F602	REGULATOR / BRUSH HOLDER ASSY. (I-FR-A Terms., White w/ White Cover)
F603	REGULATOR / BRUSH HOLDER ASSY. (I-FR-A Terms., White w/ Orange Cover)
F605	REGULATOR / BRUSH HOLDER ASSY. (I-D-A Terms., Soft Start, Gray w/ Green Cover)
F606	REGULATOR / BRUSH HOLDER ASSY. (I-FR-A Terms., Black)
FR6003	RECTIFIER - 105-110A Alts. (136mm Heat Sink OD, 2-Stator Leads/Phase, Drop-down Stator Connection)
FR6003SP	RECTIFIER - 105-110A Alts. (136mm Heat Sink OD, 2-Stator Leads/Phase, Hi-Output Alts.)
FR6013	RECTIFIER - 110A Alts. (136mm Heat Sink OD, 2-Stator Leads/Phase, Drop-down Stator Connection)
FR6023	RECTIFIER - 130-135A Alts. (149mm Heat Sink OD, 2-Stator Leads/Phase, Drop-down Stator Connection)
FR6023SP	RECTIFIER - 130-135A Alts. (149mm Heat Sink OD, 2-Stator Leads/Phase, Hi-Output Alts.)
FR6033	RECTIFIER - 105-110A Alts. (136mm Heat Sink OD, 2-Stator Lead/Phase, Drop-down Stator Connection)
FR6073	RECTIFIER - 110A Alts. (136mm Heat Sink OD, 1-Stator Lead/Phase, Drop-down Stator Connection)
FR6083	RECTIFIER - 110A Alts. (136mm Heat Sink OD, 1-Stator Lead/Phase, Drop-down Stator Connection)
WAA600	REPAIR HARNESS - Regulator

LEECE-NEVILLE 2300-2800JB SERIES

LEECE-NEVILLE 2300-2800JB SERIES



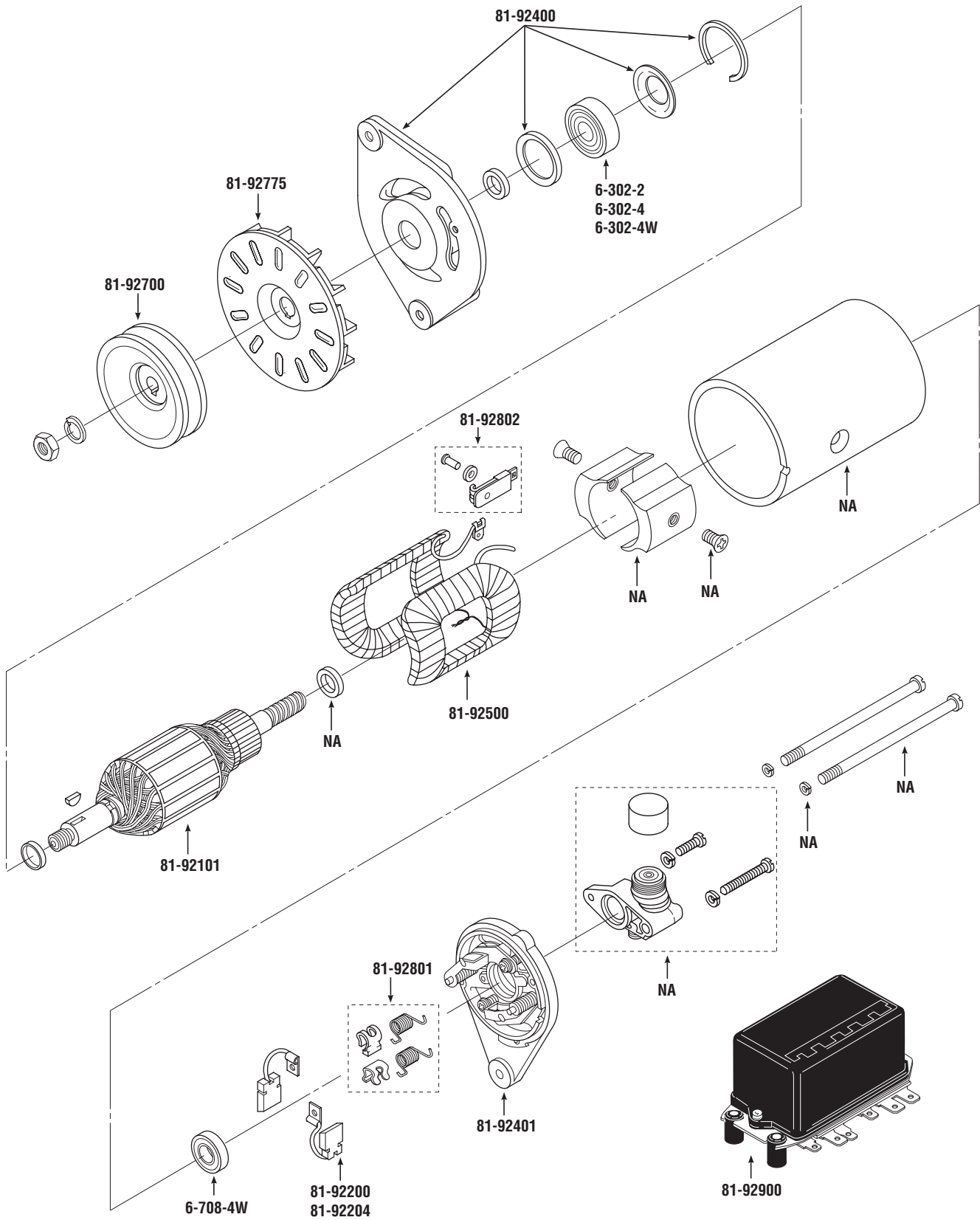
LEECE-NEVILLE 2300-2800JB SERIES

WAI No.	Description	WAI No.	Description
6-3305-4	BALL BEARING - D.E., Ref# W6305 (Dbl. Sealed)	84-1330	SCREW - Rectifier (10-32 x 7/8 L, Slotted Hex, Thd. Cut.)
6-3305-4W	BALL BEARING - D.E., Ref# W6305 (Dbl. Sealed, WBD)	84-1333	THRU BOLT (10-32 x 5-3/8 L)
8-102	NEEDLE BEARING - S.R.E. (Closed End)	84-1335	SCREW - Brg. Retainer (10-32 x 5/8 L, Phillips, Thd. Cut.)
8-501	NEEDLE BEARING - S.R.E. (Open End)	84-2101	HEX NUT - Regulator (6-32 x 5/16 F x 1/8 T)
21-500	D.E. FRAME	84-2305	HEX NUT - Terminal Block, Diode Trio (10-32 x 3/8 F x 1/8 T, w/ Att. Washer)
22-500	S.R.E. FRAME - 2300-2700JB	84-2307	HEX NUT - Thru Bolt (10-32 x 3/8 F x 1/4 T, Nylon Lock)
24-1500	2-GROOVE PULLEY - 14mm Hub to 1st Groove (79mm OD w/ Keyway)	84-2401	HEX NUT - Neg. Term. (1/4-20 x 7/16 F x 3/16 T, w/ Att. Washer)
24-1501	2-GROOVE PULLEY - Cummins No. 213326, 33.5mm Hub to 1st Groove (89mm OD w/ Keyway)	84-2403	HEX NUT - Pos. Term. (5/16-18 x 9/16 F x 1/4 T, w/ Att. Washer)
24-5500	2-GROOVE PULLEY - Mack No. 302GC2295 (113mm OD w/ Keyway)	84-2405	HEX NUT - Neg. Term. (1/4-20 x 7/16 F x 7/32 T)
24-5501	3-GROOVE PULLEY - Mack No. 310GC273 (13mm Belts x 108mm OD w/ Keyway)	84-2407	HEX NUT - Pos. Term. (5/16-18 x 1/2 F x 3/16 T, Zinc Plated)
24-7753	2-GROOVE PULLEY - 9.5mm Hub to 1st Groove (82mm OD w/ Keyway)	84-2407-1	HEX NUT - Pos. Term. (5/16-18 x 1/2 F x 1/4 T, Zinc Plated)
25-500	FAN	84-2601	HEX NUT - Pulley (5/8-18 x 15/16 F x 5/8 T, Top Lock)
27-501	STATOR - 105A	84-4101	LOCK WASHER - Regulator (#6 ID, Split)
27-502	STATOR - 130A	84-4300	LOCK WASHER - Rectifier, Relay Terminal (#10 ID, Ext. Tooth)
27-503	STATOR - 160A	84-4304	FLAT WASHER - Rectifier, Thru-bolt (#10 ID)
28-501	ROTOR - 130-160A/12V	84-4401	LOCK WASHER - Neg. Term. (1/4 ID, Split)
28-5300	BOBBIN - Rotor	84-4402	LOCK WASHER - Pos. Term. (5/16 ID, Split)
28-5851-2	SLIP RING - Rotor	84-4609-1	FLAT WASHER - Pulley (11/16 ID)
32-500	NEGATIVE DIODE ASSY. (35A/100V)	84-6900	WOODRUFF KEY - Rotor (5/32 W x 3/4 Dia. x .3 H)
32-501	POSITIVE DIODE ASSY. (35A/100V)	84-7301	INSULATING WASHER - Rectifier (#10 ID)
32-502	NEGATIVE DIODE ASSY. (50A/200V)	84-9300	STUD - Brush Holder (10-32 x 5/8 L)
32-503	POSITIVE DIODE ASSY. (50A/200V)	89-900	SPACER - Packaging (Cardboard)
32-708	NEGATIVE DIODE (35A, 1/2 Press-Fit)	89-916	PROTECTIVE MESH - Protects Slip Ring from handling damage
32-709	POSITIVE DIODE (35A, 1/2 Press-Fit)	GS-2922	SHAFT - Rotor
32-710	NEGATIVE DIODE (50A, 1/2 Press-Fit)	L73541	CAPACITOR - Early Style
32-711	POSITIVE DIODE (50A, 1/2 Press-Fit)	L79000	REGULATOR - 12V (Trio Activated, wo/ Finned Case)
32-773	NEGATIVE DIODE (35A, 1/2 Press-Fit)	L79000AC	REGULATOR - 12V (Stator Activated, Finned Case)
32-774	POSITIVE DIODE (35A, 1/2 Press-Fit)	L79000HD	REGULATOR - 12V (Trio Activated, Finned Case, Heavy-Duty)
38-500	BRUSH - Ref# L-84	L79000HDP	REGULATOR - 12V (Trio Activated, Finned Case, Heavy-Duty)
38-500-3	BRUSH - Ref# L-84	L79000LH	REGULATOR - 12V (Trio or Stator Activated, Finned Case, OE Compliant)
39-5200	BRUSH HOLDER	L79000S	REGULATOR - 12V (Trio Activated, Finned Case)
39-5200-3	BRUSH HOLDER	L79027-1	DIODE TRIO
41-5101	GASKET - Brush Holder	L79027HD-1	DIODE TRIO (Heavy Duty)
42-5302	INSULATOR - Rectifier	L79350S	REGULATOR - 24V
42-5303	INSULATOR - Neg. Term.	L97050S	REGULATOR - 32V
42-5304	INSULATOR - Pos. Term.	L99920	REGULATOR - 12V (Dual Stator Leads for 2505JB, 2706JB, 2808JB, 2819JB)
46-5101	CAPACITOR - Late Style	LR71180	POSITIVE RECTIFIER - 65-105A Alts. (35A Diodes, 25mm Thk. Heat Sink)
46-5150	RELAY TERMINAL	LR71181	NEGATIVE RECTIFIER - 65-105A Alts. (35A Diodes, 25mm Thk. Heat Sink)
46-5151	TERMINAL POST - Neg. (1/4-20 x 2-1/2)	LR79193	POSITIVE RECTIFIER - 130A Alts. (50A Diodes, 25mm Thk. Heat Sink)
46-5152	TERMINAL POST - Pos. (5/16-18 x 2-1/2)	LR79415	NEGATIVE RECTIFIER - 130A Alts. (50A Diodes, 25mm Thk. Heat Sink)
46-5157	TERMINAL POST - 2800JB Alt. (5/16-18 x 3-7/16 L)	LR97084	POSITIVE RECTIFIER - 145-160A Alts. (50A Diodes, 43mm Thk. Heat Sink)
46-5159	CONNECTOR - Diode Wire Lead (Straight)	LR97085	NEGATIVE RECTIFIER - 145-160 Alts. (50A Diodes, 43mm Thk. Heat Sink)
46-5160	CONNECTOR - Diode Wire Lead (Angle)		
46-5251	WIRE LEAD - Pos. Rectifier to Reg. (Red)		
46-5252	WIRE LEAD - Neg. Rectifier to Reg. (Black)		
46-5304	CONNECTOR - Neg. Term. to Ground		
46-5500	BEARING RETAINER - D.E. Frame		
46-5550	REPAIR BUSHING - D.E. Frame Mtg. Foot		
46-5551	MOUNTING BUSHING - S.R.E. Frame		
46-5600	SPACER - Fan (34.7mm OD x 5mm L)		
46-5850	BRACKET - Capacitor		
84-1102	SCREW - Rectifier, Capacitor (6-32 x 3/8 L, Hex, Thd. Cut.)		
84-1221	SCREW - Regulator (8-32 x 5/16 L, Phillips)		
84-1325	SCREW - Capacitor Brkt. (10-32 x 3/8 L, Slotted Hex, Thd. Cut.)		

LEECE-NEVILLE 2300-2800JB SERIES

LUCAS C40T GENERATOR FOR TRACTOR

LUCAS C40T GENERATOR FOR TRACTOR

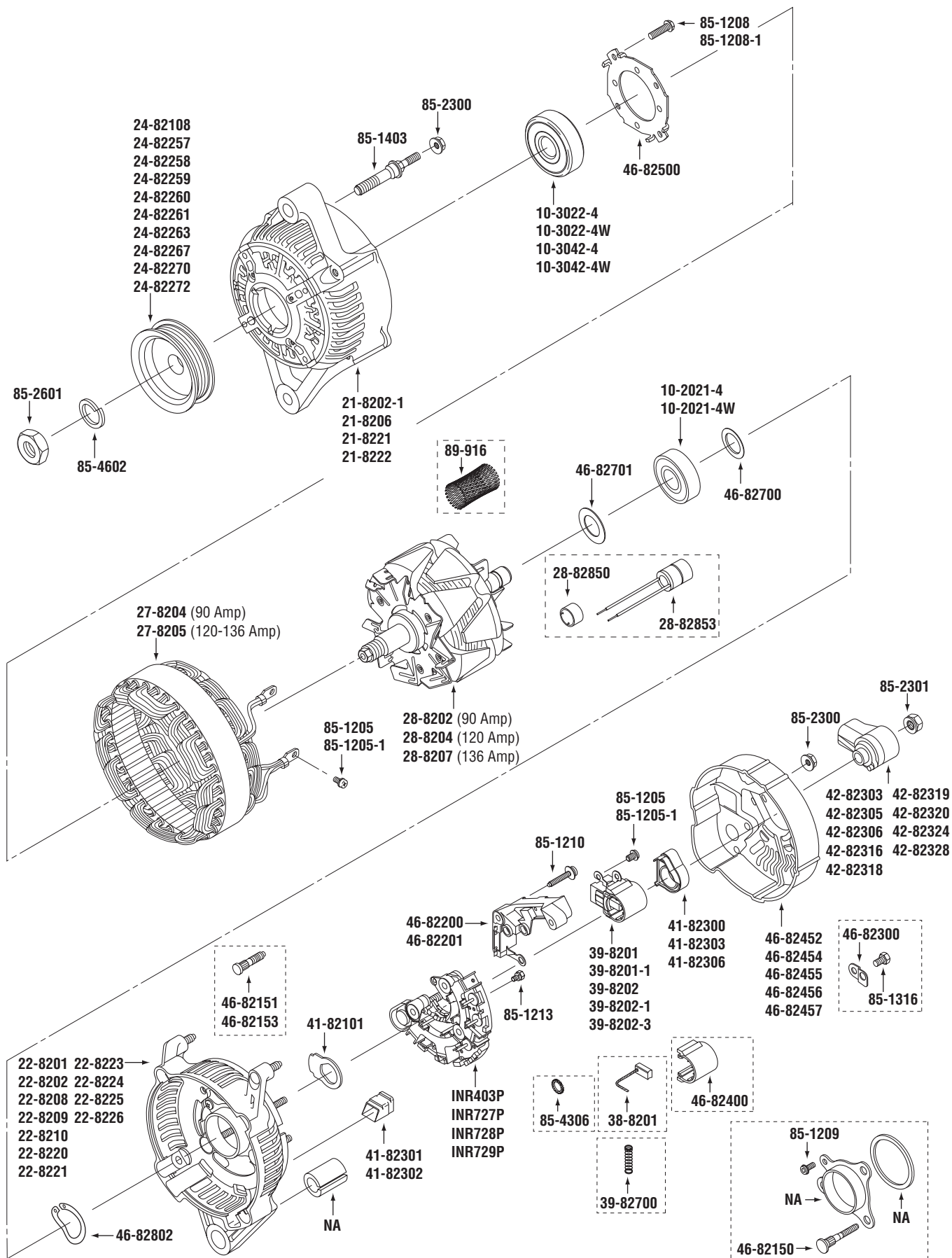


LUCAS C40T GENERATOR FOR TRACTOR

WAI No.	Description
6-302-2	BALL BEARING - D.E. (Dbl. Shielded)
6-302-4	BALL BEARING - D.E. (Dbl. Sealed)
6-302-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
6-708-4W	BALL BEARING - C.E. (Dbl. Sealed, WBD)
81-92101	ARMATURE
81-92200	BRUSH (5.5mm T x 17mm W x 23mm L)
81-92204	BRUSH (5.5mm T x 19mm W x 18.5mm L)
81-92400	D.E. FRAME
81-92401	C.E. FRAME
81-92500	FIELD COIL
81-92700	1-GROOVE PULLEY (13mm Belt x 89mm OD x 15mm Bore w/ Keyway)
81-92775	FAN (15mm ID x 127mm OD w/ Keyway)
81-92801	BRUSH SPRING KIT
81-92802	TERMINAL KIT - Field Coil
81-92900	REGULATOR (12V, B-Circuit)

NIPPONDENSO 90, 120 AMP FOR CHRYSLER

NIPPONDENSO 90-120A FOR CHRYSLER



NIPPONDENSO 90, 120 AMP FOR CHRYSLER

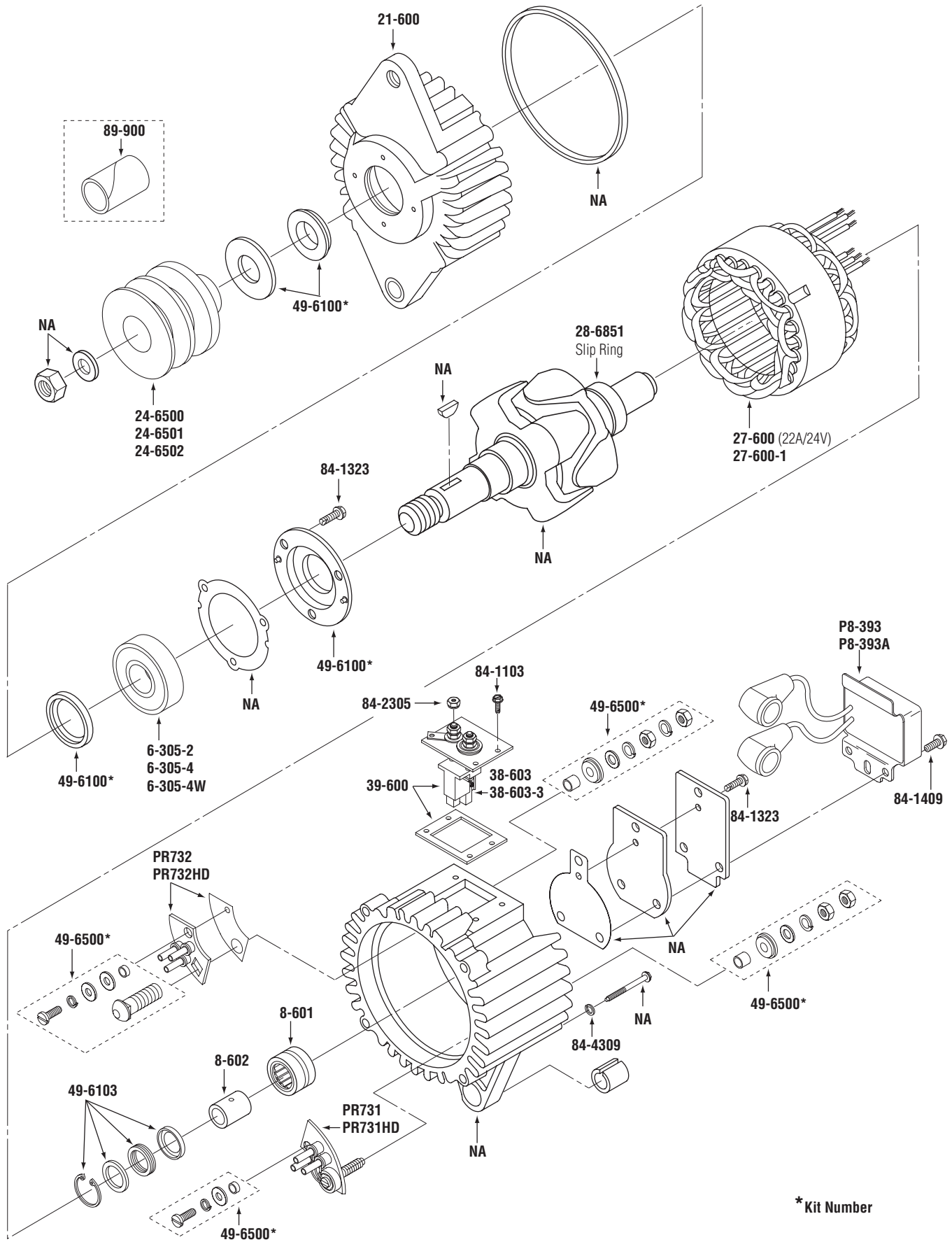
WAI No.	Description
10-2021-4	BALL BEARING - S.R.E. (Dbl. Sealed)
10-2021-4W	BALL BEARING - S.R.E. (Dbl. Sealed, WBD)
10-3022-4	BALL BEARING - D.E. (Dbl. Sealed)
10-3022-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
10-3042-4	BALL BEARING - D.E. (Dbl. Sealed)
10-3042-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
21-8202-1	D.E. FRAME (11mm Ear, 118mm Stator Bore)
21-8206	D.E. FRAME (11mm Ear, 130mm Stator Bore)
21-8221	D.E. FRAME (M10 x 1.50mm Ear, 130mm Stator Bore)
21-8222	D.E. FRAME (11mm Ear, 130mm Stator Bore)
22-8201	S.R.E. FRAME (118mm Stator Bore, 5mm Mtg. Arm Studs)
22-8202	S.R.E. FRAME (118mm Stator Bore, 6mm Mtg. Arm Studs)
22-8208	S.R.E. FRAME (118mm Stator Bore, wo/ Mtg. Arm Studs)
22-8209	S.R.E. FRAME (130mm Stator Bore, 5mm Mtg. Arm Studs)
22-8210	S.R.E. FRAME (130mm Stator Bore, 6mm Mtg. Arm Studs)
22-8220	S.R.E. FRAME (121mm Stator Bore, 10mm Mtg. Foot Hole)
22-8221	S.R.E. FRAME (121mm Stator Bore, 10mm Mtg. Foot Hole)
22-8223	S.R.E. FRAME (121mm Stator Bore, 10mm Mtg. Foot Hole)
22-8224	S.R.E. FRAME (133mm Stator Bore, 10mm Mtg. Foot Hole)
22-8225	S.R.E. FRAME (133mm Stator Bore, M10 x 1.25 Mtg. Foot Hole)
22-8226	S.R.E. FRAME (133mm Stator Bore, M10 x 1.25 Mtg. Foot Hole)
24-82108	2-GROOVE PULLEY (74mm OD x 17mm Bore)
24-82257	5-GROOVE PULLEY (66mm OD x 15mm Bore)
24-82258	4-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82259	5-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82260	6-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82261	8-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82263	6-GROOVE PULLEY (57mm OD x 17mm Bore)
24-82267	7-GROOVE PULLEY (65mm OD x 17mm Bore)
24-82270	8-GROOVE PULLEY (60mm OD x 17mm Bore)
24-82272	6-GROOVE PULLEY (57mm OD x 17mm Bore)
27-8204	STATOR - 90A (118mm OD)
27-8205	STATOR - 120A (130mm OD)
28-8202	ROTOR - 90A
28-8204	ROTOR - 120A
28-8207	ROTOR - 136A
28-82850	REPAIR SLIP RING
28-82853	SLIP RING - Rotor (w/ Leads)
38-8201	BRUSH
39-8201	BRUSH HOLDER ASSY. - Alts. w/ 15mm Rotor Shaft
39-8201-1	BRUSH HOLDER ASSY. - Alts. w/ 15mm Rotor Shaft
39-8202	BRUSH HOLDER ASSY. - Alts. w/ 17mm Rotor Shaft (w/ 46-82400 Cover)
39-8202-1	BRUSH HOLDER ASSY. - Alts. w/ 17mm Rotor Shaft (w/ 46-82400 Cover)
39-8202-3	BRUSH HOLDER ASSY. - Alts. w/ 17mm Rotor Shaft (w/ 46-82400 Cover)
39-82700	BRUSH SPRING
41-82101	GASKET - Brush Holder, used w/ 39-8202 Brush Holder
41-82300	SEAL - Brush Holder, used w/ 39-8201 Brush Holder
41-82301	GROMMET - Stator Lead, Alts. w/ 15mm Rotor Shaft (Orange Color)
41-82302	GROMMET - Stator Lead, Alts. w/ 17mm Rotor Shaft (Gray Color)
41-82303	SEAL - Brush Holder, used w/ 39-8202 Brush Holder (Orange Color)
41-82306	SEAL - Brush Holder, used w/ 39-8202 Brush Holder (Gray Color)

WAI No.	Description
42-82303	INSULATOR - Batt. Term.
42-82305	INSULATOR - Batt. Term.
42-82306	INSULATOR - Batt. Term.
42-82316	INSULATOR - Batt. Term.
42-82318	INSULATOR - Batt. Term.
42-82319	INSULATOR - Batt. Term.
42-82320	INSULATOR - Batt. Term.
42-82324	INSULATOR - Batt. Term.
42-82328	INSULATOR - Batt. Term.
46-82150	STUD - S.R.E. Bearing Retainer
46-82151	STUD - S.R.E. Mtg. Arms (M5 x 0.8)
46-82153	CONVERSION STUD - S.R.E. Mtg. Arms (Converts M6 x 1.0 to M5 x 0.8 Mtg. Studs)
46-82200	TERMINAL BLOCK
46-82201	TERMINAL BLOCK - 121000-348, -351 Alts.
46-82300	CONNECTOR - Rect. to S.R.E. Cover
46-82400	COVER - Brush Holder, used w/ 39-8202 Brush Holder
46-82452	COVER - S.R.E. Frame, Alts. w/ 118mm Stator Bore, wo/ Grd. Strap Hole
46-82454	COVER - S.R.E. Frame, Alts. w/ 130mm Stator Bore, wo/ Grd. Strap Hole
46-82455	COVER - S.R.E. Frame, Alts. w/ 118mm Stator Bore & Round Plug
46-82456	COVER - S.R.E. Frame, Alts. w/ 118mm Stator Bore, w/ Grd. Strap Hole
46-82457	COVER - S.R.E. Frame, Alts. w/ 130mm Stator Bore, w/ Grd. Strap Hole
46-82500	BEARING RETAINER - D.E. Frame
46-82700	COVER - S.R.E. Bearing
46-82701	COVER - S.R.E. Bearing
46-82802	WAVE WASHER - S.R.E. Bearing
85-1205	SCREW - Brush Holder, Stator Connection (M4 x 0.7 x 5.7mm L, Phillips)
85-1205-1	SCREW - Brush Holder, Stator Connection (M4 x 0.7 x 7.5mm L, Phillips, Dog Point)
85-1208	SCREW - Brg. Retainer (M4.5 x 0.75 x 18mm L, Phillips)
85-1208-1	SCREW - Brg. Retainer (M4.5 x 0.75 x 19mm L, Phillips, Thd. Cut.)
85-1209	SCREW - S.R.E. Brg. Bracket (M4 x 0.7 x 8mm L, Phillips)
85-1210	SCREW - Terminal Block (M4 x 0.7 x 25mm L, Phillips)
85-1213	SCREW - Rectifier (M4 x 0.7 x 6mm L, Hex)
85-1316	SCREW - Ground Connector (M5 x 0.8 x 8mm L, Hex)
85-1403	THRU BOLT (M7 x 1.0 x 40mm L w/ M5 x 0.8 x 17mm L Ext.)
85-2300	HEX NUT - Thru-bolt, S.R.E. Cover (M5 x 0.8 x 8mm F x 4.5mm T, w/ Att. Washer)
85-2301	HEX NUT - Batt. Term. (M6 x 1.0 x 10mm F x 5mm T, w/ Att. Washer)
85-2601	HEX NUT - Pulley (M14 x 1.5 x 22mm F x 7mm T)
85-4306	LOCK WASHER - Rectifier (10mm ID, Ext. Tooth)
85-4602	LOCK WASHER - Pulley (15mm ID, Split)
89-916	PROTECTIVE MESH - Protects Slip Ring during handling
INR403P	RECTIFIER - 75, 90, 117A Alts. w/ 17mm Rotor Shaft (w/ Grd. Strap Hole, 40A Press-Fit Diodes)
INR727P	RECTIFIER - 90A Alts. w/ 15mm Rotor Shaft (40A Press-Fit Diodes)
INR728P	RECTIFIER - 120A Alts. (wo/ Grd. Strap Hole, 40A Press-Fit Diodes)
INR729P	RECTIFIER - 75, 90, 117A Alts. w/ 17mm Rotor Shaft (wo/ Grd. Strap Hole, 40A Press-Fit Diodes)

NIPPONDENSO 90-120A FOR CHRYSLER

PRESTOLITE ANB SERIES

PRESTOLITE ANB SERIES



*Kit Number

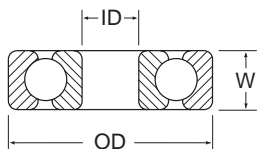
WAI No.	Description
6-305-2	BALL BEARING - D.E. (Dbl. Shielded)
6-305-4	BALL BEARING - D.E. (Dbl. Sealed)
6-305-4W	BALL BEARING - D.E. (Dbl. Sealed, WBD)
8-601	OUTER RACE ROLLER BEARING - S.R.E.
8-602	INNER RACE - S.R.E.
21-600	D.E. FRAME
24-6500	2-GROOVE PULLEY (16mm Belts x 91mm OD w/ Keyway)
24-6501	2-GROOVE PULLEY - Caterpillar No. 9S6129 (22mm Belts x 95mm OD w/ Keyway)
24-6502	2-GROOVE PULLEY - Caterpillar No. 5S7609 (16mm Belts x 95mm OD w/ Keyway)
27-600	STATOR - 22A/24V
27-600-1	STATOR & RECTIFIER ASSY. - 22A/24V
28-6851	SLIP RING - Rotor
38-603	BRUSH - Ref# E-119
38-603-3	BRUSH - Ref# E-119
39-600	BRUSH HOLDER ASSY.
49-6100	RETAINER & SEAL KIT - D.E. Bearing
49-6103	RETAINER & SEAL KIT - S.R.E. Bearing
49-6500	TERMINAL KIT - Rectifier
84-1103	SCREW - Brush Holder (6-32 x 1/2 L, Slotted Hex, Thd. Cut.)
84-1323	SCREW - Brg. Retainer, Regulator Mtg. Plate (10-24 x 5/8 L, Hex, Thd. Cut.)
84-1409	SCREW - Regulator (1/4-20 x 5/8 L, Hex, Thd. Form.)
84-2305	HEX NUT - Field Term. (10-32 x 3/8 F x 1/8 T, w/ Att. Washer)
84-4309	LOCK WASHER - Thru Bolt (#10 ID, Split)
89-900	SPACER - Packaging (Cardboard)
P8-393	REGULATOR - 24V
P8-393A	REGULATOR - 24V (Adj. Volt.)
PR731	NEGATIVE RECTIFIER
PR731HD	NEGATIVE RECTIFIER (Heavy Duty)
PR732	POSITIVE RECTIFIER
PR732HD	POSITIVE RECTIFIER (Heavy Duty)

BUYER'S GUIDE



ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARING DIMENSION CHART



ID (mm)	OD (mm)	W (mm)	WAI No.	Closure	Brand	Note
8	22	7	6-608-2	Dbl. Shielded	Premium	
			6-608-4	Dbl. Sealed	Premium	
			6-608-4W	Dbl. Sealed	WBD	
		11	10-874-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-874-4W	Dbl. Sealed	WBD	
	23	11	10-879-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-879-4W	Dbl. Sealed	WBD	
		14	10-800-4	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
			10-800-4W	Dbl. Sealed	WBD	
			10-885-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-885-4W	Dbl. Sealed	WBD	
	24	8	6-628-2	Dbl. Shielded	Premium	
			6-628-2W	Dbl. Shielded	WBD	
	28	9	6-638-4	Dbl. Sealed	Premium	
			6-638-4W	Dbl. Sealed	WBD	
	9	26	8	6-629-4	Dbl. Sealed	Premium
6-629-4W				Dbl. Sealed	WBD	
10	23	11	10-1046-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-1046-4W	Dbl. Sealed	WBD	
	26	8	6-100-2	Dbl. Shielded	Premium	
			6-100-4	Dbl. Sealed	Premium	
			6-100-4N	Dbl. Sealed	Premium, NTN	
			6-100-4W	Dbl. Sealed	WBD	
			6-100-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
			6-100-84W	Dbl. Sealed	WBD	
	10	6-2000-4N	Dbl. Sealed	Premium, NTN		
			6-2000-4W	Dbl. Sealed	WBD	
	27	11	10-1050-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race
			10-1050-4W	Dbl. Sealed	WBD	
			10-1050-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings
			10-1051-4	Dbl. Sealed	Premium	
			10-1051-4W	Dbl. Sealed	WBD	
	14	10-900-4W	Dbl. Sealed	WBD	2-Plastic Tolerance Rings	
		30	9	6-200-2	Dbl. Shielded	Premium
	6-200-4			Dbl. Sealed	Premium	
6-200-4N	Dbl. Sealed			Premium, NTN		
6-200-4W	Dbl. Sealed			WBD		
12 (cont'd.)	28	8	6-101-2	Dbl. Shielded	Premium	
			6-101-4	Dbl. Sealed	Premium	
			6-101-4W	Dbl. Sealed	WBD	
		12	6-3101-2W	Dbl. Shielded	WBD	
			6-3101-4	Dbl. Sealed	Premium	
	32 (cont'd.)	10	6-3101-4W	Dbl. Sealed	WBD	
			6-201-2	Dbl. Shielded	Premium	
			6-201-4	Dbl. Sealed	Premium	
			6-201-4N	Dbl. Sealed	Premium, NTN	
			6-201-4W	Dbl. Sealed	WBD	
10-2012-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race			
10-2012-4W	Dbl. Sealed	WBD				

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ID (mm)	OD (mm)	W (mm)	WAI No.	Closure	Brand	Note	
12 (cont'd.)	32	13	10-2013-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race	
		14	6-2201-4	Dbl. Sealed	Premium		
	6-2201-4W		Dbl. Sealed	WBD			
	35	18	10-2011-3	Sgl. Sealed			
			10-2011-3W	Sgl. Sealed	WBD		
37	12	6-301-4	Dbl. Sealed	Premium			
12.7	28.6	7.9	6-708-4W	Dbl. Sealed	WBD		
15	28	7	6-902-2	Dbl. Shielded	Premium		
			6-902-2W	Dbl. Shielded	WBD		
	32	9	6-102-2	Dbl. Shielded	Premium		
			6-102-4	Dbl. Sealed	Premium		
		11	6-3102-4	Dbl. Sealed	Premium		
			6-3102-4W	Dbl. Sealed	WBD		
	35	11	9	10-7109-1	Sgl. Shielded*		*Sgl. Shielded, One Side Open
			6-202-2	Dbl. Shielded	Premium		
			6-202-4	Dbl. Sealed	Premium		
			6-202-4N	Dbl. Sealed	Premium, NTN		
			6-202-4W	Dbl. Sealed	WBD		
			6-202-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings	
		13	10-1569-4	Dbl. Sealed	Premium	Retaining Ring in Outer Race	
			10-2021-4	Dbl. Sealed	Premium		
			10-2021-4W	Dbl. Sealed	WBD		
			10-2022-4	Dbl. Sealed	Premium		
	38	19	10-2022-4W	Dbl. Sealed	WBD		
			6-302-2	Dbl. Shielded	Premium		
	42	13	6-302-4	Dbl. Sealed	Premium		
			6-302-4W	Dbl. Sealed	WBD		
			10-3021-4	Dbl. Sealed	Premium		
	43	13	10-3021-4W	Dbl. Sealed	WBD		
			10-3022-4	Dbl. Sealed	Premium		
	46	14	10-3022-4W	Dbl. Sealed	WBD		
			10-3031-4	Dbl. Sealed	Premium		
	47	14	10-3031-4W	Dbl. Sealed	WBD		
			10-1583-4	Dbl. Sealed	Premium		
		18	10-1583-4W	Dbl. Sealed	WBD		
			10-3041-4	Dbl. Sealed	Premium		
	52	16	10-3041-4W	Dbl. Sealed	WBD		
			6-903-2	Dbl. Shielded	Premium		
	30	7	6-903-4	Dbl. Sealed	Premium		
6-903-4W			Dbl. Sealed	WBD			
6-103-2			Dbl. Shielded	Premium			
35	10	6-103-4	Dbl. Sealed	Premium			
		6-103-4W	Dbl. Sealed	WBD			
		6-203-4	Dbl. Sealed	Premium			
40	12	6-203-4N	Dbl. Sealed	Premium, NTN			
		6-203-4W	Dbl. Sealed	WBD			
		6-203-84	Dbl. Sealed	Premium	2-Plastic Tolerance Rings		
		6-203-84W	Dbl. Sealed	WBD			
	17.5	6-3203-4	Dbl. Sealed	Premium			
		6-3203-4W	Dbl. Sealed	WBD			
47 (cont'd.)	14	6-303-2	Dbl. Shielded	Premium			
		6-303-4	Dbl. Sealed	Premium			
		6-303-4N	Dbl. Sealed	Premium, NTN			
		6-303-4W	Dbl. Sealed	WBD			
	18	10-1594-4	Dbl. Sealed	Premium			
		10-1594-4W	Dbl. Sealed	WBD			

ALTERNATOR - BEARINGS

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ID (mm)	OD (mm)	W (mm)	WAI No.	Closure	Brand	Note	
17 (cont'd.)	47 (cont'd.)	19	6-2303-4	Db. Sealed	Premium		
		24	10-3032-4	Db. Sealed	Premium		
			10-3032-4W	Db. Sealed	WBD		
	52	16	10-3042-4	Db. Sealed	Premium		
			10-3042-4W	Db. Sealed	WBD		
		17	10-3043-4	Db. Sealed	Premium		
			10-3043-4W	Db. Sealed	WBD		
		18	10-3044-4	Db. Sealed	Premium		
			10-3044-4W	Db. Sealed	WBD		
	21	10-62304-4	Db. Sealed	Premium			
62	17.5	6-403-4	Db. Sealed	Premium			
18.7	47.1	14	10-2041-4	Db. Sealed	Premium		
18.8	37	9	10-9041-4	Db. Sealed	Premium	Bushing in Bore	
19.1	41.3	11.1	6-712-4	Db. Sealed	Premium		
			6-712-4W	Db. Sealed	WBD		
20	37	9	6-904-2	Db. Shielded	Premium		
			6-904-4	Db. Sealed	Premium		
			6-904-4W	Db. Sealed	WBD		
	42	12	6-104-2	Db. Shielded	Premium		
			6-104-4	Db. Sealed	Premium		
			6-104-4W	Db. Sealed	WBD		
			10-1041-4	Db. Sealed	Premium	2-Grooves in Bore	
			10-1041-4W	Db. Sealed	WBD		
	47	14	6-204-4	Db. Sealed	Premium		
			6-204-4W	Db. Sealed	WBD		
	52	15	6-304-4	Db. Sealed	Premium		
			6-304-4W	Db. Sealed	WBD		
22.2	56	21	10-62322-4	Db. Sealed	Premium		
25	42	9	6-905-4	Db. Sealed	Premium		
	47	12	6-105-2	Db. Shielded	Premium		
			6-105-4	Db. Sealed	Premium		
	52	15	6-205-4	Db. Sealed	Premium		
			6-205-4W	Db. Sealed	WBD		
	62	20.6	6-3205-4	Db. Sealed	Premium		
			17	6-305-2	Db. Shielded	Premium	
				6-305-4	Db. Sealed	Premium	
		19	24	6-305-4W	Db. Sealed	WBD	
				10-3051-4	Db. Sealed	Premium	
				10-3052-4	Db. Sealed	Premium	
	25.4	25.4	6-3305-4	Db. Sealed	Premium	Extra Wide Bearing	
6-3305-4W			Db. Sealed	WBD			
30	47	9	6-906-4	Db. Sealed	Premium		
			10-9061-4	Db. Sealed	Premium	2-Grooves in Bore	
	55	13	6-106-4	Db. Sealed	Premium		
			6-206-4	Db. Sealed	Premium		
	62	16	6-206-4W	Db. Sealed	WBD		
			19	6-306-4	Db. Sealed	Premium	
				30.2	6-3306-4	Db. Sealed	Premium
7-3306	Open		Double Row Angular Contact Bearing				
35	72	17	6-207-4	Db. Sealed	Premium		
	80	21	6-307-4	Db. Sealed	Premium		
45	85	19	6-209-2	Db. Shielded	Premium		
			6-209-4	Db. Sealed	Premium		

ALTERNATOR - BEARINGS (6-, 8-, 10-)

WBD BEARINGS - BEST IN CLASS FOR CONSISTENCY, QUALITY, PERFORMANCE



There are three keys to long bearing life: Seals, Grease and Mechanical Components. Failure in any one of these areas will cause failure of the bearing, and failure of the part in which it's installed, resulting in an unhappy customer, and an expensive return.

By specifying only the highest quality in these key areas, and testing to the highest international automotive standards, the WBD bearing, available only from WAI, performs as well as premium bearings that cost 2 or 3 times more.

Seals:

WBD bearings are manufactured with the highest quality 3-point triple-lip full contact hybrid polyacrylic seals.

- Ensure extreme temperature protection, up to 392° F (200° C)
- Eliminates grease contamination and leakage.

Grease:

WBD bearings use Kyodo Yushi ET-K high performance grease.

- Extreme temperature protection in any automotive environment, from -40° F up to 392° F (-40° C to 200° C).
- Load-dissipating viscosity ensures extended service life and protects against thermal and mechanical shock.

Mechanical Components:

Precision CNC-machined races and balls.

- Matched balls, inner and outer races ensure low noise and minimum friction and heat build-up.
- Tight tolerances for bore-taper, out-of-round and bearing OD for precise fit and compatibility.
- Finely honed surface finish for long life and low noise.
- Balls equal to or better than Grade 16 for roundness.
- Automatically riveted cage precisely and reliably locates and secures balls within the races to prevent premature failure.

Testing:

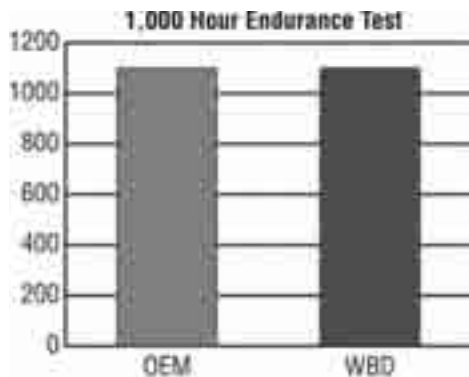
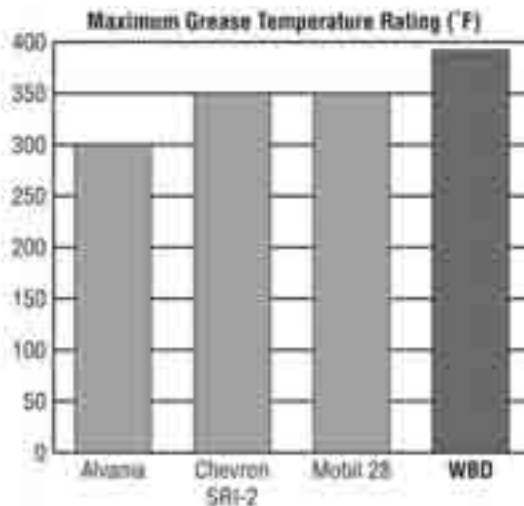
WBD bearings are endurance-tested to outperform low-cost bearings, and meet or exceed the performance of bearings costing much, much more.

- 1,000 hour full-load endurance test demonstrates consistent performance under the most arduous conditions.
- Proven 3 year endurance testing shows that WBD bearings last for the long-haul, in the most challenging environments.
- Noise-tested before and after greasing to ensure grease is free of contaminants that cause premature wear.

Industry Standards: ABEC and EMQ:

Radial ball bearings must meet specified ABEC (Annular Bearing Engineers Committee) ratings for consistency, quality and service life. Radial bearings are also said to be Electric Motor Quality (EMQ) when they meet the low noise requirements specified by automotive engineers worldwide.

- WBD bearings are high-precision, engineered to meet or exceed ABEC 3 standards, used for automotive bearings worldwide.
- WBD bearings are low-noise, meeting all standards for EMQ.



BALL BEARINGS



6-100-4
Ball Bearing
Dbl. Sealed

For: Delco CS121, CS130 Series Alternators (S.R.E.); Delco 28MT Series; Mitsubishi OSGR; Nippondenso 1.0kW, 1.4kW, 2.0kW, 2.5kW, 3.0kW OSGR Starters (Armature)

Replaces: Delco 1989646, 10472207; Nippondenso 949100-2760; Ref# 6000

Dim: 10mm ID x 26mm OD x 8mm W

Features:

- Premium Quality

6-100-2
Ball Bearing
Dbl. Shielded

Same as 6-100-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-100-4N
Ball Bearing
Dbl. Sealed

Same as 6-100-4 except...

Features:

- Mfd. by NTN, OE Supplier

6-100-4W
Ball Bearing
Dbl. Sealed

Same as 6-100-4 except...

Features:

- WBD



6-100-84
Ball Bearing
Dbl. Sealed

For: Delco CS144 Series IR/EF; Ford 3G Series IR/IF Alternators (S.R.E.)

Replaces: Delco 1989711, 10474532

Dim: 10mm ID x 26mm OD x 8mm W

Note: With 2-plastic tolerance rings

Features:

- Premium Quality

6-100-84W
Ball Bearing
Dbl. Sealed

Same as 6-100-84 except...

Features:

- WBD



6-101-4
Ball Bearing
Dbl. Sealed

For: Bosch ER/EF, IR/EF Alternators (S.R.E.); Hitachi OSGR Starters (Armature)

Replaces: Bosch 1-900-905-103, -164, -167; Nissan 23338-J5500, -Z9002; Ref# 6001

Dim: 12mm ID x 28mm OD x 8mm W

Features:

- Premium Quality

6-101-2
Ball Bearing
Dbl. Shielded

Same as 6-101-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-101-4W
Ball Bearing
Dbl. Sealed

Same as 6-101-4 except...

Features:

- WBD



6-102-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (S.R.E.); Hitachi OSGR; Mitsuba SM402 Series; Mitsubishi OSGR; Nippondenso 1.0kW, 1.2kW, 1.4kW OSGR Starters (Armature)

Replaces: Delco 10498717; Ref# 6002

Dim: 15mm ID x 32mm OD x 9mm W

Features:

- Premium Quality

6-102-2
Ball Bearing
Dbl. Shielded

Same as 6-102-4 except...

Features:

- Premium Quality, Dbl. Shielded



6-103-4
Ball Bearing
Dbl. Sealed

For: Nippondenso 24V IR/EF Alternators (S.R.E.); Delco 28MT Series; Mitsubishi OSGR; Nippondenso 2.5kW, 4.5kW OSGR Starters (Armature)

Replaces: Delco 10456461; Ref# 6003

Dim: 17mm ID x 35mm OD x 10mm W

Features:

- Premium Quality

6-103-2
Ball Bearing
Dbl. Shielded

Same as 6-103-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-103-4W
Ball Bearing
Dbl. Sealed

Same as 6-103-4 except...

Features:

- WBD



6-104-4
Ball Bearing
Dbl. Sealed

For: Hitachi OSGR; Mitsuba SM302, SM402 Series; Nippondenso 1.0kW, 1.2kW, 1.4kW, 2.0kW OSGR Starters (Drive)

Replaces: Ref# 6004

Dim: 20mm ID x 42mm OD x 12mm W

Features:

- Premium Quality

6-104-2
Ball Bearing
Dbl. Shielded

Same as 6-104-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-104-4W
Ball Bearing
Dbl. Sealed

Same as 6-104-4 except...

Features:

- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-105-4
Ball Bearing
Dbl. Sealed

For: Delco 28MT Series (Drive Shaft); Nippondenso 2.5kW, 3.0kW, 4.5kW, 5.5kW OSGR Starters (Drive)

Replaces: Ref# 6005

Dim: 25mm ID x 47mm OD x 12mm W

Features:

- Premium Quality

6-105-2
Ball Bearing
Dbl. Shielded

Same as 6-105-4 except...

Features:

- Premium Quality, Dbl. Shielded



6-106-4
Ball Bearing
Dbl. Sealed

For: Hitachi PMGR Starters (D.E.); Bus Blower Motors

Replaces: Ref# 6006

Unit Nos: Hitachi S114-503A,

S114-516, A; S114-528, A

Lester Nos: 16817, 17196

WAI Ref. Nos: 2-1107-HI, 2-1123-HI, 2-1446-HI

Dim: 30mm ID x 55mm OD x 13mm W

Features:

- Premium Quality



6-200-4
Ball Bearing
Dbl. Sealed

For: Motorola, Paris Rhone IR/EF Alternators (S.R.E.); Delco 28MT, 29MT Series; Nikko, Nippondenso OSGR Starters (Armature)

Replaces: Delco 10456462; Motorola 11-2, 11-23; Prestolite 111-2, 111-23, 25-24, 6200LU, X-3433; Ref# 6200

Dim: 10mm ID x 30mm OD x 9mm W

Features:

- Premium Quality

6-200-2
Ball Bearing
Dbl. Shielded

Same as 6-200-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-200-4N
Ball Bearing
Dbl. Sealed

Same as 6-200-4 except...

Features:

- Mfd. by NTN, OE Supplier

6-200-4W
Ball Bearing
Dbl. Sealed

Same as 6-200-4 except...

Features:

- WBD



6-201-4
Ball Bearing
Dbl. Sealed

For: Bosch, Hitachi, Iskra, Mitsubishi, Nippondenso, Paris Rhone Alternators (S.R.E.); Delco 38MT Series PLGR, Mitsubishi OSGR Starters (Armature)

Replaces: Ref# 6201

Dim: 12mm ID x 32mm OD x 10mm W

Features:

- Premium Quality

6-201-2
Ball Bearing
Dbl. Shielded

Same as 6-201-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-201-4N
Ball Bearing
Dbl. Sealed

Same as 6-201-4 except...

Features:

- Mfd. by NTN, OE Supplier

6-201-4W
Ball Bearing
Dbl. Sealed

Same as 6-201-4 except...

Features:

- WBD



6-202-4
Ball Bearing
Dbl. Sealed

For: Bosch ER/EF, IR/EF, Delco AD230, AD237, AD244, CS130D Series IR/IF (S.R.E.); Hitachi, Mitsubishi, Nippondenso (D.E.); Lucas Generators (D.E.); Nippondenso 3.0kW, 5.5kW OSGR Starters (Armature)

Replaces: Bosch 1-100-900-000; Delco 10475023; Lucas 54160090, UTB100; Ref# 6202

Dim: 15mm ID x 35mm OD x 11mm W

Features:

- Premium Quality

6-202-2
Ball Bearing
Dbl. Shielded

Same as 6-202-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-202-4N
Ball Bearing
Dbl. Sealed

Same as 6-202-4 except...

Features:

- Mfd. by NTN, OE Supplier

6-202-4W
Ball Bearing
Dbl. Sealed

Same as 6-202-4 except...

Features:

- WBD



6-202-84
Ball Bearing
Dbl. Sealed

For: Hitachi ER/EF, IR/EF Alternators w/ Vacuum Pump (S.R.E.)

Unit Nos: Hitachi LR140-112;

LR140-130B, P; LR140-131;

LR150-133B, C, E; LR150-146C;

LR150-147B, C; LR150-155B,

LR150-201B; LR150-205, B; LR150-402,

LR150-402C, LR150-403, LR150-434B,

LR155-12C, LR155-16B; LR160-96B, C;

LR160-97B, C; LR160-401, C;

LT140-105, LT140-107, LT150-57E

(cont'd.)

ALTERNATOR - BEARINGS (6-, 8-, 10-)

(cont'd.)

Lester Nos: 14209, 14214, 14586, 14613, 14615, 14645, 14648, 14649, 14653, 14654, 14730, 14731, 14858, 14874, 14952

WAI Ref. Nos: 1-1094-01HI, 1-1113-01HI, 1-1121-01HI, 1-1129-01HI, 1-1130-01HI, 1-1236-01HI, 1-1247-01HI, 1-1516-01HI, 1-1570-01HI, 1-1571-01HI

Dim: 15mm ID x 35mm OD x 11mm W

Note: With 2-plastic tolerance rings

Features:

- Premium Quality



6-203-4
Ball Bearing
Dbi. Sealed

For: Chrysler, Delco, Ford, Leece-Neville, Motorola; European & Japanese Alternators

Replaces: Bosch 1-120-900-004, 1-120-905-020, 1-120-905-041, 1-120-905-050, 1-120-905-525, 1-900-905-273, 1-900-905-277; Chrysler 3656444, 4364852, 5226446; Delco 908019, 10469092, 10473403; Ford C9ZZ-10094-A; Leece-Neville 26853; Motorola 11-1, 11-21; Prestolite 25-1, 25-34, 25-73; Ref# 6203

Dim: 17mm ID x 40mm OD x 12mm W

Features:

- Premium Quality

6-203-4N
Ball Bearing
Dbi. Sealed

Same as 6-203-4 except...

Features:

- Mfd. by NTN, OE Supplier

6-203-4W
Ball Bearing
Dbi. Sealed

Same as 6-203-4 except...

Features:

- WBD



6-203-84
Ball Bearing
Dbi. Sealed

For: Ford 4G Series IR/IF Alternators (S.R.E.)

Replaces: Ford F5OU-10A304-AA

Dim: 17mm ID x 40mm OD x 12mm W

Note: With 2-plastic tolerance rings

Features:

- Premium Quality

6-203-84W
Ball Bearing
Dbi. Sealed

Same as 6-203-84 except...

Features:

- WBD



6-204-4
Ball Bearing
Dbi. Sealed

For: Autolite, Delco Generators; Leece-Neville Alternators

Replaces: Ref# 6204

Dim: 20mm ID x 47mm OD x 14mm W

Features:

- Premium Quality

6-204-4W
Ball Bearing
Dbi. Sealed

Same as 6-204-4 except...

Features:

- WBD



6-205-4
Ball Bearing
Dbi. Sealed

For: Delco, Leece-Neville, Motorola Alternators; Delco 38MT, 39MT Series PLGR; Mitsubishi OSGR Starters (Armature)

Replaces: Delco 904983; Leece-Neville 29656; Motorola 11-40; Prestolite 111-40;

Ref# 6205

Dim: 25mm ID x 52mm OD x 15mm W

Features:

- Premium Quality

6-205-4W
Ball Bearing
Dbi. Sealed

Same as 6-205-4 except...

Features:

- WBD



6-206-4
Ball Bearing
Dbi. Sealed

For: Leece-Neville Alternators; Electric Motors & Pump Motors

Replaces: Leece-Neville 28892;

Ref# 6206

Dim: 30mm ID x 62mm OD x 16mm W

Features:

- Premium Quality

6-206-4W
Ball Bearing
Dbi. Sealed

Same as 6-206-4 except...

Features:

- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-207-4
Ball Bearing
Dbl. Sealed

For: Electric Motors & Pump Motors
Replaces: Ref# 6207
Dim: 35mm ID x 72mm OD x 17mm W
Features:
• Premium Quality



6-209-4
Ball Bearing
Dbl. Sealed

For: Delco 50DN Series Bus Alternators (Inner D.E.)
Replaces: Delco 903209, 9439722, 9439723, 10499878;
Ref# 6209
Dim: 45mm ID x 85mm OD x 19mm W
Features:
• Premium Quality

6-209-2
Ball Bearing
Dbl. Shielded

Same as 6-209-4 except...
Features:
• Premium Quality, Dbl. Shielded



6-301-4
Ball Bearing
Dbl. Sealed

For: Delco 39MT Series PLGR Starters, Mitsubishi OSGR Starters (Armature)
Replaces: Ref# 6301
Dim: 12mm ID x 37mm OD x 12mm W
Features:
• Premium Quality



6-302-4
Ball Bearing
Dbl. Sealed

For: Hitachi, Mitsubishi IR/EF, IR/IF Alternators (D.E.); Lucas Generators (D.E.)
Replaces: Ref# 6302
Dim: 15mm ID x 42mm OD x 13mm W
Features:
• Premium Quality

6-302-2
Ball Bearing
Dbl. Shielded

Same as 6-302-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-302-4W
Ball Bearing
Dbl. Sealed

Same as 6-302-4 except...
Features:
• WBD



6-303-4
Ball Bearing
Dbl. Sealed

For: Chrysler 100-114A; Delco AD230, AD237, AD244, CS121, CS121D, CS130, CS130D, CS144 Series; Ford 3G, 4G, 6G Series; European, Japanese Alternators (D.E.)
Replaces: Ref# 6303
Dim: 17mm ID x 47mm OD x 14mm W
Features:
• Premium Quality

6-303-2
Ball Bearing
Dbl. Shielded

Same as 6-303-4 except...
Features:
• Premium Quality, Dbl. Shielded

6-303-4N
Ball Bearing
Dbl. Sealed

Same as 6-303-4 except...
Features:
• Mfd. by NTN, OE Supplier

6-303-4W
Ball Bearing
Dbl. Sealed

Same as 6-303-4 except...
Features:
• WBD



6-304-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville, Nippondenso IR/EF Alternators (D.E.)
Replaces: Delco 907187; Leece-Neville 57166;
Ref# 6304
Dim: 20mm ID x 52mm OD x 15mm W
Features:
• Premium Quality

6-304-4W
Ball Bearing
Dbl. Sealed

Same as 6-304-4 except...
Features:
• WBD



6-305-4
Ball Bearing
Dbl. Sealed

For: Delco, Ford, Leece-Neville, Motorola, Nippondenso, Prestolite Heavy Duty Alternators (D.E.)
Replaces: Delco 904722, 907351, 907356, 907689, 907940, 908020, 908055, 954554, 9437824, 9439570, 9439571, 9441901, 10472935, 12334741;
Leece-Neville 76262, 78895, 101413; Motorola 11-34; Prestolite 25-4, 25-71;
Ref# 6305
Dim: 25mm ID x 62mm OD x 17mm W
Features:
• Premium Quality

ALTERNATOR - BEARINGS (6-, 8-, 10-)

6-305-2 Ball Bearing Dbl. Shielded

Same as 6-305-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-305-4W Ball Bearing Dbl. Sealed

Same as 6-305-4 except...

Features:

- WBD



6-306-4 Ball Bearing Dbl. Sealed

For: Electric Motors

Replaces: Ref# 6306

Dim: 30mm ID x 72mm OD x 19mm W

Features:

- Premium Quality



6-307-4 Ball Bearing Dbl. Sealed

For: AC or DC Electric Motors

Replaces: Ref# 6307

Dim: 35mm ID x 80mm OD x 21mm W

Features:

- Premium Quality



6-403-4 Ball Bearing Dbl. Sealed

For: Bosch Alternators (D.E.)

Replaces: Bosch 1-120-900-010

Dim: 17mm ID x 62mm OD x 17.5mm W

Note: When replacing earlier design open bearing w/ 6-403-4 dbl. sealed bearing, the 2-steel shims (shields) are not required

Features:

- Premium Quality



6-608-4 Ball Bearing Dbl. Sealed

For: Delco PMGR; Hitachi, Mitsubishi, Mitsubishi, Nippondenso Starters (Armature)

Replaces: Delco 9440924;

Ref# 608

Dim: 8mm ID x 22mm OD x 7mm W

Features:

- Premium Quality

6-608-2 Ball Bearing Dbl. Shielded

Same as 6-608-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-608-4W Ball Bearing Dbl. Sealed

Same as 6-608-4 except...

Features:

- WBD



6-628-2 Ball Bearing Dbl. Shielded

For: Mitsuba PMGR, PMOSGR Starters (C.E.)

Replaces: Ref# 628

Unit Nos: Mitsuba SM402-03, SM402-04, SM402-05, SM402-10N, SM402-11N, SM402-12N, SM402-13N, SM402-15, SM402-16N, SM512-02

Lester Nos: 16960, 16975, 17201, 17205, 17431, 17433, 17474, 17527

WAI Ref. Nos: 2-1019-MT, 2-1020-MT, 2-1021-MT, 2-1022-MT, 2-1468-MT, 2-1521-MT, 2-1523-MT, 2-1524-MT

Dim: 8mm ID x 24mm OD x 8mm W

Features:

- Premium Quality

6-628-2W Ball Bearing Dbl. Shielded

Same as 6-628-2 except...

Features:

- WBD



6-629-4 Ball Bearing Dbl. Sealed

For: Prestolite GJG Series Marine Generators (C.E.); Mitsubishi OSGR, PLGR Starters (Armature)

Replaces: Prestolite 25-23, GJG-45; Ref# 629

Dim: 9mm ID x 26mm OD x 8mm W

Features:

- Premium Quality

6-629-4W Ball Bearing Dbl. Sealed

Same as 6-629-4 except...

Features:

- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-638-4
Ball Bearing
Dbl. Sealed

For: Nippondenso OSGR Starters (Armature)

Unit Nos: Nippondenso 228000-304, 228000-326, 228000-408, 228000-409, 228000-430, 228000-475, 228000-504, 228000-512, 228000-533, 228000-586, 228000-695, 228000-739

Lester Nos: 17533, 17535, 17581, 17665, 17672, 17706, 17711, 17748, 18004, 18139, 18198

Dim: 8mm ID x 28mm OD x 9mm W

Features:

- Premium Quality

6-638-4W
Ball Bearing
Dbl. Sealed

Same as 6-638-4 except...

Features:

- WBD



6-708-4W
Ball Bearing
Dbl. Sealed

For: Lucas C40T Series Generators (C.E.)

Replaces: Ford C5NF-10094-A; Lucas UTB103; Prestolite 25-12, X-294; Ref# R8

Dim: 12.7mm (.5") ID x 28.6mm (1.125") OD x 7.9mm (.3125") W

Features:

- WBD



6-712-4
Ball Bearing
Dbl. Sealed

For: Harley-Davidson Starters (D.E.)

Replaces: Harley-Davidson 31539-66; Ref# R12

Dim: 19.1mm (.75") ID x 41.3mm (1.625") OD x 11.1mm (.4375") W

Features:

- Premium Quality

6-712-4W
Ball Bearing
Dbl. Sealed

Same as 6-712-4 except...

Features:

- WBD



6-902-2
Ball Bearing
Dbl. Shielded

For: Mitsubishi SM302 Series Starters (Armature)

Replaces: Ref# 6902

Dim: 15mm ID x 28mm OD x 7mm W

Features:

- Premium Quality

6-902-2W
Ball Bearing
Dbl. Shielded

Same as 6-902-2 except...

Features:

- WBD



6-903-4
Ball Bearing
Dbl. Sealed

For: Hitachi OSGR Starters (Armature)

Replaces: Ref# 6903

Dim: 17mm ID x 30mm OD x 7mm W

Features:

- Premium Quality

6-903-2
Ball Bearing
Dbl. Shielded

Same as 6-903-4 except...

Features:

- Premium Quality, Dbl. Shielded

6-903-4W
Ball Bearing
Dbl. Sealed

Same as 6-903-4 except...

Features:

- WBD



6-904-4
Ball Bearing
Dbl. Sealed

For: Hitachi, Mitsuba, Mitsubishi, Nippondenso OSGR Starters (Drive Assy.)

Replaces: Ref# 6904

Dim: 20mm ID x 37mm OD x 9mm W

Features:

- Premium Quality

6-904-2
Ball Bearing
Dbl. Shielded

Same as 6-904-4 except...

Features:

- Premium Quality

6-904-4W
Ball Bearing
Dbl. Sealed

Same as 6-904-4 except...

Features:

- WBD



6-905-4
Ball Bearing
Dbl. Sealed

For: Hitachi OSGR Starters (Armature)

Replaces: Ref# 6905

Dim: 25mm ID x 42mm OD x 9mm W

Features:

- Premium Quality



6-906-4
Ball Bearing
Dbl. Sealed

For: Hitachi PMGR Starters (D.E.)

Replaces: Ref# 6906

Unit Nos: Hitachi S114-701A, C; S114-753, C; S114-755, S114-756, S114-757

WAI Ref. Nos: 2-1128-HI, 2-1441-HI, 2-1560-HI (cont'd.)

ALTERNATOR - BEARINGS (6-, 8-, 10-)

(cont'd.)

Dim: 30mm ID x 47mm OD x 9mm W

Features:

- Premium Quality



6-2000-4N
Ball Bearing
Dbl. Sealed

For: Delco CS121, CS130 IR/EF; CS121D IR/IF Series Alternators (S.R.E.)

Replaces: Delco 10473711;

Ref# 62000

Dim: 10mm ID x 26mm OD x 10mm W

Features:

- Mfd. by NTN, OE Supplier

6-2000-4W
Ball Bearing
Dbl. Sealed

Same as 6-2000-4N except...

Features:

- WBD



6-2201-4
Ball Bearing
Dbl. Sealed

For: Bosch IR/EF Alternators

Replaces: Bosch 1-120-905-024, -031; 1-900-905-274;

Ref# 62201

Dim: 12mm ID x 32mm OD x 14mm W

Features:

- Premium Quality

6-2201-4W
Ball Bearing
Dbl. Sealed

Same as 6-2201-4 except...

Features:

- WBD



6-2303-4
Ball Bearing
Dbl. Sealed

For: Marelli Alternators (D.E.)

Replaces: Ref# 62303

Dim: 17mm ID x 47mm OD x 19mm W

Features:

- Premium Quality



6-3101-4
Ball Bearing
Dbl. Sealed

For: Bosch ER/EF, IR/EF Alternators (S.R.E.)

Replaces: Bosch 1-120-900-012, 1-120-905-003; Ref# W6001

Unit Nos: Bosch 0-120-300-559, -568, -569; 0-120-339-516, -528, -533; 0-120-450-008, -009; -500, -501, -502, -503, -504, -505, -513, -514, -515, -524, -525, -528, -533, -535, -538, -539, -541, -542 to -548, -551 to -556, -558, -559, -566, -581, -582, -583, -584, -586, -588, -589, -590, -591, -594, -595, -598, -599, -600, -603 to -610, -617, -618, -619, -620, -628, -631, -632, -633, -636, -637, -638, -642, -645, -648, -649, -654, -664, -668, -670, -674, -675, -711, -712, -721, -754, -782, -783, -804, -805, -806, -945; 0-120-489-328, 0-123-320-011, 0-123-325-007, 0-123-335-005, 9-120-080-226; Marelli 63300901

Lester Nos: 13023, 058, 122, 161, 246, 610; 14000, 059, 396, 418, 603, 778, 782, 783, 785, 791, 806, 820, 821, 825, 964, 966

Dim: 12mm ID x 28mm OD x 12mm W

Features:

- Premium Quality

6-3101-2W
Ball Bearing
Dbl. Shielded

Same as 6-3101-4 except...

Features:

- WBD, Dbl. Shielded

6-3101-4W
Ball Bearing
Dbl. Sealed

Same as 6-3101-4 except...

Features:

- WBD



6-3102-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (S.R.E.)

Replaces: Ref# W6002

Unit Nos: Nippondenso 100211-140, -143, -155, -156, -157, -163, -166, -167, -168, -180, -400, -408, -410, -411, -413, -415, -417, -426, -435, -439, -444, -452, -454, -464, -465, -660, -672, -678, -686, -688, -693, -696, -699; 101211-110, -202, -213, -224, -236, -237

Lester Nos: 12180, 12182, 12187, 12190, 13214, 13239, 13255, 13316, 13414, 13485, 13522, 13740, 14684, 14733, 14843, 14937, 14940

Dim: 15mm ID x 32mm OD x 11mm W

Features:

- Premium Quality

6-3102-4W
Ball Bearing
Dbl. Sealed

Same as 6-3102-4 except...

Features:

- WBD



6-3203-4
Ball Bearing
Dbl. Sealed

For: Motorola / Prestolite 8SA, 12SA Series Alternators (S.R.E.)

Replaces: Motorola 11-39; Prestolite 111-39;

Ref# W6203

Dim: 17mm ID x 40mm OD x 17.5mm W

Features:

- Premium Quality

6-3203-4W
Ball Bearing
Dbl. Sealed

Same as 6-3203-4 except...

Features:

- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



6-3205-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville Alternators (S.R.E.)
Replaces: Leece-Neville 32054, 36686;
Ref# W6205
Dim: 25mm ID x 52mm OD x 20.6mm W
Features:
• Premium Quality



6-3305-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville 2300-2800JB Series
Alternators (D.E.)
Replaces: Leece-Neville 35624;
Ref# W6305
Dim: 25mm ID x 62mm OD x 25.4mm W
Note: Extra wide bearing
Features:
• Premium Quality

6-3305-4W
Ball Bearing
Dbl. Sealed

Same as 6-3305-4 except...
Features:
• WBD



6-3306-4
Ball Bearing
Dbl. Sealed

For: Leece-Neville Alternators (D.E.)
Replaces: Leece-Neville 74091;
Ref# W6306
Dim: 30mm ID x 72mm OD x 30.2mm W
Features:
• Premium Quality



7-3306
Ball Bearing
Open

For: Delco 50DN Series Bus Alternators
(Outer D.E.)
Replaces: Delco 954533, 9439724;
Ref# 3306
Dim: 30mm ID x 72mm OD x 30.2mm W
Note: Double row angular contact bearing. Used in air-cooled or oil-cooled alternators.



10-800-4
Ball Bearing
Dbl. Sealed

For: Mando, Mitsubishi IR/IF Alternators
(S.R.E.)
Replaces: Ref# SC8A05LHI
Lester Nos: 13183, 188, 189, 190,
196, 211, 213, 227, 230, 231, 237, 238,
249, 251, 253, 257, 263, 271, 272, 282,
286, 289, 290, 293, 295, 297, 298, 299,
303, 314, 336, 337, 350, 352, 406, 415,
416, 430, 432, 439, 445, 446, 447, 448,
450, 451, 460, 473, 478, 479, 480, 511,
(cont'd.)

(cont'd.)
523, 549, 559, 575, 577, 580, 584, 585,
586, 587, 596, 597, 598, 608, 614, 615,
616, 648, 649, 650, 692, 698, 700, 701,
716, 717, 718, 723, 735, 750, 751, 752,
762, 764, 780, 781, 786, 787, 821;
14243, 436, 656, 699, 718, 720, 723,
724, 725, 905, 906, 908, 910, 916, 967,
979
Dim: 8mm ID x 23mm OD x 14mm W
Note: With 2-plastic tolerance rings
Features:
• Premium Quality

10-800-4W
Ball Bearing
Dbl. Sealed

Same as 10-800-4 except...
Features:
• WBD



10-874-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (S.R.E.)
Replaces: Ref# B8-74D
Unit Nos: Mitsubishi A1T40391,
A1T40491, A1T40791, A2T41791,
A2T41991, A2T42777, A2T45272,
A2T48176, A2T48195, A5T40374
Lester Nos: 14447, 14655, 14656,
14657, 14693, 14694, 14697, 14699,
14706, 14708, 14709, 14725, 14908,
14917, 14950
WAI Ref. Nos: 1-1099-01MI,
1-1105-01MI, 1-1105-02MI,
1-1162-01MI, 1-1186-01MI,
1-1193-01MI, 1-1194-01MI,
1-1195-01MI
Dim: 8mm ID x 22mm OD x 11mm W
Note: With retaining ring
Features:
• Premium Quality

10-874-4W
Ball Bearing
Dbl. Sealed

Same as 10-874-4 except...
Features:
• WBD



10-879-4
Ball Bearing
Dbi. Sealed

For: Mando, Mitsubishi IR/IF Alternators (S.R.E.)

Replaces: Ref# B8-79D

Unit Nos: Mando AB155001, AB175020, AB190025, AR160A; Mitsubishi A0T25371, 25471; A1T01591, 01691, 01991, 34672, 40191, 40291, 40671, 40891; A2T00991, 02271, 02471, 03072, 03471, 03477, 03691, 03792, 03892, 03972, 04271, 06871, 07292, 07292A, 09392, 09493, 09691, 09792, 17692, 43791, 43891, 43892, 45272A, 46395, 47474, 47794, 48176A, 48195A, 48691, 48791, 49891, 49972, 49977, 49992; A5T31177, 41094, 41592; A7T30492, 30571

Lester Nos: 13197, 13249, 13265, 13289, 13318, 13332, 14427, 14428, 14429, 14430, 14431, 14432, 14433, 14434, 14435, 14436, 14437, 14438, 14445, 14447, 14655, 14656, 14657, 14693, 14697, 14706, 14709, 14718, 14723, 14724, 14725, 14876, 14910, 14916, 14917, 14950, 14967, 14979

Dim: 8mm ID x 23mm OD x 11mm W

Note: With retaining ring

Features:

- Premium Quality

10-879-4W
Ball Bearing
Dbi. Sealed

Same as 10-879-4 except...

Features:

- WBD



10-885-4
Ball Bearing
Dbi. Sealed

For: Mando, Mitsubishi IR/IF Alternators (S.R.E.)

Replaces: Ref# B8-85D

Lester Nos: 13182, 13196, 13259, 13266, 13292, 14655, 14656, 14725, 14902, 14903, 14910

WAI Ref. Nos: 1-1017-01MI, 1-1105-01MI, 1-1105-02MI, 1-1135-01MI, 1-1142-01MI, 1-1149-01MI, 1-1171-01MI, 1-1173-01MI, 1-1944-01MI, 1-2342-01MI

Dim: 8mm ID x 23mm OD x 14mm W

Note: With retaining ring

Features:

- Premium Quality

10-885-4W
Ball Bearing
Dbi. Sealed

Same as 10-885-4 except...

Features:

- WBD



10-900-4W
Ball Bearing
Dbi. Sealed

For: Mitsubishi IR/IF Alternators (S.R.E.)

Replaces: Ref# SC008ILHIA

Unit Nos: Mitsubishi A4T00796, A4T01493, A4T01893, A4T03091, A4T03191, A4T03591, A4T30593

Lester Nos: 13212, 13351, 13435

WAI Ref. Nos: 1-1184-01MI, 1-1432-01MI, 1-1595-01MI

Dim: 10mm ID x 27mm OD x 14mm W

Note: With 2-plastic tolerance rings

Features:

- WBD



10-1041-4
Ball Bearing
Dbi. Sealed

For: Mitsubishi PLGR Starters (D.E.)

Unit Nos: Mitsubishi M8T50071, M8T50171, M8T50172

Lester Nos: 17577, 17578

WAI Ref. Nos: 2-1747-MI, 2-1748-MI

Dim: 20mm ID x 42mm OD x 12mm W

Note: With 2-grooves in bore

Features:

- Premium Quality

10-1041-4W
Ball Bearing
Dbi. Sealed

Same as 10-1041-4 except...

Features:

- WBD



10-1046-4
Ball Bearing
Dbi. Sealed

For: Hitachi IR/IF Alternators (S.R.E.)

Replaces: Ref# B10-46D

Unit Nos: Hitachi LR145-701, B, E; LR170-702B

Lester Nos: 14655, 14717

WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI

Dim: 10mm ID x 23mm OD x 11mm W

Note: With retaining ring

Features:

- Premium Quality

10-1046-4W
Ball Bearing
Dbi. Sealed

Same as 10-1046-4 except...

Features:

- WBD



10-1050-4
Ball Bearing
Dbi. Sealed

For: Hitachi IR/IF Alternators (S.R.E.)

Replaces: Ref# B10-50D

Unit Nos: Hitachi LR150-703; LR150-704, H; LR150-711, LR160-715; LR160-718, H; LR160-723, B; LR160-724; LR160-725, C; LR160-726, LR160-731; LR165-704, B; LR165-707; B, LR170-714; LR170-715, B; LR170-716, B; LR170-717, LR170-727; LR170-732B, C; LR170-734B; LR170-738, B, C, E; LR170-739, B; LR170-744, LR170-755, LR180-715; LR180-718, B; LR180-719; LR180-725, B, C; LR180-729; LR180-733, B; LR180-734B, LR180-736B, LR190-717, LR190-744

Lester Nos: 13250, 273, 275, 285, 287, 327, 329, 334, 474, 531, 533, 534, 564, 744, 745, 757, 825; 14241, 242, 719, 743, 859, 860, 960, 979

Dim: 10mm ID x 27mm OD x 11mm W

Note: With retaining ring

Features:

- Premium Quality

10-1050-4W
Ball Bearing
Dbi. Sealed

Same as 10-1050-4 except...

Features:

- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



10-1050-84
Ball Bearing
DbL. Sealed

For: Hitachi IR/IF (External Driver) Alternators (S.R.E.)

Unit Nos: Hitachi LR160-727, LR165-708C, LR170-745; LR170-748, B; LR170-757B, LR170-758, LR180-725E, LR180-734C, LR180-741H, LR180-742, LR180-744, LR180-751, LR185-701, E; LR185-702, LR190-724, LR190-729; LR190-737B, E; LR1100-704B; LR1100-709, B; LR1100-711B, LR1100-716; LR1110-705, B; LR1110-707C, E, F, G; LR1110-709, B; LR1125-702, B, F

Lester Nos: 13534, 13612, 13636, 13637, 13638, 13639, 13640, 13641, 13642, 13643, 13644, 13645, 13657, 13712, 13713, 13724, 13728, 13760, 13778, 13788, 13789

Dim: 10mm ID x 27mm OD x 11mm W

Note: With 2-plastic tolerance rings

Features:

- Premium Quality



10-1051-4
Ball Bearing
DbL. Sealed

For: Ford 6G Series IR/IF Alternators (S.R.E.)

Lester Nos: 7788, 7795, 7796, 7797, 7798, 7799, 8250, 8253, 8256

Dim: 10mm ID x 27mm OD x 11mm W

Features:

- Premium Quality

10-1051-4W
Ball Bearing
DbL. Sealed

Same as 10-1051-4 except...

Features:

- WBD



10-1569-4
Ball Bearing
DbL. Sealed

For: Hitachi IR/EF Alternators (S.R.E.)

Replaces: Ref# B15-69

Unit Nos: Hitachi LR150-449C, LR160-422B, LR165-03, LR170-401; LR170-404, B, C; LR170-410; LR170-418B, C; LR180-509, LR235-402

Lester Nos: 14663, 14735, 14753

WAI Ref. Nos: 1-1116-01HI,

1-1426-01HI, 1-1940-01HI,

1-1940-02HI, 1-2271-01HI,

1-2317-01HI, 1-2358-01HI

Dim: 15mm ID x 35mm OD x 13mm W

Note: With retaining ring

Features:

- Premium Quality



10-1583-4
Ball Bearing
DbL. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)

Replaces: Ref# B15-83D

Unit Nos: Mitsubishi A2T02394, A2T02394B, A2T14694, A2T47794, A2T47794B, A2T48594B, A2T48594C, A3T00491, A3T00896, A3T01496, A3T01596, A3T01598, A3T03891, A3T12691

Lester Nos: 13188, 13189, 13190, 13230, 13263, 13298, 14979

WAI Ref. Nos: 1-1098-01MI,

1-1175-01MI, 1-1180-01MI,

1-1180-02MI, 1-1182-01MI,

1-1183-01MI, 1-1259-01MI,

1-2164-01MI

Dim: 15mm ID x 47mm OD x 18mm W

Features:

- Premium Quality

10-1583-4W
Ball Bearing
DbL. Sealed

Same as 10-1583-4 except...

Features:

- WBD



10-1594-4
Ball Bearing
DbL. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)

Replaces: Ref# TMB303LU

Unit Nos: Mitsubishi A2T13894, A2T18792, A2T27594, A2T29594, A2TA3791, A2TA7491, A4T00796

Lester Nos: 13212, 13286, 13549, 13575

WAI Ref. Nos: 1-1120-01MI,

1-1184-01MI, 1-1427-01MI,

1-1928-01MI

Dim: 17mm ID x 47mm OD x 18mm W

Features:

- Premium Quality

10-1594-4W
Ball Bearing
DbL. Sealed

Same as 10-1594-4 except...

Features:

- WBD



10-2011-3
Ball Bearing
Sgl. Sealed

For: Nippondenso IR/EF Alternators (S.R.E.)

Replaces: Ref# 6201-RRU

Unit Nos: Nippondenso 021000-741, 021000-875, 100211-007, 100211-008, 100211-0081, 100211-028, 100211-029, 100211-580

Lester Nos: 12065, 13143

WAI Ref. Nos: 1-2236-10ND

Dim: 12mm ID x 35mm OD x 18mm W

10-2011-3W
Ball Bearing
Sgl. Sealed

Same as 10-2011-3 except...

Features:

- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)



10-2012-4
Ball Bearing
Dbl. Sealed

For: Hitachi IR/EF, IR/IF; Mitsubishi IR/EF Alternators (S.R.E.)

Unit Nos: Hitachi LR155-18, LR160-137, LR160-138, LR160-151, LR170-21, LR170-22, LR170-713; LR170-721, B; LR180-704; LR180-705, B; LR180-724; LR190-704, B; LR190-706, LR190-707; LR190-709, B; LR190-711, LR190-714, LR195-701, LR225-86B, LR1100-702, LR1110-701, LR1110-702; Mitsubishi A2T41899, A2T43583, A3T03298, A3T35172, A3T40672, A4T30399, A5T15584, A5T20484, A5T21077, A5T22484

Lester Nos: 13261, 13262, 13324, 13429, 13477, 14267, 14557, 14651, 14660, 14661, 14665, 14690, 14692, 14703, 14721, 14742, 14744, 14745, 14749, 14751, 14752

Dim: 12mm ID x 32mm OD x 10mm W

Note: With retaining ring

Features:

- Premium Quality

10-2012-4W
Ball Bearing
Dbl. Sealed

Same as 10-2012-4 except...

Features:

- WBD



10-2013-4
Ball Bearing
Dbl. Sealed

For: Hitachi IR/IF Alternators (S.R.E.)

Unit Nos: Hitachi LR1110-701B

Lester Nos: 13261

WAI Ref. Nos: 1-1478-01HI

Dim: 12mm ID x 32mm OD x 13mm W

Note: With retaining ring

Features:

- Premium Quality



10-2021-4
Ball Bearing
Dbl. Sealed

For: Nippondenso ER/IF, IR/IF Alternators (S.R.E.)

Replaces: Ref# 444

Dim: 15mm ID x 35mm OD x 13mm W

Features:

- Premium Quality

10-2021-4W
Ball Bearing
Dbl. Sealed

Same as 10-2021-4 except...

Features:

- WBD



10-2022-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (D.E.)

Replaces: Ref# 348

Unit Nos: Nippondenso 100211-156, 100211-157, 100211-411, 100211-413, 100211-417, 100211-426, 100211-429, 100211-435, 100211-660, 100211-672, 100211-686, 100211-699, 101211-202, 101211-236, 101211-237

Lester Nos: 13214, 13239, 13255, 13316, 13414, 13522, 13740, 14733, 14843, 14940

WAI Ref. Nos: 1-1085-01ND, 1-1230-01ND, 1-1230-02ND, 1-1238-01ND, 1-1260-01ND, 1-1881-01ND, 1-1968-01ND, 1-1969-01ND, 1-2134-01ND

Dim: 15mm ID x 38mm OD x 19mm W

Features:

- Premium Quality

10-2022-4W
Ball Bearing
Dbl. Sealed

Same as 10-2022-4 except...

Features:

- WBD



10-2041-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi OSGR Starters (D.E.)

Replaces: Ref# 6204DW

Unit Nos: Mitsubishi M3T56072, M3T56074, M3T56082, M3T56084

WAI Ref. Nos: 2-1913-MI

Dim: 18.7mm ID x 47.1mm OD x 14mm W

Note: With bushing

Features:

- Premium Quality



10-3021-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (D.E.)

Replaces: Ref# 319, 329

Unit Nos: Nippondenso 100211-103, 100211-105, 100211-118, 100211-127, 100211-143

Lester Nos: 14678, 14679, 14733, 14757, 14851, 14940

WAI Ref. Nos: 1-1015-01ND, 1-1062-02ND, 1-1238-01ND

Dim: 15mm ID x 43mm OD x 13mm W

Features:

- Premium Quality

10-3021-4W
Ball Bearing
Dbl. Sealed

Same as 10-3021-4 except...

Features:

- WBD

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



10-3022-4
Ball Bearing
Dbl. Sealed

For: Nippondenso ER/IF, IR/IF Alternators (D.E.)

Replaces: Ref# 336

Lester Nos: 13185, 220, 229, 240, 294, 326, 383, 390, 391, 398, 409, 423, 433, 492, 508, 509, 521, 569, 671, 673, 679, 680, 711, 858; 14449, 453, 454, 457, 458, 472, 591, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 732, 739, 755, 756, 757, 759, 847, 851, 852, 853, 854, 855, 857, 869, 872, 930, 931, 935, 939, 941, 974, 989

Dim: 15mm ID x 46mm OD x 14mm W

Features:

- Premium Quality

10-3022-4W
Ball Bearing
Dbl. Sealed

Same as 10-3022-4 except...

Features:

- WBD



10-3031-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)

Replaces: Ref. Nos. B15-86D, TMB303LUX

Lester Nos: 13183, 13196, 13211, 13213, 13227, 13231, 13237, 13238, 13249, 13251, 13253, 13257, 13265, 13266, 13271, 13272, 13282, 13289, 13290, 13293, 13295, 13297, 13298, 13299, 13303, 13314, 13332, 13337, 13350, 13352, 13416, 13432, 13480, 14655, 14656, 14718, 14723, 14724, 14725, 14905

Dim: 15mm ID x 47mm OD x 14mm W

Features:

- Premium Quality

10-3031-4W
Ball Bearing
Dbl. Sealed

Same as 10-3031-4 except...

Features:

- WBD



10-3032-4
Ball Bearing
Dbl. Sealed

For: Ford 3G Series IR/IF (D.E.), Mitsubishi IR/IF Alternators (D.E.)

Unit Nos: Ford F5PZ-10346-GA, F6UZ-10346-SA; Mitsubishi A4T01493, A4T01893

Lester Nos: 13351, 13435, 7785

Dim: 17mm ID x 47mm OD x 24mm W

Features:

- Premium Quality

10-3032-4W
Ball Bearing
Dbl. Sealed

Same as 10-3032-4 except...

Features:

- WBD



10-3041-4
Ball Bearing
Dbl. Sealed

For: Nippondenso IR/IF Alternators (D.E.)

Replaces: Ref# 382

Lester Nos: 13234, 13240, 13241, 13277, 13319, 13322, 13338, 13339, 13392, 13397, 13411, 13455, 13456, 13482, 13486, 13496, 13499, 13500, 13512, 13536, 13659, 13670, 13671, 13673, 14454, 14455, 14611, 14671, 14683, 14847, 14849, 14974

Dim: 15mm ID x 52mm OD x 16mm W

Features:

- Premium Quality

10-3041-4W
Ball Bearing
Dbl. Sealed

Same as 10-3041-4 except...

Features:

- WBD



10-3042-4
Ball Bearing
Dbl. Sealed

For: Nippondenso ER/IF, IR/IF Alternators (D.E.)

Replaces: Ref# 333

Dim: 17mm ID x 52mm OD x 16mm W

Features:

- Premium Quality

10-3042-4W
Ball Bearing
Dbl. Sealed

Same as 10-3042-4 except...

Features:

- WBD



10-3043-4
Ball Bearing
Dbl. Sealed

For: Bosch IR/EF, IR/IF Alternators (D.E.); Ford 6G Series IR/IF Alternators (D.E.)

Replaces: Bosch 1-120-905-012, -054, -055, -070, -089, -510, -520

Unit Nos: Bosch 0-120-465-003, -004, -013, -014, -015, -016, -017; 0-120-468-019, -020, -025, -026, -027, -030 to -033, -048, -049, -057 to -064, -070, -071, -072, -078, -102, -103, -112; 0-120-469-744, -745, -811, -812, -896, -897, -912, -927, -928, -943, -969, -974, -984, -985;

0-120-485-011, -012, -022, -048;

0-120-489-323 to -328, -330;

0-123-214-002; 0-123-310-022, -041,

-044; 0-123-315-005, -013;

0-123-320-010, -011, -016, -020, -035,

-039, -044, -045, -046, -052, -057;

0-123-335-001 to -006; 0-123-500-001,

-002; 0-123-505-007, -009, -017;

0-123-510-002, -004, -013, -018, -021,

-023, -028, -033, -040, -051, -059, -061,

-066, -067, -068, -073, -079, -080, -088;

0-123-515-002, -004, -010, -030;

0-123-520-003, -006, -007, -008, -012,

-017, -019, -021; 0-123-540-002,

0-123-545-004

(cont'd.)

ALTERNATOR - BEARINGS (6-, 8-, 10-)

(cont'd.)

Lester Nos: 13243, 13260, 13269, 13270, 13356, 13357, 13359, 13360, 13363, 13364, 13366, 13367, 13372, 13376, 13465, 13469, 13526, 13610, 13611, 13613, 13623, 13624, 13631, 13710, 13729, 13734, 13772, 13779, 13793, 13797, 13798, 13811, 13812, 13819, 14820, 7797

Dim: 17mm ID x 52mm OD x 17mm W

Features:

- Premium Quality

10-3043-4W
Ball Bearing
Dbl. Sealed

Same as 10-3043-4 except...

Features:

- WBD



10-3044-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi IR/IF Alternators (D.E.)

Unit Nos: Mitsubishi A3T08491, A3T12291, A3T12291A, A3T12491, A3T14491, A3TA0791, A3TA0791A, A3TA1191, A3TA1191A, A4T03091, A4T03191, A6T41491, A6T41591

Lester Nos: 13351, 13435, 13446, 13447, 13448, 13596, 13597, 13615, 13692, 13786

WAI Ref. Nos: 1-1432-01MI, 1-1589-01MI, 1-1590-01MI, 1-1595-01MI, 1-1600-01MI, 1-1958-01MI, 1-2076-01MI, 1-2115-01MI, 1-2147-01MI, 1-2203-01MI

Dim: 17mm ID x 52mm OD x 18mm W

Features:

- Premium Quality

10-3044-4W
Ball Bearing
Dbl. Sealed

Same as 10-3044-4 except...

Features:

- WBD



10-3051-4
Ball Bearing
Dbl. Sealed

For: Nippondenso 24V, IR/EF Alternators (D.E.)

Unit Nos: Nippondenso 100211-086, 100211-089

Dim: 25mm ID x 62mm OD x 19mm W

Features:

- Premium Quality



10-3052-4
Ball Bearing
Dbl. Sealed

For: Bosch 24V, IR/EF Alternators (D.E.)

Replaces: Bosch 1-120-905-043

Unit Nos: Bosch 0-122-469-001, 0-122-469-002, 0-122-469-003, 0-122-469-004; Hitachi LR165-02;

Mitsubishi A4T25599, A4T25699, A4T25788, A4T58986

Dim: 25mm ID x 62mm OD x 24mm W

Features:

- Premium Quality



10-7109-1
Ball Bearing

Sgl. Shielded, One Side Open

For: Magnetos

Replaces: Fairbanks Morse C5949; Prestolite 25-27; Ref# 7109

Dim: 15mm ID x 35mm OD x 9mm W



10-9041-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi OSGR Starters (D.E.)

Replaces: Ref# 6904DW

Unit Nos: Delco 1998518, 1998545, 10455706, 22511854, 22515863, 22522853, 22523207;

Mitsubishi M1T50371, M1T50671, M2T56071, M2T56181, M2T56471, M2T60071, M2T60171, M2T60371, M2T66371, M3T66073, M3T66074, M4T66074, M4T66173

Lester Nos: 16744, 16799, 16853, 16854, 16868, 16869, 16870, 16871, 17008, 17036

WAI Ref. Nos: 2-1138-MI, 2-1169-MI, 2-1170-MI, 2-1249-MI, 2-1406-MI, 2-1407-MI, 2-1408-MI, 2-1451-MI, 2-1551-MI, 2-1732-MI, 2-1963-MI

Dim: 18.8mm ID x 37mm OD x 9mm W

Note: With bushing

Features:

- Premium Quality



10-9061-4
Ball Bearing
Dbl. Sealed

For: Mitsubishi PMGR Starters (D.E.)

Replaces: Ref# 6906DW

Unit Nos: Mitsubishi M0T60081, M0T60181, M1T60281, M1T60285, M1T60381

Lester Nos: 17425, 17683, 17685

WAI Ref. Nos: 2-1121-MI, 2-1444-MI, 2-1847-MI, 2-1848-MI

Dim: 30mm ID x 47mm OD x 9mm W

Note: With 2-grooves in bore

Features:

- Premium Quality

ALTERNATOR - BEARINGS (6-, 8-, 10-)

BALL BEARINGS (cont'd.)



10-62304-4

Ball Bearing

Db. Sealed

For: Bosch IR/EF Alternators (D.E.)

Replaces: Bosch 1-120-905-005

Unit Nos: Bosch 0-120-469-686,
0-120-469-687

Dim: 17mm ID x 52mm OD x 21mm W

Features:

- Premium Quality



10-62322-4

Ball Bearing

Db. Sealed

For: Bosch 12-24V, IR/EF Alternators
(D.E.)

Replaces: Bosch 1-120-905-035

Unit Nos: Bosch 0-120-468-028,
0-120-468-054, 0-120-468-055,
0-120-468-136

Lester Nos: 12131

WAI Ref. Nos: 1-2045-01BO

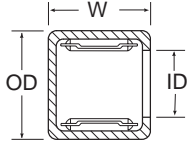
Dim: 22.2mm ID x 56mm OD x 21mm W

Features:

- Premium Quality

ALTERNATOR - BEARINGS (6-, 8-, 10-)

NEEDLE BEARING DIMENSION CHART



ID (mm)	OD (mm)	W (mm)	WAI No.	Design	Note
5	9	9	8-9108	Open End	
6	10	8	8-203	Open End	
		9	8-9109	Open End	
6.4	11.1	11	8-114	Open End	
9	13	10	8-9110	Open End	
		12	8-130	Open End	
9.5	14.3	7.9	8-113	Open End	
10	14	10	8-9106	Open End	
		13.8	8-9400	Closed End	
		15	8-8301	Closed End	
11	15.5	14.3	8-8200	Closed End	
	16	12.7	8-118	Open End	
12	16	10	8-201	Open End	
12.7	17.5	14.2	8-702	Closed End	
15	21	12	8-8101	Open End	
16	20.6	12.5	8-202	Open End	
17	23.8	17	8-101-1	Closed End	Torrington
			8-101-2	Closed End	INA
			8-101-5	Closed End	Best Value
			8-122	Closed End	Used w/ 8-121 Inner Race
		17.4	8-501	Open End	
		19.6	8-103	Closed End	Double Seal
		20	8-102	Closed End	
		22	8-119	Closed End	
		31.5	8-109	Closed End	
		33	8-128	Closed End	Double Seal
24	20	8-8201	Closed End		
18	24	16	8-9104	Open End	
19	25.4	14	8-204	Open End	
		19	8-110	Open End	
		31.7	8-601	Open End	Used with 8-602 Inner Race
20.5	27	9.5	8-8303	Open End	
22.2	30.2	20.6	8-107	Open End	Used w/ 8-108 Inner Race
	40	11.9	8-104	Open End	Used w/ 8-105 or 8-502 Inner Races
25.4	31.8	9.5	8-115	Open End	
30	37	11.9	8-129	Open End	
47	72	30	8-120	Open End	Roller Bearing & Race

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ROLLER BEARINGS

Chrysler



8-101-1

Needle Bearing

For: Chrysler, Delco, Ford Alternators
Replaces: Chrysler 2095037, 2098512, 3755184; Delco 1957004, 7451326, 7451931, 7454763, 9418076, 9427225, 9432068, 9437305, 9438527, 9441879; Ford D2OZ-10A304-A, D4HZ-10A304-A; Leece-Neville 58734; Prestolite X-3417
Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End
Features:

- Premium Quality
- Mfd. by Torrington

8-101-2

Needle Bearing

Same as 8-101-1 except...
Features:

- Premium Quality
- Mfd. by INA

8-101-5

Needle Bearing

Same as 8-101-1 except...
Features:

- Best Value



8-102

Needle Bearing

For: Chrysler 100-114A; Delco 15SI Series; Leece-Neville 2300-2800JB Series Alternators
Replaces: Chrysler 3874074; Delco 1975322; Leece-Neville 78625
Dim: 17mm ID x 23.8mm OD x 20mm W, Closed End

Delco



8-101-1

Needle Bearing

For: Chrysler, Delco, Ford Alternators
Replaces: Chrysler 2095037, 2098512, 3755184; Delco 1957004, 7451326, 7451931, 7454763, 9418076, 9427225, 9432068, 9437305, 9438527, 9441879; Ford D2OZ-10A304-A, D4HZ-10A304-A; Leece-Neville 58734; Prestolite X-3417
Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End
Features:

- Premium Quality
- Mfd. by Torrington

8-101-2

Needle Bearing

Same as 8-101-1 except...
Features:

- Premium Quality
- Mfd. by INA

8-101-5

Needle Bearing

Same as 8-101-1 except...
Features:

- Best Value



8-102

Needle Bearing

For: Chrysler 100-114A; Delco 15SI Series; Leece-Neville 2300-2800JB Series Alternators
Replaces: Chrysler 3874074; Delco 1975322; Leece-Neville 78625
Dim: 17mm ID x 23.8mm OD x 20mm W, Closed End



8-103

Needle Bearing

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Replaces: Delco 1974862
Dim: 17mm ID x 23.8mm OD x 19.6mm W, Closed End
Features:

- Heavy-duty double seal



8-104

Outer Race Roller Bearing

For: Delco 20DN, 25SI (Early) Series; Leece-Neville 3425J, 4425J Series Alternators
Replaces: Delco 7451642, 12333738; Leece-Neville 79406
Dim: 22.2mm ID x 40mm OD x 11.9mm W, Open End
Note: Used w/ 8-105 inner race for Delco applications & 8-502 inner race for Leece-Neville applications



8-105

Inner Race

For: Delco 20DN, 25SI (Early) Series Alternators
Replaces: Delco 12333739
Dim: 17mm ID x 22.1mm OD x 17.5mm W
Note: Used w/ 8-104 roller bearing



8-106

Bearing Repair Sleeve

For: Delco 20DN, 25SI (Early) Series Alternators
Dim: 30.1mm ID x 40mm OD x 39.1mm W
Note: Replaces early style roller bearing set (8-104, 8-105) w/ late style type (8-107, 8-108)



8-107

Outer Race Roller Bearing

For: Delco 25SI, 26SI, 27SI/Type 205, 30SI, 33SI, 34SI Series Alternators
Replaces: Delco 9436064
Dim: 22.2mm ID x 30.2mm OD x 20.6mm W, Open End
Note: Used w/ 8-108 inner race

ALTERNATOR - BEARINGS (6-, 8-, 10-)



8-108

Inner Race

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 9436063

Dim: 17mm ID x 22.2mm OD x 25.4mm W

Note: Used w/ 8-107 roller bearing



8-109

Needle Bearing

For: Delco 20SI, 21SI, 22SI, 27SI/Type 200, 29SI, 40SI Series IR/EF Alternators

Replaces: Delco 7451782, 9437171

Dim: 17mm ID x 23.8mm OD x 31.5mm W, Closed End

Note: 8-109 and 8-128 are similar except:

8-109: 31.5mm long

8-128: 33mm long w/ double seal

Features:

- INA



8-119

Needle Bearing

For: Delco 15SI/Type 116, 21SI Series Alternators

Replaces: Delco 9439542, 10472936; Leece-Neville 101414

Dim: 17mm ID x 23.8mm OD x 22mm W, Closed End

Note: With double seal



8-120

Roller Bearing & Race

For: Delco 50DN Series Bus Alternators (Outer D.E.)

Replaces: Delco 9440138

(cont'd.)

(cont'd.)

Dim:

Roller Brg. 47mm ID x 72mm OD x 30mm W;

Race 30mm ID x 47mm OD x 30mm W, Open End

Note: Used in oiled-cooled alternators only



8-121

Inner Race

For: Delco 15SI, 17SI, CS144 Series IR/EF Alternators (Rotor)

Dim: 10mm ID x 17mm OD x 15mm W

Note: Used w/ 8-122 needle bearing on late style rotors



8-122

Needle Bearing

For: Delco CS144 Series, 140A Alternators

Replaces: Delco 10474368, 10476418, 10491309

Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End

Note: Used w/ 8-121 inner race



8-128

Needle Bearing

For: Delco 22SI, 23SI Series IR/EF Alternators

Replaces: Delco 10483523

Unit Nos: Delco 19011000, 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019

Lester Nos: 8086, 8087, 8088

Dim: 17mm ID x 23.8mm OD x 33mm W, Closed End

Note: 8-109 and 8-128 are similar except:

8-109: 31.5mm long

8-128: 33mm long w/ double seal

Features:

- Double seal



8-501

Needle Bearing

For: Delco 10DN Series; Chrysler Marine Alternators; Leece-Neville 2300-2800JB Series Alternators

Replaces: Delco 9433301, 9437211, 9437221; Leece-Neville 78625

Dim: 17mm ID x 23.8mm OD x 17.4mm W, Open End

Ford



8-101-1

Needle Bearing

For: Chrysler, Delco, Ford Alternators

Replaces: Chrysler 2095037, 2098512, 3755184; Delco 1957004, 7451326, 7451931, 7454763, 9418076, 9427225, 9432068, 9437305, 9438527, 9441879; Ford D2OZ-10A304-A, D4HZ-10A304-A; Leece-Neville 58734; Prestolite X-3417

Dim: 17mm ID x 23.8mm OD x 17mm W, Closed End

Features:

- Premium Quality
- Mfd. by Torrington

8-101-2

Needle Bearing

Same as 8-101-1 except...

Features:

- Premium Quality
- Mfd. by INA

8-101-5

Needle Bearing

Same as 8-101-1 except...

Features:

- Best Value

ALTERNATOR - BEARINGS (6-, 8-, 10-)

ROLLER BEARINGS

Leece-Neville



8-102

Needle Bearing

For: Chrysler 100-114A; Delco 15SI Series; Leece-Neville 2300-2800JB Series Alternators

Replaces: Chrysler 3874074; Delco 1975322; Leece-Neville 78625

Dim: 17mm ID x 23.8mm OD x 20mm W, Closed End



8-104

Outer Race Roller Bearing

For: Delco 20DN, 25SI (Early) Series; Leece-Neville 3425J, 4425J Series Alternators

Replaces: Delco 7451642, 12333738; Leece-Neville 79406

Dim: 22.2mm ID x 40mm OD x 11.9mm W, Open End

Note: Used w/ 8-105 inner race for Delco applications & 8-502 inner race for Leece-Neville applications



8-501

Needle Bearing

For: Delco 10DN Series; Chrysler Marine Alternators; Leece-Neville 2300-2800JB Series Alternators

Replaces: Delco 9433301, 9437211, 9437221; Leece-Neville 78625

Dim: 17mm ID x 23.8mm OD x 17.4mm W, Open End



8-502

Inner Race

For: Leece-Neville 3425J, 4425J Series Alternators

Replaces: Leece-Neville 79424

Dim: 17mm ID x 22.1mm OD x 36.5mm W

Note: Used with 8-104 roller bearing

Lucas



8-702

Needle Bearing

For: Lucas Generators

Used On: Harley-Davidson

Replaces: Lucas UMB110

Dim: 12.7mm ID x 17.5mm OD x 14.2mm W, Closed End

Prestolite



8-601

Outer Race Roller Bearing

For: Prestolite ANB Series Alternators

Replaces: Case A44443; Caterpillar 2L0611, 2L611; Prestolite 90-2058 (set#)

Dim: 19mm ID x 31.7mm OD x 19mm W, Open End

Note: Used with 8-602 inner race



8-602

Inner Race

For: Prestolite ANB Series Alternators

Replaces: Caterpillar 1P1134; Prestolite 90-2058 (set#)

Dim: 12.7mm ID x 19mm OD x 25.4mm W

Note: Used with 8-601 roller bearing

TOLERANCE RINGS



12-100-1

Tolerance Ring

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 1989648, 10496501

Note: Also used for repairing worn bearing housings using 6000 ball bearing (WAI 6-100-2, 6-100-4).

Bearing Dim: 10mm ID x 26mm OD x 8mm W.



12-200-1

Tolerance Ring

Note: For repairing worn bearing housings using 6200 ball bearing (WAI 6-200-2, 6-200-4).

Bearing Dim: 10mm ID x 30mm OD x 9mm W.



12-201-1

Tolerance Ring

Note: For repairing worn bearing housings using 6201 ball bearing (WAI 6-201-2, 6-201-4).

Bearing Dim: 12mm ID x 32mm OD x 10mm W.



12-202-1

Tolerance Ring

Note: For repairing worn bearing housings using 6202 ball bearing (WAI 6-202-2, 6-202-4).

Bearing Dim: 15mm ID x 35mm OD x 11mm W.



12-203-1

Tolerance Ring

For: Chrysler 40/90, 50/120A Alternators

Replaces: Chrysler 4433831

Note: Also used for repairing worn bearing housings using 6203 ball bearing (WAI 6-203-4, 6-203-4N, 6-203-4W).
Bearing Dim: 17mm ID x 40mm OD x 12mm W.



12-205

Tolerance Ring

Note: For repairing worn bearing housings using 6205 or 6304 ball bearings (WAI 6-205-4, 6-304-4).

6205 Bearing Dim: 25mm ID x 52mm OD x 15mm W.

6304 Bearing Dim: 20mm ID x 52mm OD x 15mm W.

TOLERANCE RING REFERENCE CHART

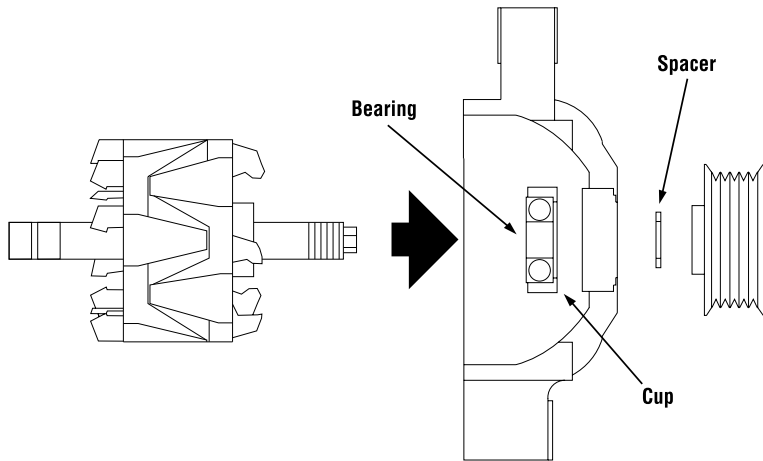


- Repairs severely worn bearing housings.
- Metal Tolerance Rings are compression sleeves specially designed to mount ball bearings securely with only a light press-fit.
- Each corrugation in a Tolerance Ring acts as an individual spring exerting a uniform compressive force to give a firm grip and prevent outer-ace rotation.

WAI No.	Bearing Application			Recommended Housing Bore (in.)
12-100-1	6000	-	-	-
12-200-1	-	6200	-	1.259/1.257
12-201-1	-	6201	-	1.338/1.336
12-202-1	-	6202	6300	1.456/1.454
12-203-1	-	6203	-	1.653/1.651
12-205	-	6205	6304	2.145/2.143

ALTERNATOR - BEARINGS (6-, 8-, 10-)

SUBSTITUTE HARD-TO-GET BEARINGS FOR NIPPONDENSO & MITSUBISHI USING STANDARD BEARINGS AND WAI-DESIGNED CONVERSION PARTS.



Bearing Conversion Instructions

Step 1:

Press standard bearing into bearing cup. (The 46-82552 sleeve should be pressed into the end frame first, followed by the bearing.)

Step 2:

Press bearing on outer race only, with bearing cup into end frame. (Orientation is critical, see illustration.)

Step 3:

Spacer is installed between pulley and inner race of bearing.

to get this...



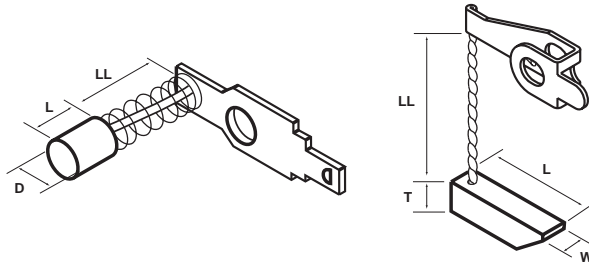
use this...



ID (mm)	OD (mm)	W (mm)	WAI Bearing (OEM size)	Location	WAI Bearing (Std. Size)	WAI Cup/Sleeve	WAI Spacer
15	35	13	10-2021-4	S.R.E.	6-202-4	—	46-89600
	46	14	10-3022-4	D.E.	6-302-4	46-82550	46-89602
	47	14	10-3031-4	D.E.	6-302-4	46-83551	46-89602
		18	10-1583-4	D.E.	6-302-4	46-83550	46-89603
	52	16	10-3041-4	D.E.	6-302-4	46-82553	46-89607
17	47	18	10-1594-4	D.E.	6-303-4	—	46-89601, 46-89605
	52	16	10-3042-4	D.E.	6-303-4	46-82551	46-89604

ALTERNATOR - BRUSHES (38-)

ALTERNATOR BRUSH DIMENSION CHART



To determine thickness vs width, thickness will always be the smaller dimension.

T / D (mm)	W (mm)	L (mm)	LL (mm)	Electrical System	WAI No.				
4	7.5	7	28	Ducellier	38-9400				
		12.5	12	39	Ford	38-207 38-207-3			
			15	15	Ford	38-205			
				36	Ford	38-206			
			38	Ford	38-204 38-204-3				
		15	31	Ford	38-215 38-215-3				
			18	29	Ford	38-213			
		62		Ford	38-216 38-216-1				
		18.5	31	Ford	38-212				
		4.5	4.5	12.5	20	Lucas	38-9200 38-9201		
						6.5	12.5	30	Ford
			14	46	Paris Rhone		38-9402		
49	Motorola			38-402					
51	Motorola / Valeo		38-401						
16	28		Ford	38-211					
8	22		36	Delco	38-119 38-119-3 38-120 38-120-3				
				Delco	38-105 38-105-3 38-118 38-118-3				
					6.5	12.5	25	Ford	38-202
						27	Ford	38-203	
29	Ford	38-201							
5	7	15	48	Nippondenso	38-8201				
			56	Hitachi	38-8104				
		67	Hitachi	38-8102					
		17.5	28	Hitachi	38-8103 38-8103-3				
			69	Hitachi	38-8105				
	8	12.5	17	Delco	38-104				
			18	Delco	38-103				
			25	Delco	38-102				
		14.5	40	Bosch	38-9103				
			41	Bosch	38-9102				
16		Nippondenso	38-8203						
16.5		19	Delco	38-106					

T / D (mm)	W (mm)	L (mm)	LL (mm)	Electrical System	WAI No.			
5	8	16.5	19	Delco	38-106-3			
				18	51	Bosch	38-9100 38-9100-3	
					69	Mitsubishi	38-8300 38-8300-3	
		18.5	22	Delco	38-110 38-110-1 38-110-2			
					62	Nippondenso	38-8200	
					19	Hitachi	38-8106	
		20.5	21	Delco	38-107			
		21.5	64	Nippondenso	38-8202			
		22	73	Ford	38-217-1 38-217-3			
					22	Delco	38-116 38-116-3	
		22.5	25	Delco		38-115 38-115-3 38-117 38-117-3		
					31	Delco	38-122 38-123 38-123-3	
						23	Mitsubishi	38-8307 38-8307-3
						23.5	Mitsubishi	38-8305 38-8305-3
					26	42	Hitachi	38-8107 38-8107-3 38-8108
		70	Hitachi	38-8109				
		28	72	Hitachi				38-8204
		10	17	36	Bosch	38-9101		
		5.4	8	47.9	-	Delco	38-121-2	
					91	Delco	38-121 38-121-3	
		5.5	6.5	14.5	29	Electroprecizia	38-9900	
				20	57	Mitsubishi	38-8304	
			7	17	52	Mitsubishi	38-8301	
				19.5	58	Mitsubishi	38-8302	
				23.5	43	Mitsubishi	38-8306	
			17	23	53	Lucas	81-92200	
			19	18.5	41	Lucas	81-92204	
			22	25	25	Bosch	81-91202	

ALTERNATOR - BRUSHES (38-)

T / D (mm)	W (mm)	L (mm)	LL (mm)	Electrical System	WAI No.			
6	-	9.5	17	Chrysler	38-300			
					38-301			
					38-302			
			19	Chrysler	38-303			
					38-304			
					38-305			
	6	12.5	20	Prestolite	38-604			
					13	25	Chrysler	38-309
		38-310						
		8	19	26	Prestolite	38-603		
38-603-3								
6.5	18.5	18	-	Delco Generator	81-1200			
					22	20	41	Delco Generator
	23.5	44	Delco Generator	81-1206				
				48				
	22.5	22.5	46		Prestolite Gen.	81-6204		
7	19	20.5	-	Ford Generator	81-2200			
7.5	-	9.5	18	Chrysler	38-307			
					38-308			
		12.5	41	Leece-Neville	38-504			
					44	Leece-Neville	38-501-1	
		22	46	Leece-Neville			38-500	
					38-500-3			
	16	17	41	Harley-Davidson	81-7200			
23.5	22	23	Ford Generator	81-2202				
25.5	22.5	25	Ford Generator	81-2201				
8	20.5	22	41	Delco Generator	81-1203			
					22	21	43	Delco Generator
	46.5	46	Delco Generator	81-1209				

ALTERNATOR - BRUSHES

BOSCH



38-9100
Brush
12 Volt

For: Bosch ER/EF, IR/EF Alternators w/ 28mm Dia. Slip Ring

Used On: (1998-71) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Fiat, Hyundai, Jaguar, Mercedes, Mercury, Merkur, Mitsubishi, Opel, Peugeot, Plymouth, Pontiac, Porsche, Saab, VW, Volvo, Yugo; Case IH, John Deere, Thermo King, Volvo White-GMC Truck

Replaces: Bosch 1-124-320-046, 1-124-320-047, 1-124-320-051, 1-124-320-062, 1-124-320-074; 1-127-014-017, 1-127-014-018, 1-127-014-019, 1-127-014-020, 1-127-014-022, 1-127-014-030 (set#)

Lester Nos: 13018, 023, 050, 055, 056, 094, 101, 107, 112, 113, 122, 129, 147, 150-154, 159, 186, 187, 191, 216, 218, 219, 225, 235, 242, 243, 244, 246, 247, 248, 260, 268, 269, 270, 281, 291, 300, 315, 360-375, 378, 379, 469, 528, 602, 603, 604, 607; 14000, 046, 057, 392, 395, 396, 410, 412, 418, 420, 421, 595, 603, 605, 765, 778, 779, 782, 783, 785, 787, 789, 791, 797, 799, 812, 813, 814, 818, 820, 821, 822, 824, 825, 876, 944, 956, 964, 965, 969, 970, 971, 972, 988, 997, 997

Dim: 5mm T x 8mm W x 18mm L x 51mm LL

Note: Insulated lead

Features:

- Premium Quality

38-9100-3
Brush
12 Volt

Same as 38-9100 except...

Features:

- Best Value



38-9101
Brush
12 Volt

For: Bosch ER/EF Alternators

Used On: (1980-70) Alfa Romeo, BMW, Mercedes, Opel, Porsche, Saab, VW, Volvo

Replaces: Bosch 1-124-320-013, 1-124-320-028, 1-124-320-029; 1-127-014-009 (set no.); Ref# B-131

Lester Nos: 13009, 13011, 13018, 13030, 13034, 13038, 13040, 13069, 13071, 13079, 13162

WAI Ref. Nos: 1-1263-01BO, 1-1274-01BO, 1-1280-01BO, 1-1288-01BO, 1-1303-01BO, 1-1349-01BO, 1-1365-01BO, 1-1555-01BO, 1-1558-01BO, 1-1562-01BO, 1-1575-01BO

Dim: 5mm T x 10mm W x 17mm L x 36mm LL



38-9102
Brush
12 Volt

For: Bosch, Iskra ER/EF, IR/EF Alternators w/ 32mm Dia. Slip Ring

Used On: (1989-67) Alfa Romeo, AMC, Audi, BMW, Fiat, Ford, Lancia, Mercedes, Mercury, Opel, Porsche, Saab, VW, Volvo; John Deere, SAME

Replaces: Bosch 1-124-320-024, 1-124-320-027, 1-124-320-040; 1-127-014-011 (set no.); Ref# B-132

Lester Nos: 13025, 033, 036, 039, 048, 050, 055, 056, 058, 061, 069, 071, 073, 079, 080, 093, 094, 101, 107, 108, 109, 112, 113, 116, 122, 129, 138, 147, 150, 151, 152, 153, 154, 159, 161; 14000, 046, 048, 049, 057, 070, 395, 539, 595, 605, 779, 781, 782, 791, 791

Dim: 5mm T x 8mm W x 14.5mm L x 41mm LL

Note: Similar to 38-9103 except 38-9103 has insulated lead



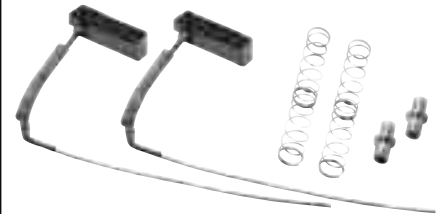
38-9103
Brush
12 Volt

For: Bosch ER/EF, IR/EF Alternators w/ 32mm Dia. Slip Ring

Replaces: Ref# B-132S

Dim: 5mm T x 8mm W x 14.5mm L x 40mm LL

Note: Similar to 38-9102 except 38-9102 has uninsulated lead



38-91800
Brush Kit

For: Bosch IR/IF Alternators

Used On: Alfa Romeo, Audi, BMW, Cadillac, Land Rover, Mercedes, Saab, VW, Volvo

Replaces: Bosch 1-127-014-028

Lester Nos: 13356, 357, 359, 376, 380, 381, 382, 417, 422, 441, 465, 471, 520, 526, 541, 542, 605, 606, 609, 610, 611, 613, 619, 621, 622, 623, 624, 626, 631, 632, 710, 729, 733, 736, 793, 797, 798, 800, 803, 808, 811, 812, 819, 832

Features:

- Premium Quality

38-91800-3
Brush Kit

Same as 38-91800 except...

Features:

- Best Value

ALTERNATOR - BRUSHES (38-)

CHRYSLER



38-300
Brush
12 Volt

For: Chrysler Early Round Back ER/IF Alternators
Replaces: Chrysler 2095039; Ref# C-1
Dim: 6mm D x 9.5mm L x 17mm LL
Note: Used w/ 38-301 brush



38-301
Brush
12 Volt

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 3438202; Ref# C-8
Dim: 6mm D x 9.5mm L x 17mm LL
Note: Used w/ 38-300 or 38-302 brushes



38-302
Brush
12 Volt

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 2875374, 2932755; Ref# C-1T
Dim: 6mm D x 9.5mm L x 17mm LL
Note: Used w/ 38-301 brush



38-303
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4091427; Ref# C-16
Dim: 6mm D x 9.5mm L x 19mm LL
Note: Used w/ 38-304 brush



38-304
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4091426, 4091445; Ref# C-15
Dim: 6mm D x 9.5mm L x 19mm LL
Note: Used w/ 38-303 brush



38-305
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 5206920, 5206926, 5206964; Ref# C-17
Dim: 6mm D x 9.5mm L x 19mm LL
Note: 8-32 threaded terminal. Used w/ 38-306 brush.



38-306
Brush
12 Volt

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 5206923, 5206965; Ref# C-18
Dim: 6mm D x 9.5mm L x 19mm LL
Note: 8-32 threaded terminal. Used w/ 38-305 brush.



38-307
Brush
12 Volt

For: Chrysler 100-114A ER/EF Alternators
Replaces: Chrysler 3755777; Ref# C-9
Dim: 7.5mm D x 9.5mm L x 18mm LL
Note: Used w/ 38-308 brush



38-308
Brush
12 Volt

For: Chrysler 100-114A ER/EF Alternators
Replaces: Chrysler 3755778; Ref# C-10
Dim: 7.5mm D x 9.5mm L x 18mm LL
Note: Used w/ 38-307 brush



38-309
Brush
12 Volt

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Ref# C-20
Dim: 6mm T x 6mm W x 13mm L x 25mm LL
Note: Used w/ 38-310 brush



38-310
Brush
12 Volt

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Ref# C-21
Dim: 6mm T x 6mm W x 13mm L x 25mm LL
Note: Used w/ 38-309 brush

DELCO



38-102
Brush
12 Volt

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1964685; Ref# R-99
Dim: 5mm T x 8mm W x 12.5mm L x 25mm LL
Note: Used w/ 38-103 brush



38-103
Brush
12 Volt

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1964688; Ref# R-100
Dim: 5mm T x 8mm W x 12.5mm L x 18mm LL
Note: Used w/ 38-102 brush



38-104
Brush
12 Volt

For: Delco 10SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1942360, 1971523; Ref# R-103
Dim: 5mm T x 8mm W x 12.5mm L x 17mm LL



38-105
Brush
12-24 Volt

For: Delco 10SI/Type 116, 136; 15SI/Type 116 Series IR/EF Alternators
Replaces: Delco 1894564; Ref# R-117
Dim: 5mm T x 6mm W x 22mm L x 37mm LL
Note: Similar to 38-118 except 38-118 has harder composition
Features:
• Premium Quality

38-105-3
Brush
12-24 Volt

Same as 38-105 except...
Note: Similar to 38-118-3 except 38-118-3 has harder composition
Features:
• Best Value



38-106
Brush
12 Volt

For: Delco 12SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1986583; Ref# R-130
Dim: 5mm T x 8mm W x 16.5mm L x 19mm LL
Features:
• Premium Quality

38-106-3
Brush
12 Volt

Same as 38-106 except...
Features:
• Best Value



38-107
Brush
12 Volt

For: Delco 15SI, 17SI Series IR/EF Alternators
Replaces: Ref# R-119
Dim: 5mm T x 8mm W x 20.5mm L x 21mm LL



38-110
Brush
12-24 Volt

For: Delco 27SI/Type 200 Series IR/EF Alternators
Replaces: Ref# R-106
Dim: 5mm T x 8mm W x 18.5mm L x 22mm LL

38-110-1
Brush
12-24 Volt

Same as 38-110 except...
Note: Same as 38-110 except 38-110-1 has higher copper content for agricultural applications



38-110-2
Brush
12-24 Volt

Same as 38-110 except...
Note: Same as 38-110 except 38-110-2 is designed to fit 10SI style brush holder for use in 27SI/type 200 applications



38-115
Brush
12 Volt

For: Delco CS121, CS130, CS144 Series IR/EF Alternators
Replaces: Ref# R-132
Dim: 5mm T x 8mm W x 22.5mm L x 25mm LL
Note: Used w/ 38-116 brush for CS121, CS130 series or used w/ 38-117 brush for CS144 series
Features:
• Premium Quality

38-115-3
Brush
12 Volt

Same as 38-115 except...
Features:
• Best Value



38-116
Brush
12 Volt

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Ref# R-133
Dim: 5mm T x 8mm W x 22.5mm L x 22mm LL
Note: Used w/ 38-115 brush
Features:
• Premium Quality

ALTERNATOR - BRUSHES (38-)

DELCO (cont'd.)

38-116-3 Brush 12 Volt

Same as 38-116 except...

Features:

- Best Value



38-117 Brush 12 Volt

For: Delco CS144 Series IR/EF Alternators

Replaces: Ref# R-131

Dim: 5mm T x 8mm W x 22.5mm L x 25mm LL

Note: Used w/ 38-115 brush

Features:

- Premium Quality

38-117-3 Brush 12 Volt

Same as 38-117 except...

Features:

- Best Value



38-118 Brush 12-24 Volt

For: Delco 19SI, 21SI Series IR/EF Alternators

Dim: 5mm T x 6mm W x 22mm L x 37mm LL

Note: Similar to 38-105 except 38-118 has a harder composition

Features:

- Premium Quality

38-118-3 Brush 12-24 Volt

Same as 38-118 except...

Note: Similar to 38-105-3 except 38-118-3 has a harder composition

Features:

- Best Value



38-119 Brush 12 Volt

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators

Dim: 4.5mm T x 8mm W x 22mm L x 36mm LL

Note: Used w/ 38-120 brush

Features:

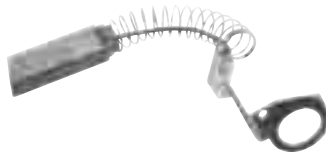
- Premium Quality

38-119-3 Brush 12 Volt

Same as 38-119 except...

Features:

- Best Value



38-120 Brush 12 Volt

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators

Dim: 4.5mm T x 8mm W x 22mm L x 36mm LL

Note: Used w/ 38-119 brush

Features:

- Premium Quality
- Terminal designed for both AD Series and CS130D applications

38-120-3 Brush 12 Volt

Same as 38-120 except...

Features:

- Best Value



38-121 Brush 12-24 Volt

For: Delco 22SI Series IR/EF Alternators

Dim: 5.4mm T x 8mm W x 47.9mm L x 91mm LL

Note: Used in 39-110-1 OE design brush holder assy. w/ roll-out tension brush spring

Features:

- Premium Quality
- Brushes w/ sharp edges to reduce vibration

38-121-3 Brush 12-24 Volt

Same as 38-121 except...

Features:

- Best Value



38-121-2 Brush 12-24 Volt

Same as 38-121 except...

Note: Used in 39-110 aftermarket design brush holder assy. w/ coil brush spring

Features:

- Premium Quality



38-122 Brush Ground

For: Delco CS121D Series IR/IF Alternators

Used On: (2002-97) Saturn

Unit Nos: Delco 21023969, 21024727, 21025094

Lester Nos: 8232

Dim: 5mm T x 8mm W x 22.5mm L x 31mm LL

Note: Used in 39-111 brush holder assy.



38-123
Brush
Field

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727, 21025094
Lester Nos: 8232
Dim: 5mm T x 8mm W x 22.5mm L x 31mm LL
Note: Used in 39-111 brush holder assy.

38-123-3
Brush
Field

Same as 38-123 except...

Features:

- Best Value

ELECTROPRECIZIA (ROMANIA)



38-9900
Brush
12 Volt

For: Electroprecizia 36A Alternators (Romanian)
Used On: Allis-Chalmers, Long Tractor
Unit Nos: Electroprecizia 1132
Dim: 5.5mm T x 6.5mm W x 14.5mm L x 29mm LL

FORD



38-201
Brush - Field or Ground
12 Volt

For: Ford 1G Series 45-65A ER/EF Alternators
Replaces: Ford C5AZ-10347-A, GB-102 (set#); Ref# F-39
Dim: 5mm T x 6.5mm W x 12.5mm L x 29mm LL



38-202
Brush - Field
12 Volt

For: Ford 1G Series 45-65A ER/EF Alternators
Replaces: Ford C6VY-10347-A, GB-111 (set#); Ref# F-42
Dim: 5mm T x 6.5mm W x 12.5mm L x 25mm LL
Note: Used w/ 38-203 brush



38-203
Brush - Ground
12 Volt

For: Ford 1G Series 45-65A ER/EF Alternators
Replaces: Ford C6VY-10347-A, GB-111 (set#); Ref# F-42
Dim: 5mm T x 6.5mm W x 12.5mm L x 27mm LL
Note: Used w/ 38-202 brush



38-204
Brush
12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ref# F-55
Dim: 4mm T x 7.5mm W x 12.5mm L x 38mm LL
Note: Repair brush used to replace 38-206 brush without removing epoxy
Features:

- Premium Quality

38-204-3
Brush
12 Volt

Same as 38-204 except...
Note: Repair brush used to replace 38-206 brush without removing epoxy
Features:

- Best Value



38-205
Brush
12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ref# F-56
Dim: 4mm T x 7.5mm W x 12.5mm L x 15mm LL
Note: Used w/ 38-206 brush



38-206
Brush
12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators
Replaces: Ref# F-57
Dim: 4mm T x 7.5mm W x 12.5mm L x 36mm LL
Note: Used w/ 38-205 brush.
 For repair brush wo/ male spade terminal use 38-204 brush.



38-207
Brush
12 Volt

For: Ford 2G Series IR/EF Alternators
Replaces: Ref# F-64
Dim: 4mm T x 7.5mm W x 12mm L x 39mm LL
Features:

- Premium Quality

38-207-3
Brush
12 Volt

Same as 38-207 except...
Features:

- Best Value

ALTERNATOR - BRUSHES (38-)

FORD (cont'd.)



38-210
Brush
12 Volt

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Replaces: Ford D0AZ-10347-B, GB-120-A (set#); Ref# F-46

Dim: 4.5mm T x 6.5mm W x 12.5mm L x 30mm LL

Note: Used in 39-204 brush holder assy.



38-211
Brush
12 Volt

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Replaces: Ford D4HZ-10347-B, GB-304 (set#); Ref# F-60

Dim: 4.5mm T x 6.5mm W x 16mm L x 28mm LL

Note: Used in 39-203 brush holder assy.



38-212
Brush
12 Volt

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford E6HZ-10347-A, GB-310-A (set#); Ref# F-63

Dim: 4mm T x 7.5mm W x 18.5mm L x 31mm LL

Note: Used in 39-205 brush holder assy.



38-213
Brush
12 Volt

For: Ford 3G Series IR/IF Alternators

Replaces: Ref# F-68

Dim: 4mm T x 7.5mm W x 18mm L x 29mm LL

Note: Used in 1st production brush holder assy. wo/ epoxied leads



38-215
Brush
12 Volt

For: Ford 4G Series IR/IF Alternators

Dim: 4mm T x 7.5mm W x 15mm L x 31mm LL

Features:

- Premium Quality

38-215-3
Brush
12 Volt

Same as 38-215 except...

Features:

- Best Value



38-216
Brush
12 Volt

For: Ford 3G Series IR/IF Alternators

Dim: 4mm T x 7.5mm W x 18mm L x 62mm LL

Note: Used in 2nd design brush holder assy. w/ epoxied leads

Features:

- Premium Quality

38-216-1
Brush
12 Volt

Same as 38-216 except...

Features:

- Best Value



38-217-1
Brush

For: Ford 6G Series IR/IF Alternators

Dim: 5mm T x 8mm W x 22mm L x 73mm LL

Note: Used w/ 39-2702 brush spring. 38-217-1 has 2-chamfered sides which will fit all 6G regulators, including Ford XW4U-10C359-AB white regulator w/ black cover (WAI 35-213, F601).

Features:

- Premium Quality

38-217-3
Brush

Same as 38-217-1 except...

Features:

- Best Value

HITACHI



38-8102
Brush
12 Volt

For: Hitachi ER/EF, IR/EF Alternators

Used On: (1986-78) Nissan, Subaru; Allis-Chalmers, Massey Ferguson, Yanmar

Replaces: Ref# FA-85

Lester Nos: 12129, 14185, 14231, 14255, 14300, 14301, 14303, 14535, 14585, 14587, 14588, 14592, 14647, 14665, 14721, 14722, 14746, 14747, 14751

WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1109-01HI, 1-1112-01HI, 1-1131-01HI, 1-1251-01HI, 1-1253-01HI, 1-1567-01HI, 1-1569-01HI, 1-2312-01HI, 1-2313-01HI, 1-2314-01HI, 1-2332-01HI

Dim: 5mm T x 7mm W x 15.5mm L x 67mm LL



38-8103
Brush
12 Volt

For: Hitachi ER/EF, IR/EF, IR/IF Alternators

Used On: (1994-70) Infiniti, Nissan, Subaru; Nissan Lift Truck

Lester Nos: 13262, 13324, 14105, 14118, 14119, 14209, 14214, 14230, 14651, 14652, 14661, 14665, 14721, 14742, 14744, 14745, 14751, 14752

WAI Ref. Nos: 1-1094-01HI, 1-1103-01HI, 1-1107-01HI, 1-1111-01HI, 1-1122-01HI, 1-1124-01HI, 1-1131-01HI, 1-1477-01HI, 1-1533-01HI, 1-1566-01HI, 1-1593-01HI, 1-1593-02HI, 1-2099-01HI, 1-2165-01HI

Dim: 5mm T x 7mm W x 17.5mm L x 28mm LL

Features:

- Premium Quality

38-8103-3

**Brush
12 Volt**

Same as 38-8103 except...

Features:

- Best Value



38-8104

**Brush
12 Volt**

For: Hitachi IR/IF Alternators

Used On: (1989-84) Isuzu, Nissan

Unit Nos: Hitachi LR145-701, LR150-703; LR170-701B, E; LR170-702B

Lester Nos: 14655, 14717, 14859

WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI, 1-1249-01HI

Dim: 5mm T x 7mm W x 15.5mm L x 56mm LL



38-8105

**Brush
12 Volt**

For: Hitachi ER/EF, IR/EF Alternators w/ Vacuum Pump

Used On: (1987-81) Chevrolet, Hino, Isuzu, Isuzu Truck, Nissan, Pontiac (Diesel)

Lester Nos: 14586, 14613, 14615, 14645, 14648, 14649, 14653, 14654, 14663, 14730, 14731, 14735, 14753, 14858, 14874, 14952

WAI Ref. Nos: 1-1113-01HI, 1-1116-01HI, 1-1121-01HI, 1-1129-01HI, 1-1130-01HI, 1-1236-01HI, 1-1247-01HI, 1-1426-01HI, 1-1516-01HI, 1-1570-01HI, 1-1571-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI

Dim: 5mm T x 7mm W x 21.5mm L x 69mm LL



38-8106

**Brush
12 Volt**

For: Hitachi IR/IF Alternators

Used On: (1996-85) Honda, Isuzu, Nissan, Subaru, Yanmar

Lester Nos: 13250, 13273, 13327, 14241, 14242, 14719, 14743, 14859, 14860, 14960, 14979

(cont'd.)

(cont'd.)

WAI Ref. Nos: 1-1098-01HI,

1-1102-01HI, 1-1120-01HI,

1-1125-01HI, 1-1126-01HI,

1-1126-02HI, 1-1128-01HI,

1-1232-01HI, 1-1233-01HI,

1-1258-01HI, 1-1870-01HI,

1-1880-01HI, 1-2166-01HI, 1-2315-01HI

Dim: 5mm T x 8mm W x 19mm L x 41mm LL

Note: 13mm from back of brush to center of hole



38-8107

**Brush
12 Volt**

For: Hitachi IR/IF Alternators

Used On: (1996-87) Honda, Infiniti, Isuzu, Nissan, Subaru

Lester Nos: 13273, 13275, 13285, 13287, 13329, 13333, 13334, 13474, 13531, 13533, 13534, 13535, 13564, 14859, 14960

WAI Ref. Nos: 1-1118-01HI,

1-1119-01HI, 1-1120-01HI,

1-1257-01HI, 1-1423-01HI,

1-1425-01HI, 1-1427-01HI,

1-1429-01HI, 1-1877-01HI,

1-1878-01HI, 1-1879-01HI,

1-1880-01HI, 1-1953-01HI,

1-1954-01HI, 1-2448-01HI

Dim: 5mm T x 8mm W x 26mm L x 42mm LL

Note: 16mm from back of brush to center of hole.

38-8107, 38-8108 and 38-8109 are similar except for the location of the brush pin hole.

38-8107: 16mm from back of brush to center of hole

38-8108: 19mm from back of brush to center of hole

38-8109: 22mm from back of brush to center of hole

Features:

- Premium Quality

38-8107-3

**Brush
12 Volt**

Same as 38-8107 except...

Features:

- Best Value



38-8108

**Brush
12 Volt**

For: Hitachi IR/IF Alternators

Used On: (1996-90) Infiniti, Nissan

Unit Nos: Hitachi LR1100-702; LR1110-701, B; LR1110-702, LR195-701

Lester Nos: 13261, 13477

WAI Ref. Nos: 1-1478-01HI, 1-1583-01HI

Dim: 5mm T x 8mm W x 26mm L x 42mm LL

Note: 19mm from back of brush to center of hole.

38-8107, 38-8108 and 38-8109 are similar except for the location of the brush pin hole.

38-8107: 16mm from back of brush to center of hole

38-8108: 19mm from back of brush to center of hole

38-8109: 22mm from back of brush to center of hole



38-8109

**Brush
12 Volt**

For: Hitachi ED/IF, IR/EF, IR/IF Alternators

Used On: (2000-95) Honda, Infiniti, Isuzu, Mazda, Nissan, Subaru

Unit Nos: Hitachi LR160-725C, -727, -730C, -731; LR170-745, -745B, -748, -748B, -755, -758; LR180-509, -741H, -742, -744, -751; LR185-701, -702; LR190-724, -729, -729C; LR1100-704B, -709; LR1110-705, -705B, -707E; LR1125-702, -702B

Lester Nos: 12335; 13612, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 724, 728, 744, 745, 757

Dim: 5mm T x 8mm W x 26mm L x 70mm LL

Note: 22mm from back of brush to center of hole.

38-8107, 38-8108 and 38-8109 are similar except for the location of the brush pin hole.

38-8107: 16mm from back of brush to center of hole

38-8108: 19mm from back of brush to center of hole

38-8109: 22mm from back of brush to center of hole

ALTERNATOR - BRUSHES (38-)

HITACHI (cont'd.)



38-8204
Brush
12 Volt

For: Hitachi IR/EF; Nippondenso IR/EF Alternators w/ Vacuum Pump

Used On: (1989-84) Nissan, Toyota (Diesel)

Unit Nos: Hitachi LR150-94B; LR150-194B; LR150-197, B; LR160-140B, LR160-151, LR170-22, LR225-86B;

Nippondenso 021000-168, -940; 100210-262, -297; 100213-008, -013, -020, -022, -023, -025, -026, -027, -029, -030, -033, -037, -061, -072;

121000-029, -064, -072, -073, -094, -097, -112, -116, -129, -139, -227, -236

Lester Nos: 14463, 14659, 14660, 14664, 14666, 14667, 14676, 14681, 14749

WAI Ref. Nos: 1-1027-01ND, 1-1072-01ND, 1-1074-01ND, 1-1114-01HI, 1-1115-01HI, 1-1117-01HI, 1-1134-01HI, 1-1941-01ND

Dim: 5mm T x 8mm W x 28mm L x 72mm LL



38-501-1
Brush
12-24 Volt

For: Leece-Neve 4400A Series Alternators

Replaces: Leece-Neve 71128; Ref# L-79C

Dim: 7.5mm D x 12.5mm L x 44mm LL



38-504
Brush
12-32 Volt

For: Leece-Neve 3425-3725J, 4400-4700A, 4425-4750J, 7500-7700A & JA Series Alternators

Replaces: Leece-Neve 97893; Ref# L-83

Dim: 7.5mm D x 12.5mm L x 41mm LL



38-9201
Brush
12 Volt

For: Lucas 15, 16, 17, 18, 20, 23, 25ACR Series IR/EF Alternators

Used On: (1985-69) Austin, Jaguar, Lotus, Mercury, MG, Triumph; Massey Ferguson

Replaces: Lucas 54219368, 60600368, ULB103, ULB110 (set#); Ref# FA-87

Lester Nos: 13146, 13163, 13164, 14008, 14014, 14022, 14023, 14024, 14029, 14030, 14031, 14037, 14050, 14054, 14055, 14056, 14085, 14087, 14088

Dim: 4.5mm T x 4.5mm W x 12.5mm L x 20mm LL

Note: Used w/ 38-9200 brush

Features:

- Best Value

MANDO



38-8300
Brush
12 Volt

For: Mando IR/IF; Mitsubishi IR/IF Alternators

Used On: (1996-84) Dodge, Eagle, Ford, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru; Toro

Lester Nos: 12231, 303, 481; 13182, 183, 196, 197, 238, 249, 257, 259, 263, 271, 272, 289, 290, 292, 318, 332, 352, 701; 14243, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 445, 447, 479, 655, 656, 657, 660, 693, 694, 697, 699, 700, 706, 708, 709, 718, 720, 723, 724, 725, 876, 902, 903, 905, 906, 908, 910, 916, 917, 943, 950, 967

Dim: 5mm T x 8mm W x 18mm L x 69mm LL

38-8300-3
Brush
12 Volt

Same as 38-8300 except...

Features:

- Best Value

LEECE-NEVILLE



38-500
Brush
12-32 Volt

For: Leece-Neve 2300-2800JB Series Alternators

Replaces: Leece-Neve 77650; Ref# L-84

Dim: 7.5mm D x 22mm L x 46mm LL

Features:

- Premium Quality
- OE composition for maximum wear
- OE-design wire lead with rugged termination

38-500-3
Brush
12-32 Volt

Same as 38-500 except...

Features:

- Best Value

LUCAS



38-9200
Brush
12 Volt

For: Lucas 15, 16, 17, 18, 20, 23, 25ACR Series IR/EF Alternators

Used On: (1985-69) Austin, Jaguar, Lotus, Mercury, MG, Triumph; Massey Ferguson

Replaces: Lucas 54219368, 60600368, ULB103, ULB110 (set#); Ref# F-49

Lester Nos: 13146, 13163, 13164, 14014, 14022, 14023, 14024, 14029, 14030, 14031, 14037, 14050, 14054, 14055, 14056, 14085, 14087, 14088

Dim: 4.5mm T x 4.5mm W x 12.5mm L x 20mm LL

Note: Used w/ 38-9201 brush

MITSUBISHI



38-8300
Brush
12 Volt

For: Mando IR/IF; Mitsubishi IR/IF Alternators

Used On: (1996-84) Dodge, Eagle, Ford, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru; Toro

Lester Nos: 12231, 303, 481; 13182, 183, 196, 197, 238, 249, 257, 259, 263, 271, 272, 289, 290, 292, 318, 332, 352, 701; 14243, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 445, 447, 479, 655, 656, 657, 660, 693, 694, 697, 699, 700, 706, 708, 709, 718, 720, 723, 724, 725, 876, 902, 903, 905, 906, 908, 910, 916, 917, 943, 950, 967
Dim: 5mm T x 8mm W x 18mm L x 69mm LL

38-8300-3
Brush
12 Volt

Same as 38-8300 except...

Features:
• Best Value

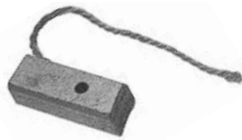


38-8301
Brush
12 Volt

For: Mitsubishi ER/EF Alternators
Used On: (1981-72) Ford, Mazda
Replaces: Ref# FA-66

Unit Nos: Mitsubishi A1T21377, A1T30474, AG2030T, AG2035T, AG2036T, AH2035H7, AH2040H4

Lester Nos: 14194, 14196
WAI Ref. Nos: 1-1147-01MI, 1-1148-01MI
Dim: 5.5mm T x 7mm W x 17mm L x 52mm LL



38-8302
Brush
12 Volt

For: Mitsubishi ER/EF Alternators
Used On: (1981-71) Dodge, Ford, Mazda, Plymouth; Nissan Lift Truck
Replaces: Ref# FA-102

Lester Nos: 14194, 14196, 14199, 14207, 14213, 14234, 14237

WAI Ref. Nos: 1-1111-01MI, 1-1147-01MI, 1-1148-01MI, 1-1158-01MI, 1-1480-01MI, 1-1481-01MI, 1-1482-01MI
Dim: 5.5mm T x 7mm W x 19.5mm L x 58mm LL



38-8304
Brush
12 Volt

For: Mitsubishi ER/EF, IR/EF Alternators
Used On: (1991-78) Chrysler, Dodge, Ford, Mazda, Mitsubishi, Nissan, Peugeot, Plymouth; Toro

Lester Nos: 13249, 13254, 13429, 14213, 14231, 14267, 14268, 14307, 14533, 14550, 14557, 14571, 14596, 14597, 14598, 14600, 14646, 14650, 14690, 14692, 14696, 14698, 14701, 14702, 14703, 14704, 14982
Dim: 5.5mm T x 6.5mm W x 20mm L x 57mm LL



38-8305
Brush
12 Volt

For: Mitsubishi IR/IF Alternators
Used On: (1998-84) Chevrolet, Dodge, Ford, Geo, Honda, Infiniti, Mazda, Mercury, Mitsubishi, Nissan, Subaru, Suzuki

Lester Nos: 13188, 13189, 13190, 13211, 13212, 13213, 13227, 13230, 13231, 13237, 13251, 13253, 13265, 13266, 13282, 13286, 13293, 13295, 13297, 13298, 13299, 13303, 13314, 13337, 13350, 13351, 13406, 13416, 13432, 13435, 13480, 13549, 13608
Dim: 5mm T x 8mm W x 23.5mm L x 69mm LL

Features:
• Premium Quality

38-8305-3
Brush
12 Volt

Same as 38-8305 except...

Features:
• Best Value



38-8306
Brush
12 Volt

For: Mitsubishi IR/EF Alternators
Used On: (1984-82) Mazda; Industrial Applications

Unit Nos: Mitsubishi A1T23479, A1T23579, A1T32779, A2T24884, A2T25479, A2T32386, A2T32583, A2T70772, A2T70774, A2T71183, A2T71683, A2T72186, A2T72483, A2T72986, A2T72987, A2T72999, A2T73387, A3T35172, A4T57986, A4T57987

Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI
Dim: 5.5mm T x 7mm W x 23.5mm L x 43mm LL



38-8307
Brush
12 Volt

For: Mitsubishi IR/IF Alternators
Used On: (2005-90) Chevrolet, Chrysler, Dodge, Eagle, Ford, Geo, Honda, Infiniti, Kia, Lincoln, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru, Suzuki; Yale
Lester Nos: 13227, 336, 350, 415, 430, 432, 439, 445, 446, 447, 448, 450, 451, 460, 473, 478, 511, 523, 559, 575, 577, 580, 584, 585, 586, 587, 596, 597, 598, 614, 615, 616, 650, 692, 698, 700, 716, 718, 735, 750, 751, 752, 764, 780, 786, 787

Dim: 5mm T x 8mm W x 23mm L x 30mm LL

Features:
• Premium Quality

38-8307-3
Brush
12 Volt

Same as 38-8307 except...

Features:
• Best Value

ALTERNATOR - BRUSHES (38-)

MOTOROLA



38-402
Brush
12 Volt

For: Motorola / Prestolite Alternators
Replaces: Ref# M-7
Dim: 4.5mm T x 6.5mm W x 14mm L x 49mm LL
Note: Same as 38-401 except 38-402 has higher copper content

NIPPONDENSO



38-8200
Brush
12 Volt

For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1992-72) Dodge, Honda, Isuzu, Opel, Plymouth, Toyota; Caterpillar, Daihatsu, Hino, John Deere, Kubota, Mitsui-Deutz
Replaces: Ref# FA-57
Lester Nos: 12001; 13140, 168, 169; 14129, 130, 131, 152, 153, 155, 158, 163, 181, 184, 232, 268, 269, 273, 274, 275, 336, 337, 338, 339, 341, 342, 343, 345, 347, 366, 373, 385, 450, 461, 540, 552, 573, 574, 576, 630, 644, 672, 673, 677, 734, 850, 936
Dim: 5mm T x 8mm W x 18.5mm L x 62mm LL



38-8201
Brush
12 Volt

For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2005-83) Acura, Chevrolet, Chrysler, Daihatsu, Dodge, Eagle, Geo, Honda, Isuzu, Jaguar, Jeep, Lexus, Mazda, Plymouth, Sterling, Suzuki, Toyota, Volvo; Toyota Lift Truck (cont'd.)

(cont'd.)
Lester Nos: 13184, 185, 214, 220, 229, 234, 239, 240, 241, 245, 252, 255, 256, 276, 277, 278, 280, 294, 301, 302, 304-313, 316, 319, 321, 322, 323, 325, 326, 331, 338, 339, 341, 353, 354, 383-398, 407-411, 413, 414, 419, 423, 424, 433, 440, 442, 443, 444, 453-457, 481, 482, 485, 486, 487, 489, 492, 495, 496, 497-502, 506-509, 512, 519, 521, 522, 524, 525, 529, 536-540, 545-548, 551, 552, 553, 556, 557, 558, 562, 569, 578, 592, 593, 594, 659, 668-671, 673, 674, 675, 677, 679, 680, 684, 685, 687, 688, 690, 706, 711, 715, 722, 732, 737, 738, 740-743, 747, 748, 754, 755, 756, 763, 765-769, 776, 790, 794, 806, 822, 823, 824, 842, 844, 858; 14449, 453, 454, 455, 457, 458, 460, 472, 591, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 684, 732, 733, 739, 755, 756, 757, 759, 843, 847, 849, 851-855, 857, 869, 870, 872, 930, 931, 935, 937, 939, 940, 941, 974, 989

Dim: 5mm T x 7mm W x 15mm L x 48mm LL



38-8202
Brush
12 Volt

For: Nippondenso IR/EF Alternators
Used On: (1980-78) Toyota; Caterpillar, John Deere
Unit Nos: Nippondenso 021000-656, 021000-658, 021000-659, 021000-675, 021000-741, 021000-781, 021000-787, 021000-788, 021000-790, 021000-846, 021000-875, 100211-007, 100211-008, 100211-0081, 100211-010, 100211-013, 100211-015, 100211-019, 100211-025, 100211-028, 100211-029, 100211-031, 100211-033, 100211-580
Lester Nos: 13143, 14275, 14375, 14573
WAI Ref. Nos: 1-1034-01ND, 1-1046-01ND, 1-1060-01ND, 1-2236-10ND
Dim: 5mm T x 8mm W x 21.5mm L x 64mm LL



38-8203
Brush
12 Volt

For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1987-75) Honda, Toyota
Unit Nos: Nippondenso 021000-565, 021000-615, 021000-755, 021000-756, 021000-820, 021000-871, 021000-872, 021000-912, 021000-913, 021000-914, 021000-977, 021000-982, 021000-983, 121000-032
Lester Nos: 13171, 14131, 14155, 14158, 14273, 14540, 14593, 14617, 14734, 14761
WAI Ref. Nos: 1-1005-01ND, 1-1006-01ND, 1-1021-01ND, 1-1032-01ND, 1-1047-02ND, 1-1056-01ND
Dim: 5mm T x 8mm W x 16mm L x 61mm LL
Note: 1-piece design



38-8204
Brush
12 Volt

For: Hitachi IR/EF; Nippondenso IR/EF Alternators w/ Vacuum Pump
Used On: (1989-84) Nissan, Toyota (Diesel)
Unit Nos: Hitachi LR150-94B; LR150-194B; LR150-197, B; LR160-140B, LR160-151, LR170-22, LR225-86B; Nippondenso 021000-168, -940; 100210-262, -297; 100213-008, -013, -020, -022, -023, -025, -026, -027, -029, -030, -033, -037, -061, -072; 121000-029, -064, -072, -073, -094, -097, -112, -116, -129, -139, -227, -236
Lester Nos: 14463, 14659, 14660, 14664, 14666, 14667, 14676, 14681, 14749
WAI Ref. Nos: 1-1027-01ND, 1-1072-01ND, 1-1074-01ND, 1-1114-01HI, 1-1115-01HI, 1-1117-01HI, 1-1134-01HI, 1-1941-01ND
Dim: 5mm T x 8mm W x 28mm L x 72mm LL

PRESTOLITE



38-603
Brush
24 Volt

For: Prestolite ANB Series Alternators

Replaces: Prestolite 11-70,

AMA-1012S (set#); Ref# E-119

Dim: 6mm T x 8mm W x 19mm L x 26mm LL

Features:

- Premium Quality

38-603-3
Brush
24 Volt

Same as 38-603 except...

Features:

- Best Value



38-604
Brush
12 Volt

For: Prestolite ALE, ALH, ALK, ANA, ANC, ANE, ANK Series Alternators

Replaces: Prestolite ALE-1013C; 11-73, ALE-1013S (set#); Ref# E-105

Dim: 6mm T x 6mm W x 12.5mm L x 20mm LL

VALEO



38-401
Brush
12-24 Volt

For: Motorola / Valeo, SEV / Valeo Alternators

Replaces: Ref# M-3

Dim: 4.5mm T x 6.5mm W x 14mm L x 51mm LL



38-9400
Brush
12 Volt

For: Ducellier / Valeo IR/EF Alternators

Used On: (1987-80) DeLorean, Renault

Unit Nos: Ducellier / Valeo 516006,

516008, 516009, 516020, 516025,

516029, 516030, 516034, 516042,

516045, 516047, 516048, 516049

Lester Nos: 14323, 14324, 14327,

14329, 14330, 14582, 14959, 14984

WAI Ref. Nos: 1-1307-01DU,

1-1309-01DU, 1-1310-01DU,

1-1311-01DU, 1-1313-01DU,

1-1314-01DU, 1-1385-01DU

Dim: 4mm T x 7mm W x 14mm L x

28mm LL



38-9402
Brush
12 Volt

For: Paris Rhone / Valeo ER/EF, IR/EF Alternators

Used On: (2005-77) Chevrolet, Eagle,

Jeep, Oldsmobile, Peugeot, Pontiac,

Porsche, Renault, Volvo; Volvo Penta

Lester Nos: 13224, 13720, 13721,

14039, 14040, 14329, 14331, 14420,

14565, 14566, 14567, 14582, 14594,

14602, 14875, 14892, 14894, 14895,

14899, 14900, 14922, 14953, 14954,

14955, 14957, 14959, 14961, 14963,

14978

WAI Ref. Nos: 1-1294-01PR,

1-1305-01PR, 1-1306-01PR,

1-1307-01PR, 1-1308-01PR,

1-1309-01PR, 1-1310-01PR,

1-1311-01PR, 1-1314-01PR,

1-1331-01PR, 1-1332-01PR,

1-1333-01PR, 1-1334-01PR,

1-1336-01PR, 1-1361-01PR,

1-1362-01PR, 1-1387-01VA,

1-1512-01PR, 1-1579-01PR,

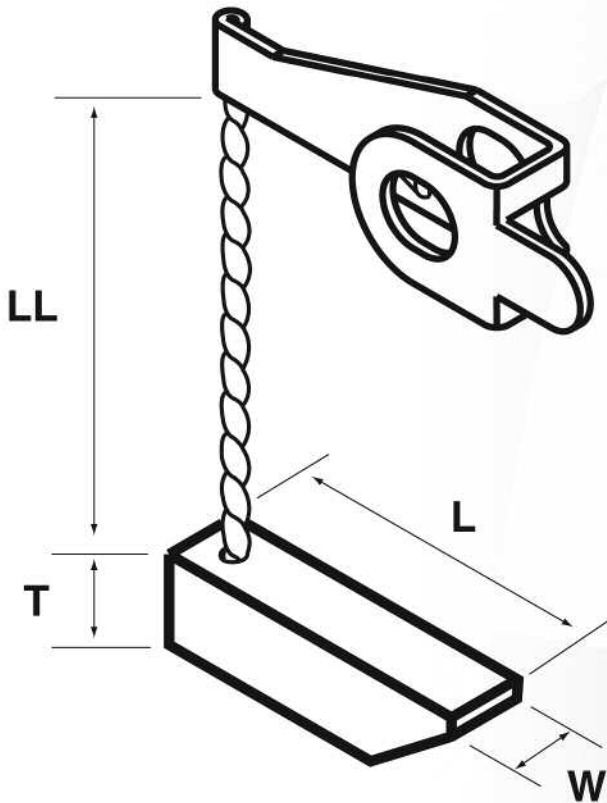
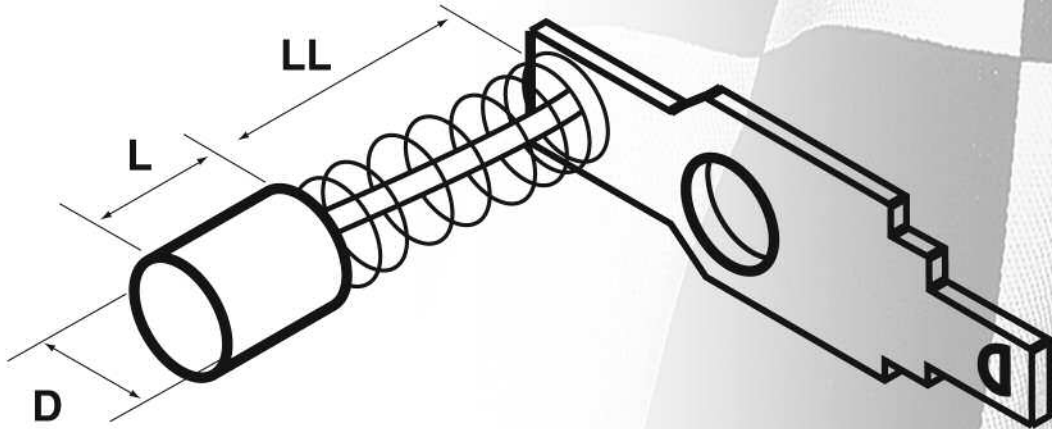
1-1602-01PR, 1-2079-11VA,

1-2151-01VA

Dim: 4.5mm T x 6.5mm W x 14mm L x

46mm LL

BRUSHES



WAI offers a comprehensive line of brushes and brush holder assemblies, often with choices for either Premium or Best Value.

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Bosch



39-9100

Brush Holder Assy.

For: Bosch ER/EF Alternators
Used On: (1978-70) Audi, BMW, Fiat, Mercury, Opel, Saab, Volvo; John Deere
Replaces: Bosch 1-194-336-010
Lester Nos: 13033, 13036, 13039, 13050, 13058, 13061, 13069, 13071, 13073, 13079, 13138, 14057, 14538, 14539, 14554
WAI Ref. Nos: 1-1274-01BO, 1-1280-01BO, 1-1289-01BO, 1-1304-01BO, 1-1329-01BO, 1-1337-01BO, 1-1349-01BO, 1-1547-01BO, 1-1557-01BO, 1-1561-01BO, 1-1568-00BO, 1-1568-01BO, 1-1568-02BO, 1-1572-01BO, 1-1573-00BO
Components:
 38-9102 Brush



39-9102

Brush Holder Assy.

For: Bosch 90-100A ER/EF Alternators
Used On: (1989-85) Chrysler, Dodge, Plymouth
Replaces: Bosch 1-194-336-038
Unit Nos: Bosch 0-120-450-011, 0-120-450-012, 0-120-450-013, 0-120-450-014, 0-120-450-016, 0-120-450-017
Lester Nos: 14789
WAI Ref. Nos: 1-1489-01BO
Components:
 38-9100 Brush

39-9102-3

Brush Holder Assy.

Same as 39-9102 except...
Features:
 • Best Value

Chrysler



39-300

Brush Holder Assy.

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226942
Unit Nos: Chrysler 5227100, 5227267
Dim: 4mm Mtg. Holes
Note: Used on S.R.E. frames w/ o-ring
Components:
 38-309 Brush
 38-310 Brush
 39-3204 Brush Holder
 46-3154 Terminal Post
 85-2200 Hex Nut



39-301

Brush Holder Assy.

For: Chrysler 40/90A ER/EF Alternators
Replaces: Chrysler 5226084
Unit Nos: Chrysler 5226200
Dim: 5mm Mtg. Holes
Note: Used on S.R.E. frames w/ o-ring
Components:
 38-309 Brush
 38-310 Brush
 39-3205 Brush Holder
 46-3154 Terminal Post
 85-2200 Hex Nut



39-302

Brush Holder Assy.

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 4433160
Unit Nos: Chrysler 4428082, 5233160, 5233199, 5233472, 5233474, 5233508
Dim: 4mm Mtg. Holes
Note: Used on S.R.E. frames w/ tolerance ring
Components:
 38-309 Brush
 38-310 Brush
 39-3206 Brush Holder
 46-3154 Terminal Post
 85-2200 Hex Nut

Delco



39-100

Brush Holder Assy.

For: Delco 10DN Series ER/EF Alternators
Replaces: Delco 1964682, D722
Components:
 38-102 Brush
 38-103 Brush
 39-1206 Brush Holder
 39-1501 Pin
 39-1504 Terminal
 39-1700 Spring

39-100-3

Brush Holder Assy.

Same as 39-100 except...
Features:
 • Best Value

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Delco (cont'd.)



39-101

Brush Holder Assy.

For: Delco 10SI, 12SI, 27SI/Type 100 Series IR/EF Alternators

Replaces: Delco 1876876, 1984462, D766

Components:

38-106 Brush
39-1200 Brush Holder
39-1500 Clip
39-1501 Pin
39-1700 Spring

Features:

- Premium Quality

39-101-3

Brush Holder Assy.

Same as 39-101 except...

Features:

- Best Value



39-102

Brush Holder Assy.

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators

Replaces: Delco 1894559

Components:

38-105 Brush
39-1201 Brush Holder
39-1205 Brush Arm
39-1501 Pin
39-1503 Spacer
39-1702 Spring
46-1166 Relay Terminal
84-1206 Screw

Features:

- Premium Quality

39-102-3

Brush Holder Assy.

Same as 39-102 except...

Features:

- Best Value



39-103

Brush Holder Assy.

For: Delco 15SI, 17SI Series IR/EF Alternators

Replaces: Delco 1988986, 1989719, D770, D776

Components:

38-107 Brush
39-1202 Brush Holder
39-1500 Clip
39-1501 Pin
39-1701 Spring



39-104-3

Brush Holder Assy.

For: Delco 15SI/Type 116, 19SI, 21SI* Series IR/EF Alternators

Replaces: Delco 1979724, 10467934, D785

Lester Nos: 7564, 65; 7641, 42, 44, 59, 60, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 79, , 81, 83, 85, 86; 7853; 7971, ; 8003, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40

Note: *21SI Series does not use 46-1176 relay terminal

Components:

38-118-3 Brush
39-1205 Brush Arm
39-1208-3 Brush Holder
39-1501 Pin
39-1503 Spacer
39-1702 Spring
46-1176 Relay Terminal*
84-1233 Screw
(cont'd.)

(cont'd.)

Features:

- Best Value
- Deep-cavity brush arms



39-105

Brush Holder Assy.

For: Delco 27SI/Type 200 Series IR/EF Alternators

Replaces: Delco 1876873, D766

Components:

38-110-2 Brush
39-1200 Brush Holder
39-1500 Clip
39-1501 Pin
39-1700 Spring



39-106

Brush Holder Assy.

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 10472881, 10490180, D789

Components:

38-115 Brush
38-116 Brush
39-1203 Brush Holder
39-1501 Pin
39-1701 Spring



39-107

Brush Holder Assy.

For: Delco CS144 Series IR/EF Alternators

Replaces: Delco 1989702, D775

Note: Early-type brush holder w/ 2-round mtg. sockets
(cont'd.)

ALTERNATOR - BRUSH HOLDERS (39-)

(cont'd.)

Components:

- 38-115 Brush
- 38-117 Brush
- 39-1204 Brush Holder
- 39-1501 Pin
- 39-1701 Spring



39-108

Brush Holder Assy.

For: Delco CS144 Series IR/EF Alternators

Replaces: Delco 1989702, D775

Note: Late-type brush holder w/ flat mtg. surface for S.R.E. frames w/ U-shaped mtg. support

Components:

- 38-115 Brush
- 38-117 Brush
- 39-1207 Brush Holder
- 39-1501 Pin
- 39-1701 Spring

39-108-3

Brush Holder Assy.

Same as 39-108 except...

Features:

- Best Value



39-109

Brush Holder Assy.

For: Delco CS130D Series IR/IF Alternators

Components:

- 38-119 Brush
- 38-120 Brush
- 39-1209 Brush Holder
- 39-1505 Cap
- 89-914 Brush Retainer

Features:

- Premium Quality
- Mfd. by WAI

39-109-2

Brush Holder Assy.

Same as 39-109 except...

Features:

- Best Value



39-110

Brush Holder Assy.

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10492749

Note: Aftermarket design w/ coil brush spring

Components:

- 38-121-2 Brush
- 39-1703-2 Brush Spring

Features:

- Premium Quality
- Improved design
- Stronger coil brush spring
- Improved brush material for longer life
- Easy installation on 21SI applications, no drilling required



39-110-2

Brush Holder Assy.

Same as 39-110 except...

Note: OE design w/ roll-out tension brush spring

Features:

- Best Value



39-111

Brush Holder Assy.

For: Delco CS121D Series IR/IF Alternators

Used On: (2002-97) Saturn

Unit Nos: Delco 21023969, 21024727, 21025094

Lester Nos: 8232

Components:

- 38-122 Brush
- 38-123 Brush
- 39-1211 Brush Holder

Features:

- Premium Quality

39-111-3

Brush Holder Assy.

Same as 39-111 except...

Features:

- Best Value



39-112

Brush Holder Assy.

For: Delco AD230, AD237, AD244 Series IR/IF Alternators

Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290, 8291

Components:

- 39-1212 Brush Holder
- 38-119 Brush
- 38-120 Brush
- 39-1505 Cap
- 89-914 Brush Retainer

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Ford



39-200

Brush Holder Assy.

For: Ford 1G Series 40-65A ER/EF Alternators

Replaces: Ford GB-107

Components:

- 38-201 Brush
- 39-1501 Pin
- 39-2200 Brush Holder
- 39-2700-1 Spring

39-200-3

Brush Holder Assy.

Same as 39-200 except...

Features:

- Best Value



39-201

Brush Holder Assy.

For: Ford 1G Series 70-100A ER/EF Alternators

Replaces: Ford D2OZ-10347-B, GB-128-A

Lester Nos: 7072, 7074, 7705, 7742

Components:

- 38-205 Brush
- 38-206 Brush*
- 39-1501 Pin
- 39-2700-1 Spring
- 46-2250 Wire Lead
- * For repair brush use 38-204

Features:

- Premium Quality
- Mfd. by WAI

39-201-1

Brush Holder Assy.

Same as 39-201 except...

Features:

- Best Value



39-202

Brush Holder Assy.

For: Ford 2G Series IR/EF Alternators

Replaces: Ford E43Z-10320-A, GC-402

Components:

- 38-207 Brush
- 39-1501 Pin
- 39-2201 Brush Holder
- 39-2700-1 Spring

Features:

- Premium Quality

39-202-1

Brush Holder Assy.

Same as 39-202 except...

Features:

- Best Value



39-203-3

Brush Holder Assy.

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Replaces: Ford D4HZ-10B363-A, GB-303

Unit Nos: Ford GL-93-C, GL-94-C

Lester Nos: 7068, 7069

Note: Later style brush holder assy. used w/ 22-203 S.R.E. frame.

For early style use 39-204 brush holder assy.

Components:

- 38-211 Brush
- 39-1501 Pin
- 39-2400 Insulator
- 39-2700-1 Spring
- 41-2100 Gasket
- 84-2303 Hex Nut
- 84-4304 Washer



39-204

Brush Holder Assy.

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Replaces: Ford D0AZ-10B363-A, GB-123

Unit Nos: Ford GL-93-A, -B; GL-94-A, -B

Lester Nos: 7068, 7069

Note: Early style brush holder assy., used w early style S.R.E. frame: Ford C7AZ-10344-A, GH-304.

For later style use 39-203 brush holder assy.

Components:

- 38-210 Brush
- 39-1501 Pin
- 39-2400 Insulator
- 39-2700-1 Spring
- 84-2303 Hex Nut
- 84-4304 Washer



39-205

Brush Holder Assy.

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford E6HZ-10B363-A, GB-309, GB-309-A

Lester Nos: 7711, 7712, 12222

Components:

- 38-212 Brush
- 39-2400 Insulator
- 39-2700-1 Spring
- 46-2157 Terminal
- 84-2303 Hex Nut
- 84-4304 Washer

39-205-3

Brush Holder Assy.

Same as 39-205 except...

Features:

- Best Value

ALTERNATOR - BRUSH HOLDERS (39-)



39-207

Brush Holder Assy.

For: Ford 3G Series IR/IF Alternators

Replaces: Ford F1DZ-10347-A, GB-320

Note: Later-type brush holder assy. w/ epoxied leads. 39-207 will replace early-type brush holder assy. but requires 85-1202 thread-forming screws

Components:

38-216 Brush
39-2700-1 Brush Spring
46-2301 Terminal

Features:

- Mfd. by OE Supplier

39-207-1

Brush Holder Assy.

Same as 39-207 except...

Features:

- Mfd. by WAI

39-207-3

Brush Holder Assy.

Same as 39-207 except...

Features:

- Best Value

Hitachi



39-8105

Brush Holder Assy.

For: Hitachi IR/EF Alternators w/ Vacuum Pump

Used On: (1987-81) Chevrolet, Isuzu, Nissan, Pontiac (Diesel)

Unit Nos: Hitachi LR140-112, LR140-131; LR150-133B, C, E; LR150-146C; LR150-147B, C; LR150-155B, LR150-201B; LR150-205, B; LR155-12C; LR160-96B, C; LR160-97B, C

Lester Nos: 14586, 14613, 14615, 14645, 14648, 14649, 14730, 14731, 14858, 14874

(cont'd.)

(cont'd.)

WAI Ref. Nos: 1-1113-01HI, 1-1121-01HI, 1-1236-01HI, 1-1247-01HI, 1-1516-01HI, 1-1571-01HI

Features:

- Premium Quality

39-8105-1

Brush Holder Assy.

Same as 39-8105 except...

Features:

- Best Value



39-8107

Brush Holder Assy.

For: Hitachi IR/EF Alternators

Used On: (1989-85) Nissan

Unit Nos: Hitachi LR150-94B, LR150-194B, LR150-197, B; LR160-140B, LR225-86B

Lester Nos: 14659, 14664

WAI Ref. Nos: 1-1114-01HI, 1-1115-01HI

Components:

38-8204 Brush



39-8108

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (1994-90) Infiniti, Nissan

Unit Nos: Hitachi LR160-723, B; LR170-734B, LR170-739, LR180-725, LR180-729

Lester Nos: 13273, 13285, 13287, 13329, 13533

WAI Ref. Nos: 1-1118-01HI, 1-1119-01HI, 1-1425-01HI, 1-1427-01HI, 1-1429-01HI

Components:

38-8107 Brush

Features:

- Mfd. in Japan to OE Specifications



39-8109

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (1994-90) Subaru

Unit Nos: Hitachi LR170-732B, C

Lester Nos: 13275

WAI Ref. Nos: 1-1257-01HI

Components:

38-8107 Brush

Features:

- Premium Quality
- Mfd. in Japan to OE Specifications

39-8109-3

Brush Holder Assy.

Same as 39-8109 except...

Features:

- Best Value



39-8110

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (1994-87) Nissan

Unit Nos: Hitachi LR165-708C; LR170-738, C, E; LR170-744

Lester Nos: 13333, 13334

WAI Ref. Nos: 1-1423-01HI, 1-1877-01HI

Components:

38-8107 Brush

Features:

- Premium Quality
- Mfd. in Japan to OE Specifications

39-8110-1

Brush Holder Assy.

Same as 39-8110 except...

Features:

- Best Value

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Hitachi (cont'd.)



39-8111

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (1996-91) Honda, Isuzu, Nissan

Unit Nos: Hitachi LR150-711, LR160-725, LR160-726, LR170-738B

Lester Nos: 13334, 13564, 14859, 14960

WAI Ref. Nos: 1-1423-01HI, 1-1878-01HI, 1-1879-01HI, 1-1880-01HI

Components:

38-8107 Brush

Features:

- Premium Quality

39-8111-3

Brush Holder Assy.

Same as 39-8111 except...

Features:

- Best Value



39-8112

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (1994-92) Nissan

Unit Nos: Hitachi LR195-701

Lester Nos: 13477

WAI Ref. Nos: 1-1583-01HI

Components:

38-8108 Brush

Features:

- Mfd. in Japan to OE Specifications



39-8114

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (1996-93) Nissan

Unit Nos: Hitachi LR160-724, LR170-739B; LR180-725B, C, E; LR180-733, B; LR180-734B, C; LR180-736B, LR190-717

Lester Nos: 13329, 13474, 13531, 13533, 13534

WAI Ref. Nos: 1-1120-01HI, 1-1427-01HI, 1-1429-01HI, 1-1953-01HI, 1-1954-01HI

Components:

38-8107 Brush

Features:

- Premium Quality
- Mfd. in Japan to OE Specifications

39-8114-1

Brush Holder Assy.

Same as 39-8114 except...

Features:

- Best Value



39-8116

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (1999-95) Infiniti, Nissan

Unit Nos: Hitachi LR160-727, LR170-745; LR170-748, B; LR180-741H, LR180-744, LR180-751, LR190-729, LR1100-704B, LR1100-709

Lester Nos: 13636, 13637, 13638, 13640, 13643, 13644, 13724, 13728

WAI Ref. Nos: 1-2001-01HI, 1-2002-01HI, 1-2091-01HI, 1-2092-01HI, 1-2093-01HI, 1-2124-01HI, 1-2125-01HI, 1-2152-01HI, 1-2193-01HI

Components:

38-8109 Brush

Features:

- Premium Quality
- Mfd. in Japan to OE Specifications

39-8116-3

Brush Holder Assy.

Same as 39-8116 except...

Features:

- Best Value



39-8118

Brush Holder Assy.

For: Hitachi IR/IF Alternators

Used On: (2000-95) Honda, Infiniti, Isuzu, Nissan, Subaru

Unit Nos: Hitachi LR160-725C, LR160-731, LR170-755, LR180-742, LR185-701, LR185-702, LR190-724; LR1110-705, B; LR1110-707C, E; LR1125-702, B

Lester Nos: 13612, 13639, 13641, 13642, 13645, 13712, 13744, 13757, 13775

WAI Ref. Nos: 1-1921-01HI,

1-2013-01HI, 1-2014-01HI, 1-2015-01HI, 1-2089-02HI, 1-2090-01HI, 1-2098-01HI, 1-2180-01HI, 1-2192-01HI, 1-2268-01HI

Components:

38-8109 Brush

Features:

- Premium Quality
- Mfd. in Japan to OE Specifications

39-8118-3

Brush Holder Assy.

Same as 39-8118 except...

Features:

- Best Value



39-8119

Brush Holder Assy.

For: Hitachi IR/EF Alternators

Used On: (1986-83) Nissan; Hino, Isuzu Truck (Diesel)

Unit Nos: Hitachi LR140-130P, LR150-403, LR150-434B, LR155-16B, LR160-422B, LR170-401; LR170-404, B, C; LR170-410; LR170-418B, C

Lester Nos: 14615, 14663, 14735, 14753, 14952

WAI Ref. Nos: 1-1116-01HI, 1-1426-01HI, 1-1570-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI

Features:

- Mfd. in Japan to OE Specifications

ALTERNATOR - BRUSH HOLDERS (39-)

Mitsubishi



39-8300

Brush Holder Assy.

For: Mitsubishi ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T81192, A2T81292, A2T81391, A2TA3791, A2TA7491, A3T14292
Lester Nos: 13575, 13577, 13580
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI, 1-1992-01MI
Note: wo/ Capacitor
Components:
 38-8307 Brush
Features:
 • Best Value



IMB735

(Ref# 39-8301)

Brush Holder Assy.

For: Mitsubishi ER/IF Alternators
Used On: (2001-98) Dodge Neon, Plymouth Neon 2.0L
Unit Nos: Mitsubishi A2TB1491, A2TB2791; Chrysler 4793692, AB; 4794222AA
Lester Nos: 13735
WAI Ref. Nos: 1-2107-01MI
Note: With capacitor. Provides F1-F2 connection.
Features:
 • Transpo

Motorola



39-400

Brush Holder Assy.

For: Motorola / Prestolite 8HC, 8LHA, 8MR, 8SA, 12SA Series Alternators
Replaces: Motorola 3-16, 3-46; Prestolite 103-16, 103-46
Components:
 38-401 Brush



39-401

Brush Holder Assy.

For: Motorola / Prestolite 8AL/A, 8AR, 8MR/MR Series Alternators
Replaces: Motorola 3-1, 3-15; Prestolite 103-15
Components:
 38-401 Brush
Features:
 • Best Value



39-403

Brush Holder Assy.

For: Motorola / Prestolite 8E Series Alternators
Replaces: Motorola 3-55; Prestolite 103-55
Components:
 38-402 Brushes

Nippondenso



39-8200

Brush Holder Assy.

For: Nippondenso IR/IF Alternators
Used On: (2002-83) Acura, Chevrolet, Daihatsu, Geo, Honda, Isuzu, Sterling, Suzuki, Toyota; Ishikawajima, Toyota Lift Truck
Lester Nos: 13214, 229, 234, 239, 240, 241, 255, 277, 294, 316, 319, 322, 338, 339, 383, 390, 391, 392, 397, 398, 409, 411, 414, 423, 455, 456, 482, 485, 486, 492, 496, 499, 500, 509, 512, 521, 522, 536, 659, 670, 671, 673, 680, 740; 14449, 453, 460, 472, 611, 643, 668, 671, 674, 679, 680, 683, 684, 732, 733, 739, 755, 756, 757, 759, 843, 849, 855, 857, 931, 935, 937, 939, 989, 989
Note: Used w/ 41-82300 seal
Components:
 38-8201 Brush
 39-82700 Brush Spring
Features:
 • Premium Quality

39-8200-1

Brush Holder Assy.

Same as 39-8200 except...
Features:
 • Best Value



39-8201

Brush Holder Assy.

For: Nippondenso 75, 90A ER/IF Alternators
Used On: (1989-87) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-243, 121000-266, 121000-268
Lester Nos: 13185, 13220, 14869
WAI Ref. Nos: 1-1506-01ND, 1-1506-03ND, 1-1507-01ND
Note: Used w/ 41-82300 seal
Components:
 38-8201 Brush
 39-82700 Brush Spring
Features:
 • Premium Quality

39-8201-1

Brush Holder Assy.

Same as 39-8201 except...
Features:
 • Best Value

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER ASSYS.

Nippondenso (cont'd.)



39-8202

Brush Holder Assy.

For: Nippondenso 90-120A ER/IF Alternators

Used On: (2005-85) Chrysler, Dodge, Eagle, Jeep, Plymouth

Replaces: Nippondenso 021620-2430

Lester Nos: 13184, 13185, 13245, 13256, 13280, 13301, 13302, 13304, 13305, 13306, 13307, 13308, 13309, 13310, 13311, 13312, 13313, 13341, 13353, 13354, 13442, 13443, 13444, 13453, 13578, 13592, 13593, 13594, 13741, 13742, 13746, 13763, 13765, 13766, 13790, 13822, 13823, 13824, 13834, 13842

Note: Used w/ 41-82303 or 41-82306 seal; 41-82101 gasket

Components:

38-8201 Brush
39-82700 Brush Spring
46-82400 Plastic Cover

Features:

- Premium Quality

39-8202-1

Brush Holder Assy.

Same as 39-8202 except...

Features:

- Best Value

39-8202-3

Brush Holder Assy.

Same as 39-8202 except...

Features:

- Best Value



39-8203-3

Brush Holder Assy.

For: Nippondenso IR/IF Alternators

Used On: (2005-86) Acura, Chevrolet, Geo, Honda, Isuzu, Jaguar, Lexus, Mazda, Pontiac, Toyota, Volvo; Caterpillar, John Deere

Replaces: Honda 31105-PD1-034, 31105-PR7-A01, 31105-PT0-003; Nippondenso 021620-2530, -2720; Toyota 27370-42010, 27370-75060 (cont'd.)

(cont'd.)

Lester Nos: 12066, 192, 195; 13234, 252, 276, 278, 319, 321, 323, 325, 326, 331, 384, 385, 386, 387, 388, 389, 393, 394, 395, 396, 407, 408, 410, 413, 419, 424, 433, 440, 454, 457, 481, 487, 489, 495, 497, 498, 501, 502, 506, 507, 508, 519, 524, 525, 529, 537, 538, 539, 540, 545, 546, 547, 548, 551, 552, 553, 556, 557, 558, 562, 668, 669, 674, 675, 677, 684, 685, 687, 688, 690, 705, 706, 714, 715, 722, 732, 737, 738, 743, 747, 748, 754, 755, 756, 767, 769, 776, 791, 794, 806, 844, 856, 878, 879, 885; 14684

Note: Used w/ 41-82306 seal, 41-82101 gasket

Components:

38-8201 Brush
39-82700 Brush Spring
46-82400 Plastic Cover

Features:

- Best Value



39-8206

Brush Holder Assy.

For: Nippondenso 120-136A ER/IF Alternators

Used On: (2005) Chrysler, Dodge

Unit Nos: Chrysler 4606755AC; 4868431AF, AG;

Nippondenso 421000-022, -023

Lester Nos: 13868, 13871

WAI Ref. Nos: 1-2324-01ND, 1-2505-01ND

Components:

38-8201 Brush
39-82700 Brush Spring
46-82483 Plastic Cover

Features:

- Best Value



39-8207

(Ref# INB420-1)

Brush Holder Assy.

For: Nippondenso 120-160A ER/IF, IR/IF Alternators

Used On: (2005-01) Cadillac, Chrysler,

Dodge, Jeep, Pontiac (cont'd.)

(cont'd.)

Unit Nos: Nippondenso 104210-306, 104210-307, 421000-001, 421000-002, 421000-003, 421000-004, 421000-006, 421000-010, 421000-011, 421000-012

Lester Nos: 13867, 13870, 13871, 13912, 13913, 13914, 13919, 13923

WAI Ref. Nos: 1-2324-01ND,

1-2407-01ND, 1-2407-02ND,

1-2441-01ND, 1-2505-01ND,

1-2507-01ND, 1-2524-01ND,

1-2536-01ND, 1-2540-01ND,

1-2541-01ND

Components:

38-8201 Brush
39-82700 Brush Spring
39-82700 Brush Spring
46-82485 Cover

Prestolite



39-600

Brush Holder Assy.

For: Prestolite ANB Series Alternators

Used On: Case, Caterpillar

Replaces: Case A44445,

Caterpillar 1P1145;

Prestolite 35-728, ANB-1015-1

Unit Nos: Prestolite ANB-6004, ANB-7001

Components:

38-603 Brush



39-601

Brush Holder Assy.

For: Prestolite ALE, ALK, ANE, ANK Series Alternators

Replaces: Prestolite 35-755,

ALK-1020AS

Components:

38-604 Brush

ALTERNATOR - BRUSH HOLDERS (39-)

Valeo



39-402

Brush Holder Assy.

For: Motorola / Valeo Alternators
Used On: (1990-74) Audi, DeLorean, Jaguar, Peugeot, VW
Replaces: Motorola 3-35, 3-38; Valeo 503-001, 503-004, 503-020
Lester Nos: 13105, 13106, 14068, 14071, 14073, 14094, 14297, 14401, 14402, 14406, 14408, 14610, 14831, 14832, 14834, 14984
WAI Ref. Nos: 1-1282-01MO, 1-1316-01VA, 1-1322-01VA, 1-1385-01VA, 1-1390-01MO, 1-1392-01MO, 1-1393-01MO, 1-1403-01MO, 1-1404-01MO, 1-1405-01MO, 1-1456-01MO, 1-1534-01VA, 1-1584-01MO, 1-1585-01VA, 1-1587-01MO
Components:
 38-401 Brush

BRUSH HOLDER PARTS

Chrysler



39-3200

Brush Holder

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 2095038
Note: Used w/ 38-300, 38-302 brushes



39-3201

Brush Holder

For: Chrysler Round Back, Square Back, Revised Square Back ER/IF Alternators
Replaces: Chrysler 3438159
Note: Used w/ 38-301, 38-303, 38-306 brushes



39-3202

Brush Holder

For: Chrysler Revised Square Back ER/IF Alternators
Replaces: Chrysler 4091667
Note: Used w/ 38-304, 38-305 brushes



39-3204

Brush Holder

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226925
Dim: 4mm Mtg. Holes
Note: Used in 39-300 brush holder assy. on S.R.E. frames w/ o-ring



39-3205

Brush Holder

For: Chrysler 40/90A ER/EF Alternators
Replaces: Chrysler 5226008
Dim: 5mm Mtg. Holes
Note: Used in 39-301 brush holder assy. on S.R.E. frames w/ o-ring



39-3206

Brush Holder

For: Chrysler 40/90, 50/120 ER/EF Alternators
Dim: 4mm Mtg. Holes
Note: Used in 39-302 brush holder assy. on S.R.E. frames w/ tolerance ring

Delco



39-1200

Brush Holder

For: Delco 10SI, 12SI, 27SI/Type 100, 200 Series IR/EF Alternators
Note: Used in 39-101, 39-105 brush holder assys.
 For 27SI/Type 200 OE design use 39-1200-1.
Features:

- Premium Quality
- Universal design

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER PARTS

Delco (cont'd.)

39-1200-3

Brush Holder

Same as 39-1200 except...

Features:

- Best Value
- Universal design



39-1200-1

(Ref# S-1399)

Brush Holder

Same as 39-1200 except...

Features:

- OE 27SI/Type 200 design



39-1201

Brush Holder

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators

Note: Used in 39-102 brush holder assy.



39-1202

Brush Holder

For: Delco 15SI, 17SI Series IR/EF Alternators

Note: Used in 39-103 brush holder assy.



39-1203

Brush Holder

For: Delco CS121, CS130 Series IR/EF Alternators

Note: Used in 39-106 brush holder assy.

39-1203-3

Brush Holder

Same as 39-1203 except...

Features:

- Best Value



39-1204

Brush Holder

For: Delco CS144 Series IR/EF Alternators

Note: Early type brush holder w/ 2-round mtg. sockets used in 39-107 brush holder assy.



39-1205

Brush Arm

For: Delco 10SI/Type 116, 136; 15SI/Type 116, 21SI Series IR/EF Alternators

Note: Used in 39-102, 39-104 brush holder assys.

Features:

- Green color



39-1206

Brush Holder

For: Delco 10DN Series ER/EF Alternators

Note: Used in 39-100 brush holder assy.



39-1207

Brush Holder

For: Delco CS144 Series IR/EF Alternators

Note: Late type brush holder w/ flat mtg. surface used in 39-108 brush holder assy.



39-1208

Brush Holder

For: Delco 15SI/Type 116, 19SI, 21SI Series IR/EF Alternators

Replaces: Delco 1979725

Note: Used in 39-104 brush holder assy.

Features:

- Premium Quality

39-1208-3

Brush Holder

Same as 39-1208 except...

Features:

- Best Value



39-1209

Brush Holder

For: Delco CS130D Series IR/IF Alternators

Note: Used in 39-109 brush holder assy.

Features:

- Premium Quality

39-1209-3

Brush Holder

Same as 39-1209 except...

Features:

- Best Value

ALTERNATOR - BRUSH HOLDERS (39-)



39-1211
Brush Holder

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727, 21025094
Lester Nos: 8232
Note: Used w/ 38-122, 38-123 brushes in 39-111 brush holder assy.



39-1212
Brush Holder

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8288, 8289, 8290, 8291, 8292, 8293, 8490, 8492
Note: Used in 39-112 brush holder assy.



39-1500
Clip - Brush Holder

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, 200 Series IR/EF Alternators
Note: Used in 39-101, 39-103, 39-105 brush holder assys.



39-1501
Pin - Brush Holder

Dim: 1.5mm Dia. x 56mm L, Steel
Note: Used to secure alternator brushes inside brush holder assy. during installation

39-1501-1
Pin - Brush Holder

Same as 39-1501 except...
Dim: 1.5mm Dia. x 56mm L, Plastic Coated Steel
Features:

- Insulated, plastic coated steel pin



39-1503
Spacer - Brush Holder

For: Delco 10SI/Type 116, 136; 15SI/Type 116, 21SI Series IR/EF Alternators
Note: Used in 39-102, 39-104 brush holder assys.



39-1504
Terminal - Brush Holder

For: Delco 10DN Series ER/EF Alternators
Note: Used in 39-100 brush holder assy.



39-1505
Cap - Brush Holder

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Note: Used in 39-109, 39-112 brush holder assys.



39-1700
Brush Spring

For: Delco 10DN Series ER/EF; 10SI, 12SI, 27SI/Type 100, 200 Series IR/EF; Nippondenso ER/EF, IR/EF Alternators
Note: Used in 39-100, 39-101, 39-105 brush holder assys.



39-1701
Brush Spring

For: Delco 15SI, 17SI, CS121, CS130, CS144 Series IR/EF Alternators
Note: Used in 39-103, 39-106, 39-107, 39-108 brush holder assys.



39-1702
Brush Spring

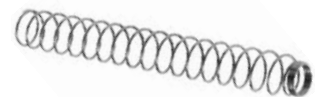
For: Delco 10SI/Type 116, 136; 15SI/Type 116, 21SI Series IR/EF Alternators
Note: Used in 39-102, 39-104 brush holder assys.



39-1703
Brush Spring

For: Delco 22SI Series IR/EF Alternators
Note: Used in 39-110-1 OE design brush holder assy. w/ roll-out tension spring
Features:

- Improved design
- Larger sturdier brush spring



39-1703-2
Brush Spring

For: Delco 22SI Series IR/EF Alternators
Note: Used in 39-110 aftermarket design brush holder assy. w/ coil brush spring

ALTERNATOR - BRUSH HOLDERS (39-)

BRUSH HOLDER PARTS

Ford



39-1501

Pin - Brush Holder

Dim: 1.5mm Dia. x 56mm L, Steel

Note: Used to secure alternator brushes inside brush holder assy. during installation

39-1501-1

Pin - Brush Holder

Same as 39-1501 except...

Dim: 1.5mm Dia. x 56mm L, Plastic Coated Steel

Features:

- Insulated, plastic coated steel pin



39-2200

Brush Holder

For: Ford 1G Series 40-65A ER/EF Alternators

Replaces: Ford C5AZ-10351-A, GY-1011

Note: Used in 39-200 brush holder assy.

Features:

- Premium Quality

39-2200-3

Brush Holder

Same as 39-2200 except...

Features:

- Best Value



39-2201

Brush Holder

For: Ford 2G Series IR/EF Alternators

Note: Used in 39-202 brush holder assy.

Features:

- Premium Quality

39-2201-3

Brush Holder

Same as 39-2201 except...

Features:

- Best Value



39-2203

Brush Holder

For: Ford 3G Series IR/IF Alternators

Features:

- Premium Quality

39-2203-3

Brush Holder

Same as 39-2203 except...

Features:

- Best Value



39-2400

Insulator - Brush Holder

For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Dim: 5mm (No. 10) ID

Note: Used in 39-203, 39-204, 39-205 brush holder assys.



39-2700-1

Brush Spring

For: Ford 1G Series ER/EF, 2G Series IR/EF, 3G Series IR/IF Alternators

Note: Used in 39-200, 39-201, 39-202, 39-203, 39-204, 39-205, 39-207 brush holder assys.



39-2701

Brush Spring

For: Ford 4G Series IR/IF Alternators

Note: Used in 35-208, 35-210 regulator / brush holder assys.



39-2702

Brush Spring

For: Ford 6G Series IR/IF Alternators

Note: Used w/ 39-217 brush. Used in 35-212, 35-213, 35-214 regulator/brush holder assys. w/ epoxied brushes.

Leece-Neville



39-5200

Brush Holder

For: Leece-Neville 2300-2700JB Series Alternators

Replaces: Leece-Neville 79023, 79030

Note: Used w/ 38-500 brushes

Features:

- Premium Quality
- OE thermoset material to withstand hi-heat and resist cracking
- Increased radius at critical joints to reduce chance of cracking
- Knurled brass insert with special recessed groove to prevent pulling out

39-5200-3

Brush Holder

Same as 39-5200 except...

Features:

- Best Value



39-5202

Brush Holder

For: Leece-Neville 2200A; 4400-4700A; 7000-7700A Series Alternators

Replaces: Leece-Neville 58777

Note: Used w/ 38-501-1, 38-504 brushes

(cont'd.)

537, 538, 539, 540, 545, 546, 547, 548, 551, 552, 553, 556, 557, 558, 562, 569, 578, 592, 593, 594, 659, 668, 669, 670, 671, 673, 674, 675, 677, 679, 680, 684, 685, 687, 688, 690, 705, 706, 711, 714, 715, 722, 732, 737, 738, 740, 741, 742, 743, 746, 747, 748, 754, 755, 756, 763, 765, 766, 767, 769, 776, 790, 791, 794, 806, 809, 822, 823, 824, 834, 842, 844, 856, 858, 867, 868, 869, 870, 871, 873, 874, 878, 879, 880, 885, 896, 906, 910, 912, 913, 914, 919, 923, 964; 14449, 453, 454, 455, 457, 458, 460, 472, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 684, 732, 733, 739, 755, 756, 757, 759, 843, 847, 849, 851, 852, 855, 857, 869, 870, 872, 926, 930, 931, 935, 937, 939, 940, 941, 974, 989

Note: Used in 39-8200, 39-8201, 39-8202, 39-8203, 39-8206, 39-8207, 39-8208 Brush Holder Assys.

Nippondenso

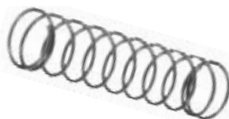


39-1700

Brush Spring

For: Delco 10DN Series ER/EF; 10SI, 12SI, 27SI/Type 100, 200 Series IR/EF; Nippondenso ER/EF, IR/EF Alternators

Note: Used in 39-100, 39-101, 39-105 brush holder assys.



39-82700

Brush Spring

For: Nippondenso ER/IF, IR/IF Alternators

Replaces: Honda 31129-PD1-004, Toyota 27372-63020

Lester Nos: 11063, 11116; 12066, 179, 180, 182, 183, 184, 187, 189, 190, 192, 195, 196, 198, 199, 204, 205, 209, 210, 270, 346; 13184, 185, 214, 220, 229, 234, 239, 240, 241, 245, 252, 255, 256, 276, 277, 278, 280, 294, 301, 302, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 316, 319, 321, 322, 323, 325, 331, 338, 339, 341, 353, 354, 383, 384, 385, 386, 387, 388, 389, 390, 391, 393, 394, 395, 396, 397, 398, 407, 408, 409, 410, 413, 414, 419, 423, 424, 440, 442, 443, 444, 453, 454, 455, 456, 457, 481, 482, 485, 486, 487, 489, 492, 495, 496, 497, 498, 499, 501, 502, 503, 506, 507, 509, 512, 519, 521, 522, 524, 525, 529, (cont'd.)

TRANSPO

EXTREME DUTY RECTIFIERS

for Ford 2G Series Alternators



FR192PXD

6-40A Press-fit Diodes
Crimp-weld diode terminations
Excellent heat dissipation
Superior, long-term reliability

FR192BBS

With integral BBS pigtail leads - eliminates the possibility of electrical arcing caused by a loose connection between the rectifier and wiring harness




49-2100

RECTIFIER REPAIR HARNESS
Include with your 2G alternators to make sure the installer provides the proper connection between the rectifier and wiring harness. Includes electrical contact gel & installation instructions.


(see page 292 & 585)

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)


AXIAL LEAD DIODES

	Amp	Reverse/Avalanche V	WAI	Ref#	Note
	1.0	-	8010	-	
	1.5	-	8015	32-8904	
	2.5	-	8025	32-8908	
	3.0	-	8030	32-8905	


BLOCK DIODES (MITSUBISHI STYLE)

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	30	-	32-8300	8330	32-8301	8331	
	35	-	32-8306	8334	32-8307	8335	
	40	-	32-8308	8340	32-8309	8341	


BUTTON DIODES

	Amp	Reverse/Avalanche V	WAI	Ref#	Note
	25	200V	32-734	8125	8.5mm Dia.
	50	200V	32-735	8150	8.5mm Dia.
			32-779	8170	10mm Dia.
		24-32V Avalanche	32-705	8153	10mm Dia.




BUTTON DIODES W/ LEAD

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	25	200V	32-726	8125L	32-725	8126L	8.5mm Dia.
	50	200V	32-728	8150L	32-727	8151L	8.5mm Dia.

DISH DIODES


	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	20	-	32-8910	7220	32-8909	7221	8.4mm Dia.
	30	-	32-8928	-	32-8927	-	8.4mm Dia.
			32-8928-10	-	32-8927-10	-	8.4mm Dia.
			32-8918	7230	32-8917	7231	9.7mm Dia.

PRESS-FIT DIODES W/ LEAD (1/2")


	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	25	50V, 1mA	32-101	-	32-100	-	Lead & Flag Terminal
25	200V, 0.1mA	32-108	8960	32-107	8961	Lead & Flag Terminal	
		32-112	-	32-111	-	Lead & Flag Terminal	
	35	200V, 0.1mA	32-103	8980	32-102	8981	Insulated Lead & Flag Terminal
	25	100V, 0.1mA	32-303	8824	32-302	8825	Hook Lead
	35	200V, 0.1mA	32-307	8834	32-306	8835	Hook Lead

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)


PRESS-FIT DIODES (1/2")

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	25	50V, 1mA	200V, 0.1mA	32-707	-	32-706	-
32-749				8724	32-748	8725	1.3mm Dia. Lead
35	100V, 1mA	200V, 0.1mA	32-709	-	32-708	-	1.3mm Dia. Lead
			32-774	8734	32-773	8735	1.3mm Dia. Lead
			32-763	-	32-762	-	1.3mm Dia. Lead
50	200V, 1mA	200V, 0.1mA	32-711	-	32-710	-	2.5mm Dia. Lead
			32-755	8752	32-754	8753	2.5mm Dia. Lead
			32-7101	-	32-7100	-	2.5mm Dia. Lead
70	200V, 0.1mA	32-788	8772	32-787	8773	2.5mm Dia. Lead	


PRESS-FIT DIODES W/ LEAD ASSY. (1/2")

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	35	200V, 0.1mA	32-501	LR79084	32-500	LR77325	
50	200V, 0.1mA	32-503	LR71199	32-502	LR71198		


PRESS-FIT DIODE KIT (1/2")

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	50	200V, 0.1mA	8752K	-	8753K	-	


PRESS-FIT DIODES (10MM, LUCAS STYLE)

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	30	-	32-9201	9230	32-9200	9231	
35	-	32-9203	9234	32-9202	9235		



PRESS-FIT DIODES (11.5MM, HITACHI STYLE)



	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	30	-	32-8103	8630	32-8102	8631	
40	-	32-8105	8640	32-8104	8641		
		32-8107	8652	32-8106	8653		
50	24-32V Avalanche	32-8109	8660	32-8108	8661		




PRESS-FIT DIODES (13MM, BOSCH STYLE)

	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	40	300V	32-1040900	8240	32-1040901	8241	Nickel plated lead, 30mm OAL
32-1040902			-	32-1040903	-	Nickel plated lead, 18mm OAL (+), 22mm OAL (-)	
32-1040910			-	32-1040911	-	Tin plated lead, 18mm OAL (+), 22mm OAL (-)	
32-1040912			-	32-1040913	-	Tin plated lead, 30mm OAL	
32-1040920			-	32-1040921	-	Low profile, Tin plated lead, 18mm OAL (+), 22mm OAL (-)	
24-29V Avalanche	32-1040200	-	32-1040201	8463	20mm OAL		
	32-1040202	8462	-	-	18mm OAL		

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

PRESS-FIT DIODES (13MM, BOSCH STYLE) (cont'd.)							
	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	50	300V	32-1050900	8252	32-1050901	8253	Nickel plated lead, 30mm OAL
			32-1050902	-	32-1050903	-	Nickel plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1050910	-	32-1050911	-	Tin plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1050912	-	32-1050913	-	Tin plated lead, 30mm OAL
		20-24V Avalanche	32-1050100	8454	32-1050101	8455	28mm OAL
		24-29V Avalanche	32-1050200		32-1050201	-	20mm OAL
	60	300V	32-1060900	-	32-1060901	-	Nickel plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1060910	-	32-1060911	-	Tin plated lead, 18mm OAL (+), 22mm OAL (-)
			32-1060912	8270	32-1060913	8271	Tin plated lead, 32mm OAL
		24-29V Avalanche	32-1060100	-	32-1060101	-	30mm OAL
			32-1060200	-	32-1060201	-	18mm OAL (+), 22mm OAL (-)
			32-1060220	-	-	-	18mm OAL
		38-43V Avalanche	32-1060102	8466	32-1060103	8467	30mm OAL
			32-1060202	-	32-1060203	-	18mm OAL (+), 22mm OAL (-)
		32-1060302	-	32-1060303	-	22mm OAL	

SMALL CAN DIODES							
	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	20	-	32-702-1	8520	32-701-1	8521	5/16 Can
	25	-	32-722	8524	32-721	8525	5/16 Can
	50	-	32-784	8550	32-783	8551	5/16 Can
	25	-	32-724	8534	32-723	8535	5/16 Can, Fork Lead

STUD MOUNT DIODES							
	Amp	Reverse/Avalanche V	WAI (+)	Ref# (+)	WAI (-)	Ref# (-)	Note
	70	200V	1120	32-769	1120R	32-768	1/4-28 Stud Mount
	150	200V	866D	32-105	867D	32-104	3/8-24 Stud Mount
	150	200V	74992	-	74993	-	3/8-24 Stud Mount, 6" Lead

ALTERNATOR - DIODES & DIODE TRIOS

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

DIODE TRIOS

Bosch



IB112-1
(Ref# 33-9100)

Diode Trio

For: Bosch ER/EF Alternators
Used On: (1977-67) BMW, Mercedes, Porsche, Saab, VW, Volvo
Replaces: Bosch 1-121-099-007
Lester Nos: 13009, 13011, 13014, 13018, 13019, 13025, 13030, 13034, 13038, 13040, 13069, 13071, 13162, 13202, 14388
WAI Ref. Nos: 1-1263-01BO, 1-1274-01BO, 1-1288-01BO, 1-1303-01BO, 1-1349-01BO, 1-1359-01BO, 1-1365-01BO, 1-1555-01BO, 1-1558-01BO, 1-1562-01BO, 1-1575-01BO



D797
(Ref# 33-104)

Diode Trio

For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 1876797, 10456389
Features:
 • Black case



DT22
(Ref# 33-108)

Diode Trio w/ Auto Start Package

For: Delco 22SI Series IR/EF Alternators
Replaces: Delco 10487805
Components:
 41-1105 Vibration Dampner



D985
(Ref# 33-101-1)

Diode Trio

For: Delco 17SI Series 120A, 19SI, 21SI Series IR/EF Alternators
Replaces: Delco 1988985, D3927
Features:
 • Transpo



DT182
(Ref# 33-109)

Diode Trio

For: Delco 33SI, 34SI Series Alternators
Replaces: Delco 10491182

Delco



D528
(Ref# 33-100)

Diode Trio

For: Delco 10SI, 12SI, 15SI, 17SI Series IR/EF Alternators
Replaces: Delco 1971528, 1984459, D3922
Features:
 • Black case



D1001
(Ref# 33-102)

Diode Trio

For: Delco 27SI/Type 100, 200 Series IR/EF Alternators
Replaces: Delco 1977064, D3918, D3921



DT430
(Ref# 33-114)

Diode Trio

For: Delco 23SI Series IR/EF Alternators
Replaces: Delco 10491430
Features:
 • 6A premium axial lead diodes



D572
(Ref# 33-105)

Diode Trio

For: Delco 40SI Series IR/EF Alternators
Replaces: Delco 801572



33-106
Diode Trio

For: Delco 26SI Series IR/EF Alternators
Replaces: Delco 10472644, 10475293
Note: Included in 49-1107, 49-1108 regulator conversion kits for Delco 25SI series alternators

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)



33-107

Diode Trio

For: Delco 20SI Series IR/EF Alternators

Replaces: Delco 1987324

Features:

- Black case

Delco (non-USA)



DET524

(Ref# 33-113-1)

Diode Trio

For: Delco European 11SI Series Alternators

Replaces: Delco 1984032, 3472312, 7982635, D3901; Opel 1205436

Unit Nos: Delco 3472002, 018, 021, 023, 024, 026, 028, 032, 033, 037, 038, 042, 048 thru 053, 057 thru 075, 082, 091, 104, 105, 106, 119, 120, 121, 128, 130, 134, 135, 136, 137, 139, 142, 143, 144; 3493604, 606, 619, 621, 634, 635, 639, 641, 644, 704, 706

Features:

- Black case

Leece-Neville



L79026

(Ref# 33-502)

Diode Trio

For: Leece-Neville 4400-4700J; 7000-7700J Series Alternators

Replaces: Leece-Neville 79026

Features:

- 1A/200V diodes



L79027-1

(Ref# 33-500)

Diode Trio

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79027

Features:

- 3-1A/200V Diodes

L79027HD-1

Diode Trio

Same as L79027-1 except...

Features:

- Heavy Duty
- 6-1A/200V diodes
- Parallel diodes, 2-per phase



L79480

(Ref# 33-501)

Diode Trio

For: Leece-Neville 3425-3725J; 4525-4725J Series Alternators

Replaces: Leece-Neville 79480

Features:

- 1A/200V Diodes

Lucas



84202

Diode Trio

For: Lucas A127 Series IR/EF Alternators

Replaces: Lucas 84202

Lester Nos: 12045, 12046, 12072, 12089, 12090, 12091, 12144, 12239

Note: Used in WAI rectifiers:

ILR566-1, ILR567-1, ILR568-1, ILR569-1, ILR570-1, ILR571-1, ILR572-1, ILR573-1, ILR574-1, ILR576-1

Features:

- 3-2.5A diodes
- OE design

Marelli



IX633

Diode Trio

For: Marelli IR/IF Alternators

Unit Nos: Marelli 63320200, 63320203, 63321234, 63321235, 63321252

Note: Diode trio for IXR633, IXR634 rectifiers.

Features:

- 3-1A/200V diodes

Motorola



M129-1

(Ref# 33-401)

Diode Trio

For: Motorola 9BB, 9BE, 9FB, 9FE Series Alternators

Used On: (1984-74) Audi, VW

Replaces: Motorola 1-129, 1-134; Prestolite 101-129

Unit Nos: Motorola 10-742, -764, -765, -766, -766A, -767, -768, -769, -772;

9BE2KA2A21, 9BE2KD2A40, 9BE2NB2A45, 9BE2NE2A41, 9DA2LA2B07, 9DB2LG2B59, 9FB2KB2A04, 9FB2KB2A06, 9FB2LD2A05, 9FB2LD2A07, 9FE2KB2A06, 9FE2NB2A22, 9FE2NC2A24, 9FE2ND2A42, 9FE2NE2A43, 9FE2NF2A37, 9FE2NF2A44, 9FF2LD2A07, 9GD2NA2A25, 9JG2NA2F42, 9JG2NA2F52, 9JG2ND2F49, 9LG2KA2F4

Lester Nos: 13105, 13106, 13113, 14071, 14073, 14081, 14297, 14401, 14402, 14406, 14408, 14831, 14834

WAI Ref. Nos: 1-1282-01MO,

1-1390-01MO, 1-1392-01MO, 1-1393-01MO, 1-1403-01MO, 1-1404-01MO, 1-1405-01MO, 1-1456-01MO, 1-1584-01MO, 1-1587-01MO

Dim: 10-24 x 3/4 Terminal post

Features:

- 3A/200V diodes

ALTERNATOR - DIODES & DIODE TRIOS (TRANSPO)

DIODE TRIOS

Motorola (cont'd.)



M130-1
(Ref# 33-400)
Diode Trio

For: Motorola / Prestolite 8AL Series Alternators

Replaces: Motorola 1-130; Prestolite 101-130

Dim: 10-24 x 1-1/2 Terminal post

Features:

- 3A/200V diodes



M195
(Ref# 33-404)
Diode Trio

For: Motorola / Prestolite 8SA Series Alternators

Replaces: Motorola 1-182

Unit Nos: Motorola / Prestolite 8SA2004R, 2007R, 3005P, 3006P, 3008P, 3021P, 3033P; 12SA101B, 102A, 102B, 103B, 106A, 106B, 108B, 109A, 109B, 110B, 113A, 113B, 115A, 115B; 110-21, -22, -48, -53, -95, -124, -125, -126, -127, -128, -264, -319;

Lester Nos: 7387, 7388, 7392, 7402, 7409, 7410, 7411, 7585

Dim: 10-24 x 2 Terminal post

Features:

- 3A/200V diodes



M206
(Ref# 33-402)

Diode Trio w/ Std. Posts

For: Motorola / Prestolite 8E Series Alternators

Replaces: Motorola 1-206; Prestolite 101-206

Dim: 10-24 & 1/4-20 Terminal Posts

Features:

- 3-3A/200V diodes



M208
(Ref# 33-403)

Diode Trio w/ Metric Posts

For: Motorola / Prestolite 8E Series Alternators

Replaces: Motorola 1-208; Prestolite 101-208

Dim: M5 x 0.8 & M6 x 1.0 Terminal Posts

Features:

- 3-3A/200V diodes



IX699-1
Diode Trio

For: Ducellier / Valeo, Marelli Alternators

Note: For heavy duty version use IX700-1

Features:

- 1.5A/200V diodes



IX700-1
(Ref# 33-9402)
Diode Trio

For: Ducellier / Valeo, Marelli Alternators

Note: Heavy duty version of IX699-1

Features:

- 2.5A/400V diodes

Specialty



T200
Diode Trio

For: Universal Design

Features:

- 1A/400V diodes

Valeo



ID599-1
(Ref# 33-9403)

Diode Trio wo/ Lead

For: Ducellier / Valeo, Magneti-Marelli

Replaces: Ducellier 669303; Lucas 21220362, UZB203

Unit Nos: Ducellier / Valeo 512002A, 512003A, 7565C, 7566C, 7567C, 7568C

Features:

- 1.5A/200V diodes

DELCO

10DN, 10SI, 12SI Series



21-100
D.E. Frame
Standard

For: Delco 10DN Series ER/EF, 10SI Series IR/EF Alternators
Used On: (1979-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

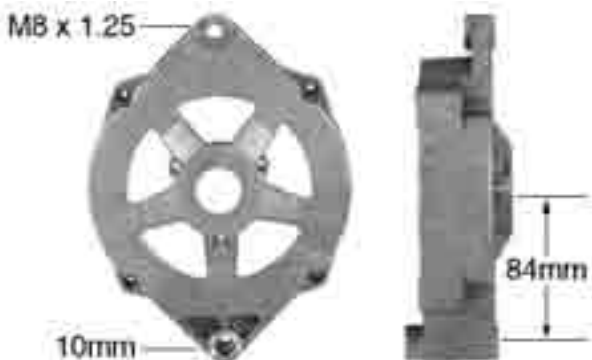
Replaces: Delco 800135, 1987105, D3412

Lester Nos: 7127, 7128, 7282

Dim:

Mtg. Ear Hole Size: 5/16-18
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 3/8
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm

Note: Used w/ 6203 ball bearing.



21-101
D.E. Frame
Metric

For: Delco 10SI Series IR/EF Alternators

Used On: (1987-75) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1974937, 1985642, 1987104, D3443

Lester Nos: 7127, 7128, 7282

Dim:

Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm

Note: Used w/ 6203 ball bearing



21-103
D.E. Frame

For: Delco 12SI Series IR/EF Alternators

Used On: (1987-80) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

Replaces: Delco 1985497, D3438

Unit Nos: Delco 1100109, 1100154, 1100169, 1100173, 1100178, 1100220, 1100234, 1100244, 1100253, 1100258, 1100261, 1105354, 1105355, 1105367, 1105368, 1105439, 1105440, 1105503, 1105504, 1105575

Lester Nos: 7145, 7148, 7274, 7275, 7277, 7278

Dim:

Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 92mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm

Note: Used w/ 6203 ball bearing



21-105
D.E. Frame

For: Delco 12SI Series IR/EF Alternators

Used On: (1991-83) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1984464, 1987051, 1987054, D3437, D3446

Lester Nos: 7128, 7271, 7272, 7272R, 7273, 7273R, 7294, 7294R

Dim:

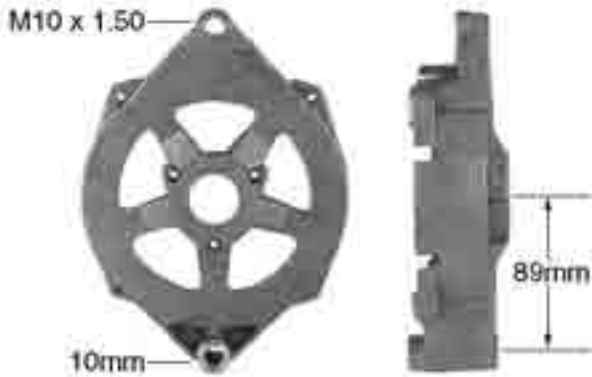
Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 16mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 84mm
Bearing Bore Dia: 40mm
Stator Bore Dia: 135mm

Note: Used w/ 6203 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

15SI, 17SI, 19SI Series



21-106

D.E. Frame

For: Delco 15SI, 17SI Series IR/EF Alternators

Used On: (1990-80) AMC, Buick, Cadillac, Chevrolet, Cummins, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1985669, 1986590, D3440

Lester Nos: 7134, 7134H, 7134M, 7134R, 7137, 7137R, 7286, 7287, 7290, 7291, 7934

Dim:

Mtg. Ear Hole Size: M10 x 1.50

Mtg. Ear Thickness: 20mm

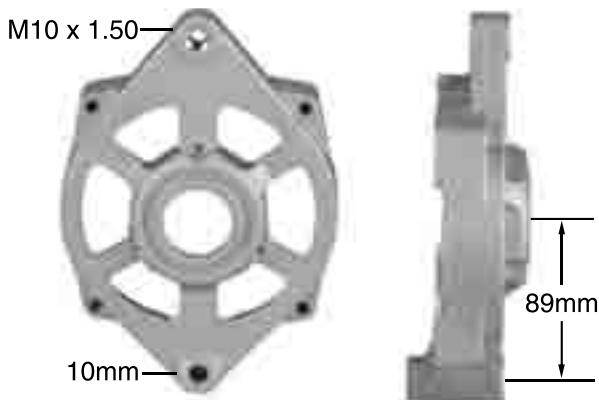
Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 146mm

Note: Used w/ 6203 ball bearing



21-189

D.E. Frame

For: Delco 19SI Series IR/EF Alternators

Used On: Agricultural & Industrial Equipment w/ Cummins Engines

Unit Nos: Cummins 3934777, 3934778; Delco 19009950, 19009951, 19009952, 19009956, 19009957

Lester Nos: 8098

20SI, 21SI, 22SI Series



21-109

D.E. Frame

For: Delco 20SI Series IR/EF Alternators

Replaces: Delco 1894483

Unit Nos: Delco 1117611, 612, 613, 615, 616, 618, 619, 621, 622, 623, 625, 640, 641, 642, 643, 644, 645, 647, 655

Dim:

Mtg. Ear Hole Size: 1/2-13

Mtg. Ear Thickness: 14mm

Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 99mm

Bearing Bore Dia: 62mm

Stator Bore Dia: 135mm

Note: Used w/ 6305 ball bearing



21-129

D.E. Frame

For: Delco 21SI Series IR/EF Alternators

Replaces: Delco 10467267, D3461

Dim:

Mtg. Ear Hole Size: 1/2-13

Mtg. Ear Thickness: 14mm

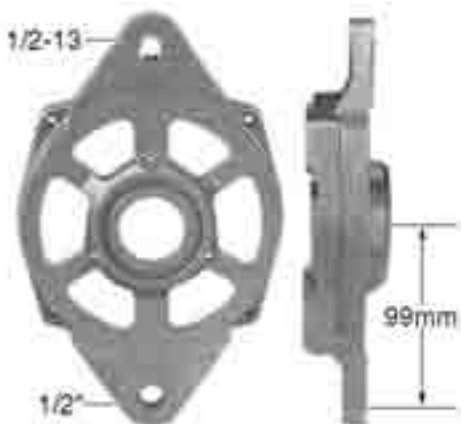
Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 99mm

Bearing Bore Dia: 62mm

Stator Bore Dia: 144mm

Note: Used w/ 6305 ball bearing



21-165
D.E. Frame

For: Delco 22SI Series IR/EF Alternators

Replaces: Delco 10492754

Unit Nos: Delco 19020300, 302, 303, 304, 305, 306, 307, 308, 309, 310, 312, 314, 346, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 375, 376, 377, 379, 380, 381, 382, 383, 386

Lester Nos: 8078

Dim:

Mtg. Ear Hole Size: 1/2-13

Mtg. Ear Thickness: 14mm

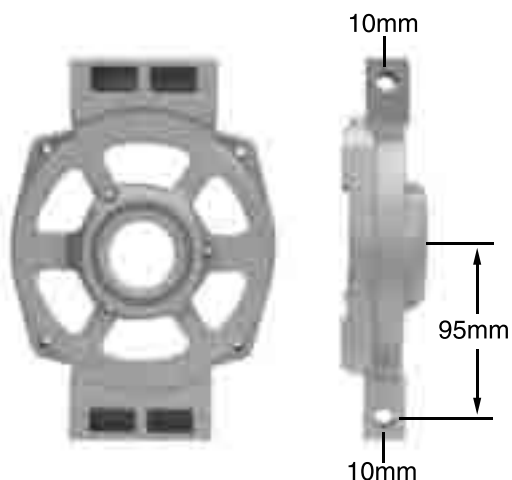
Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 99mm

Bearing Bore Dia: 62mm

Stator Bore Dia: 144mm

Note: Used w/ 6305 ball bearing. 1/4-20 thru-bolt hole size.



21-186
D.E. Frame

For: Delco 22SI Series IR/EF Alternators

Replaces: Delco 10487021

Unit Nos: Delco 19020387, 19020388, 19020389, 19020889

Lester Nos: 8360, 8361, 8362

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 95mm

Bearing Bore Dia: 62mm

Stator Bore Dia: 144mm

Note: Used w/ 6305 ball bearing

25SI, 26SI, 30SI Series



21-110
D.E. Frame

For: Delco 25SI, 26SI, 30SI Series IR/EF Alternators

Replaces: Delco 1852726

Dim:

Mtg. Ear Hole Size: 1/2-13

Mtg. Ear Thickness: 14mm

Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 99mm

Bearing Bore Dia: 62mm

Stator Bore Dia: 152mm

Thru-bolt Hole Size: #10

Note: Used w/ 6305 ball bearing

27SI Series



21-113
D.E. Frame

For: Delco 27SI/Type 200 Series IR/EF Alternators

Replaces: Delco 1852038, 1985700

Lester Nos: 7136, 7138, 7197, 7842, 7850

Dim:

Mtg. Ear Hole Size: 1/2-13

Mtg. Ear Thickness: 14mm

Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 108mm

Bearing Bore Dia: 62mm

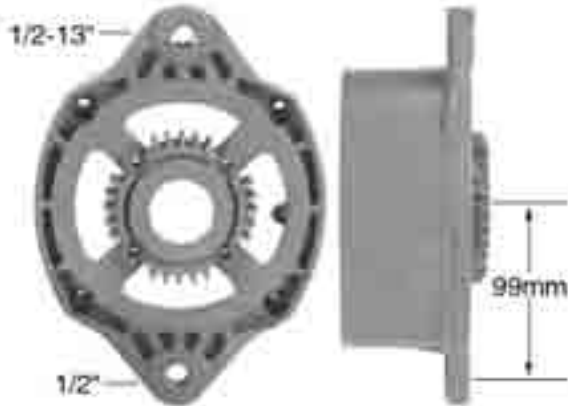
Stator Bore Dia: 162mm

Note: Used w/ 6305 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

33SI, 34SI Series



21-168

D.E. Frame

For: Delco 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 10491185

Unit Nos: Delco 19011150, 19011151, 19011152, 19011153, 19011154, 19011155, 19011156, 19011157, 19011158, 19011159, 19011160, 19011161, 19011162, 19011163, 19011165, 19011166, 19011167, 19011168, 19011169, 19011170, 19011171, 19011172, 19011173, 19011174, 19011175, 19011178, 19011179, 19011181, 19011182, 19011183, 19011186, 19011189, 19011190, 19011191, 19011192

Lester Nos: 8080, 8083, 8090, 8092

Dim:

Mtg. Ear Hole Size: 1/2-13

Mtg. Ear Thickness: 15mm

Mtg. Foot Hole Size: 1/2"

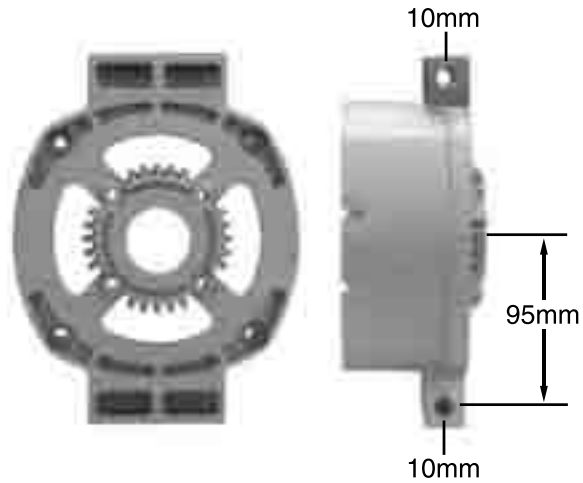
Mtg. Foot to Bearing Center: 99mm

Bearing Bore Dia.: 62mm

Stator Bore Dia.: 152mm

Thru-bolt Hole Size: 1/4"

Note: Used w/ 6305 ball bearing. Similar to 21-110 (25SI, 26SI, 30SI Series) except 21-110 has #10 thru-bolt hole size



21-181

D.E. Frame

For: Delco 34SI Series IR/EF Alternators

Replaces: Delco 10483415

Unit Nos: Delco 19011176, 19011177, 19011187, 19011194

Lester Nos: 8095, 8096, 8097

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Foot Hole Size: 10mm

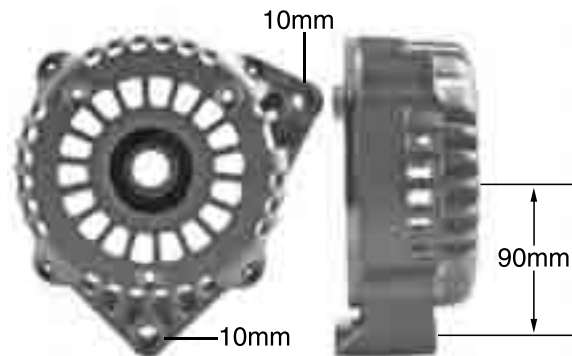
Mtg. Foot to Bearing Center: 95mm

Bearing Bore Dia.: 62mm

Stator Bore Dia.: 152mm

Note: Used w/ 6305 ball bearing

AD230 Series



21-176-1

D.E. Frame w/ Bearing

For: Delco AD230 Series IR/IF Alternators

Used On: (2005-99) Chevrolet, GMC

Replaces: Delco 10494738

Unit Nos: Delco 10480229, 10480271, 10480326, 10480388, 15768829, 15769252

Lester Nos: 8238, 8247, 8273

WAI Ref. Nos: 1-2320-21DR, 1-2415-41DR

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 51mm

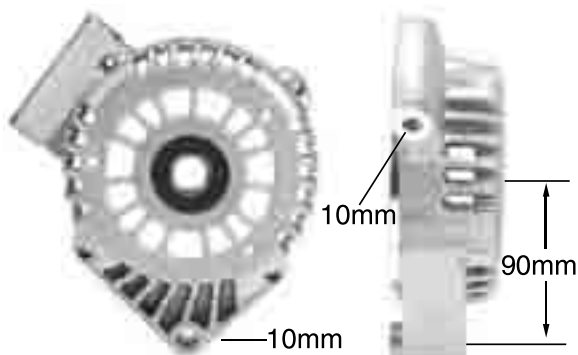
Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 90mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 129mm

Note: Includes 6-303-4 ball bearing



21-177-1

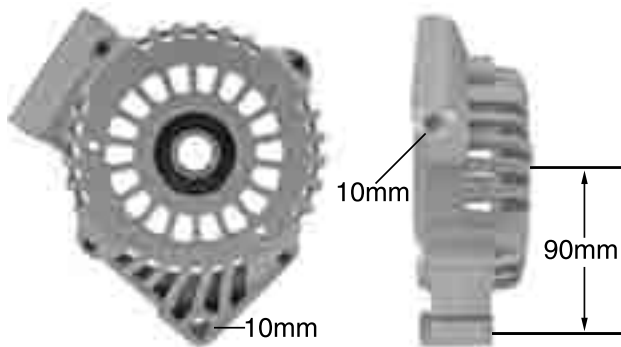
D.E. Frame w/ Bearing

For: Delco AD230 Series IR/IF Alternators
Used On: (2002-00) Buick, Pontiac
Unit Nos: Delco 10480241, 10480411, 10480411
Lester Nos: 8245, 8285
WAI Ref. Nos: 1-2219-01DR

Dim:

Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm

Note: Includes 6-303-4 ball bearing



21-184-1

D.E. Frame w/ Bearing

For: Delco AD230 Series 105A IR/IF Alternators
Used On: (2005-02) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10333165, 10333166, 10442782, 10442783
Lester Nos: 8287, 8288, 8289
WAI Ref. Nos: 1-2416-01DR, 1-2416-02DR

Dim:

Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm

Note: Includes 6-303-4 ball bearing

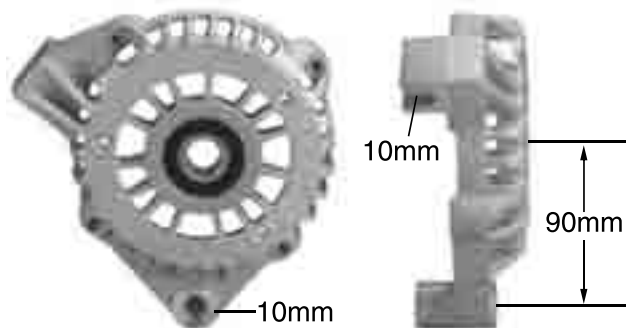
21-184

D.E. Frame

Same as 21-184-1 except...

Note: Without 6-303-4 ball bearing

AD237 Series



21-175-1

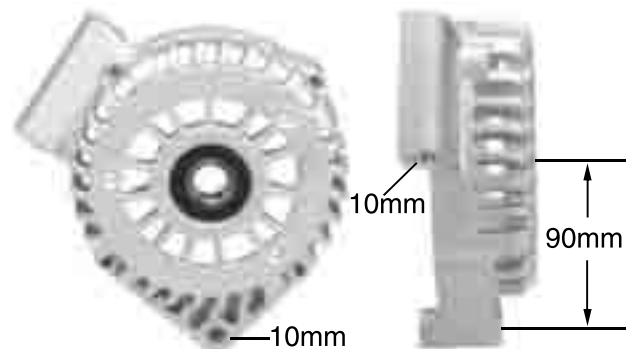
D.E. Frame w/ Bearing

For: Delco AD237 Series IR/IF Alternators
Used On: (2002-99) Oldsmobile
Unit Nos: Delco 10480303, 10480341
Lester Nos: 8241, 8278
WAI Ref. Nos: 1-2199-01DR, 1-2365-01DR

Dim:

Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 43mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 137mm

Note: Includes 6-303-4 ball bearing. Used w/ 22-160 S.R.E. Frame.



21-178-1

D.E. Frame w/ Bearing

For: Delco AD237 Series IR/IF Alternators
Used On: (2002-99) Buick, Pontiac
Unit Nos: Delco 10480244, 10480368, 10480414, 10480428
Lester Nos: 8235, 8244, 8286
WAI Ref. Nos: 1-2198-01DR, 1-2220-01DR

Dim:

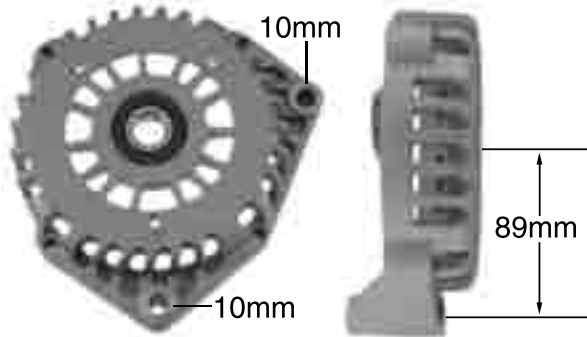
Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 137mm

Note: Includes 6-303-4 ball bearing. Used w/ 22-163 S.R.E. Frame.

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

AD244 Series



21-179-1

D.E. Frame w/ Bearing

For: Delco AD244 Series IR/IF Alternators

Used On: (2001-99) Chevrolet, GMC

Unit Nos: Delco 10480234, 10480390, 15768830

Lester Nos: 8237

WAI Ref. Nos: 1-2419-21DR

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 51mm

Mtg. Foot Hole Size: 10mm

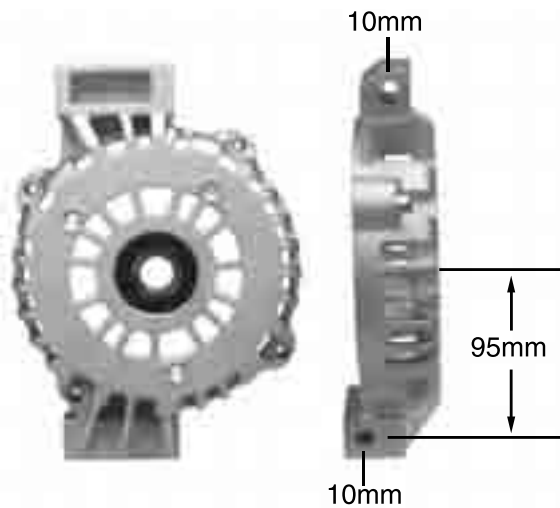
Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 144mm

Stator Bore Depth: 4mm

Note: Includes 6-303-4 ball bearing. Similar to 21-185-1 except 21-185-1 has 6mm stator bore depth.



21-187-1

D.E. Frame w/ Bearing

For: Delco AD244 Series IR/IF Alternators

Used On: (2005-02) Chevrolet, GMC, Oldsmobile

Unit Nos: Delco 10464468, 15062413

Lester Nos: 8290

WAI Ref. Nos: 1-2417-01DR

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 60mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 95mm

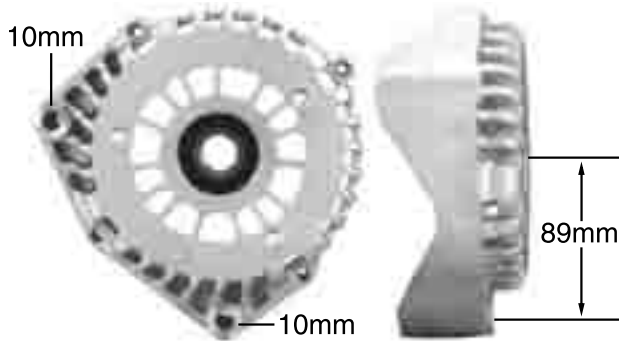
Bearing Bore Dia: 47mm

Stator Bore Dia: 144mm

Stator Bore Depth: 6mm

Note: Includes 6-303-4 ball bearing

ALTERNATOR - FRAMES (D.E., S.R.E.)



21-185-1

D.E. Frame w/ Bearing

For: Delco AD244 Series IR/IF Alternators

Used On: (2005-01) Chevrolet, GMC

Unit Nos: Delco 15750871

Lester Nos: 8237

WAI Ref. Nos: 1-2419-21DR

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 51mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 144mm

Stator Bore Depth: 6mm

Note: Includes 6-303-4 ball bearing. Similar to 21-179-1 except 21-179-1 has 4mm stator bore depth.

CS121 Series



21-115

D.E. Frame

For: Delco CS121 Series IR/EF Alternators

Used On: (1993-87) Buick, Chevrolet, Oldsmobile

Replaces: Delco 10496260, 10496261

Unit Nos: Delco 1102614, 1105697, 10479815

Lester Nos: 7819

Dim:

Mtg. Ear-1 Hole Size: 8mm

Mtg. Ear-1 Thickness: 18mm

Mtg. Ear-2 Hole Size: M8 x 1.25

Mtg. Ear-2 Thickness: 18mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 117mm

Note: Used w/ 6203 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)



21-126
D.E. Frame

For: Delco CS121 Series IR/EF Alternators

Used On: (1990-87) Jeep

Replaces: Delco 10497722, 10497724

Unit Nos: Delco 1101168

Lester Nos: 7873

Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 16mm

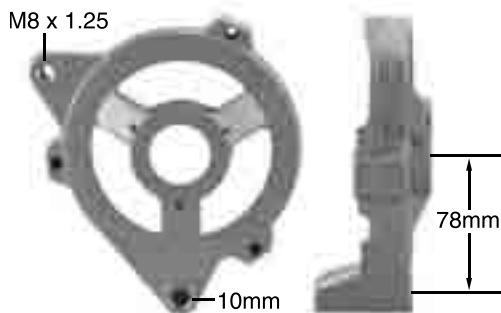
Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 117mm

Note: Used w/ 6203 ball bearing



21-143
D.E. Frame

For: Delco CS121 Series IR/EF Alternators

Used On: (1994) Chevrolet

Replaces: Delco 10475848, Ref# C-3479

Unit Nos: Delco 10463447, 10480067

Lester Nos: 8179

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 19mm

Mtg. Foot Hole Size: 10mm

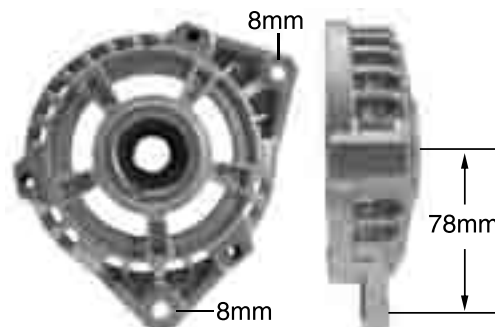
Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 117mm

Note: Used w/ 6203 ball bearing

CS121D Series



21-169-1

D.E. Frame w/ Bearing

For: Delco CS121D Series IR/IF Alternators

Used On: (2002-97) Saturn

Unit Nos: Delco 21023969, 21024727

Lester Nos: 8232

Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 13mm

Mtg. Foot Hole Size: 8mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia.: 47mm

Stator Bore Dia.: 122mm

Note: Includes 6-303-4 ball bearing

CS130 Series (2:00* or Left Mtg. Ear)



21-124

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1995-87) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

Replaces: Delco 10468200, 10476024, 10495358, 10495359, D3454

Unit Nos: Delco 1101110, 111, 253, 254, 255, 293, 317, 318, 500, 521, 582, 599, 600, 614, 615, 616, 617, 620, 628, 629, 632, 633, 637, 645, 646, 647; 1105710, 711, 715; 10479801, 802, 807, 808, 896, 906, 912, 921, 922, 993, 997; 10480028

Lester Nos: 7861, 7917, 7921, 7925, 7974, 7981, 8165

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-146-1.

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

CS130 Series (2:00* or Left Mtg. Ear) (cont'd.)



21-127

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1990-87) Jeep

Replaces: Delco 10468447, 10498213, 10498214

Unit Nos: Delco 1101167, 1101170

Lester Nos: 7897, 7902

Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

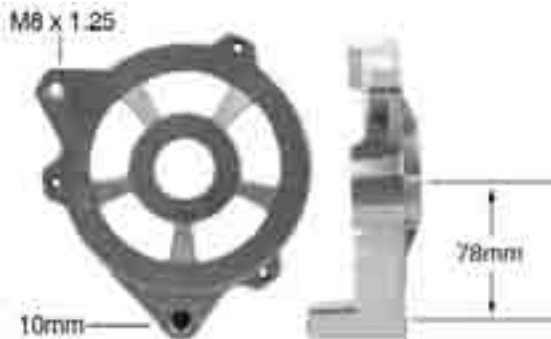
Bearing Bore Dia: 40mm

Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-146

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1996-92) Buick, Chevrolet, GMC, Oldsmobile, Pontiac

Replaces: Delco 10475377, 10476236

Unit Nos: Delco 1101110, 1101111, 10480055, 10480069, 10480082, 10480084, 10480086, 10480087, 10480094, 10480097, 10480099, 10480104

Lester Nos: 7861, 7921, 8165, 8189

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia.: 47mm

Stator Bore Dia.: 126mm

Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-124.

21-146-1

D.E. Frame w/ Bearing

Same as 21-146 except...

Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

CS130 Series (10:00* or Right Mtg. Ear)



21-123

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1995-87) Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac

Replaces: Delco 10473402, 10473937, 10495573, 10496032, 10496033, D3455, D3457

Unit Nos: Delco 1101135, 136, 139, 140, 142, 143, 148, 149, 154, 160, 162, 227, 231, 246, 259, 277, 278, 344, 346, 505, 583, 593, 595, 596, 603, 612, 618, 810, 822, 832, 846; 1102600, 601, 617; 1105694, 698, 722, 725; 10479800, 806, 814, 893, 895, 902, 903, 905, 909, 910, 911, 913, 920, 974, 998; 10480036, 068, 114

Lester Nos: 7859, 7860, 7880, 7883, 8130

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer.

For version w/ 6303 ball bearing use 21-145-1.

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-130
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1994-88) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10499095, 10499096
Unit Nos: Delco 1101101, 1101107, 1101466, 1101467, 1101606, 1102602, 1102603, 10479897, 10480037
Lester Nos: 7910, 7939

Dim:
 Mtg. Ear Hole Size: 8mm
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia: 40mm
 Stator Bore Dia: 126mm
Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer.
 For version w/ 6303 ball bearing use 21-151-1.
Features:
 • Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-142
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-92) Saturn
Unit Nos: Delco 21021447, 21022772, 21023516, 21023702, 21023724

Lester Nos: 8107, 8215
Dim:
 Mtg. Ear Hole Size: 8mm
 Mtg. Ear Thickness: 13mm
 Mtg. Foot Hole Size: 8mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia.: 47mm
 Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. 21-142 replaces OE D.E. frame w/ 6203 bearing.

21-142-1
D.E. Frame w/ Bearing

Same as 21-142 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



21-145
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1995-93) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10476292, 10476293
Unit Nos: Delco 1101139, 1101140, 1101142, 1101143, 1101148, 1101149, 10480105, 10480115, 10480134, 10480136, 10480137
Lester Nos: 7860, 7880, 8130, 8169

Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia.: 47mm
 Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.
 For version requiring 6203 bearing use 21-123.



21-148
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1995-93) Chevrolet, Pontiac
Replaces: Delco 10474599*, 10477537
Unit Nos: Delco 1101644*, 10480157
Lester Nos: 8114, 8217
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 14mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia.: 47mm
 Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.
 *21-148 replaces OE D.E. frame w/ 6203 bearing.

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

CS130 (10:00* or Right Mtg. Ear) (cont'd.)

21-148-1

D.E. Frame w/ Bearing

Same as 21-148 except...

Note: Includes 6-303-4 ball bearing.
Requires 46-1618 rotor spacer.

*21-148-1 replaces OE D.E. frame w/ 6203 bearing



21-151

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Replaces: Delco 10477164, 10477165

Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia.: 47mm

Stator Bore Dia.: 126mm

Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.

For version requiring 6203 bearing use 21-130.

21-151-1

D.E. Frame w/ Bearing

Same as 21-151 except...

Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



21-152

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1998-94) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10475909, 10475910

Unit Nos: Delco 10480025, 10480172, 10480181, 10480265

Lester Nos: 8171, 8198, 8202, 8225

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Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia.: 47mm

Stator Bore Dia.: 126mm

Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.

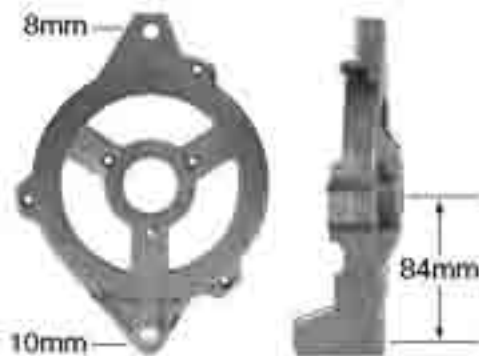
21-152-1

D.E. Frame w/ Bearing

Same as 21-152 except...

Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

CS130 Series (12:00 Mtg. Ear)



21-117

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1991-86) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10496671, 10496672, D3459

Unit Nos: Delco 1101127, 146, 158, 179, 181, 186, 229, 264, 272, 273, 275, 292, 601; 1105678

Lester Nos: 7803, 7804, 7808, 7888

Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 84mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer.

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-118
D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1993-86) Buick, Chevrolet, GMC, Oldsmobile, Pontiac

Replaces: Delco 1989631, 1989634, 10468201, D3453

Unit Nos: Delco 1101125, 126, 137, 138, 141, 150, 151, 184, 464, 465, 571, 619, 621, 630, 634, 635, 636, 806, 807, 812, 814, 815; 1102629, 630, 631; 1105612, 661, 662, 663, 664, 665, 667, 671, 672, 688, 712, 716, 718, 720; 10479874, 883

Lester Nos: 7802, 7807, 7820, 7858, 7867, 7894, 7977

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 84mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-149-1.

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-119
D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1992-86) Buick, Oldsmobile, Pontiac

Replaces: Delco 10495814, 10495816, D3456

Unit Nos: Delco 1101123, 1101124, 1101144, 1101145, 1101190, 1101475, 1101608, 1105669, 1105670, 10479898, 10479937, 10479938

Lester Nos: 7801, 7870, 7872

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 78mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 126mm

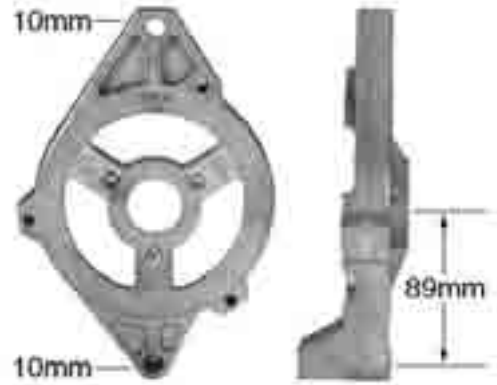
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Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-163-1.

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-128
D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1993-88) Buick, Oldsmobile, Pontiac

Replaces: Delco 10499700, D3179

Unit Nos: Delco 1101310, 1101577, 1101649, 1101650,

1102604, 1102607, 10479901, 10479962, 10480027, 10480040

Lester Nos: 7914, 7964

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 20mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-139-1.

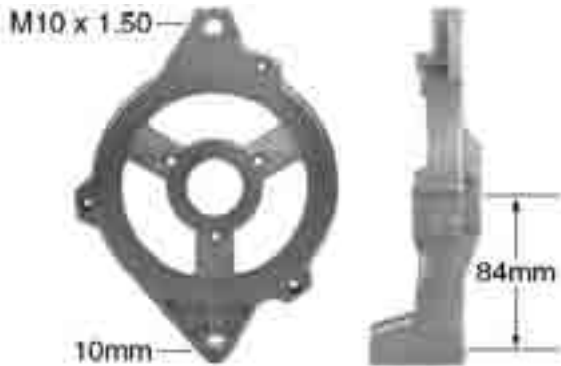
Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

CS130 Series (12:00 Mtg. Ear) (cont'd.)



21-135

D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1993-90) Chevrolet Truck, GMC Truck
Replaces: Delco 10467239, 10467240
Unit Nos: Delco 1101478, 1101480
Lester Nos: 7945, 7960

Dim:

Mtg. Ear Hole Size: M10 x 1.50
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 84mm
 Bearing Bore Dia: 40mm
 Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-150-1.

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-137

D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1993-88) Buick, Eagle, Oldsmobile, Pontiac
Replaces: Delco 10468448, 10473393
Unit Nos: Delco 1101173, 1101271, 1101642, 10480035
Lester Nos: 8137, 8154

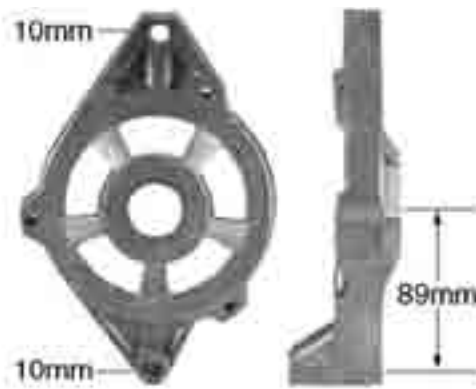
Dim:

Mtg. Ear Hole Size: 8mm
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia: 40mm
 Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-139

D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1996-91) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10473705, 10473707, 10476412
Unit Nos: Delco 10479954, 10480098, 10480127
Lester Nos: 7903, 8103

Dim:

Mtg. Ear Hole Size 10mm
 Mtg. Ear Thickness 20mm
 Mtg. Foot Hole Size 10mm
 Mtg. Foot to Bearing Center 89mm
 Bearing Bore Dia. 47mm
 Stator Bore Dia. 126mm

Note: Used w/ 6303 bearing, requires 46-1511 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-128.

21-139-1

D.E. Frame w/ Bearing

Same as 21-139 except...

Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



21-147

D.E. Frame

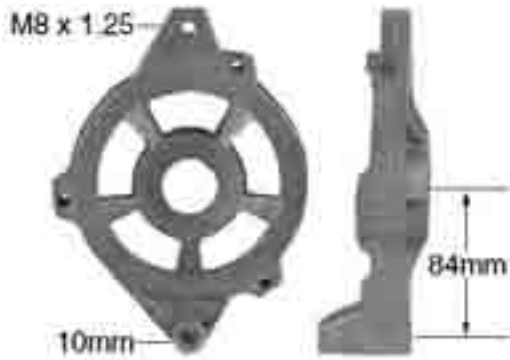
For: Delco CS130 Series IR/EF Alternators
Used On: (1992-88) Dodge, Eagle; Freightliner
Replaces: Delco 10468449*, 10469671, 10469874, 10477072
Unit Nos: Delco 1101266*, 1101267*, 1101638, 1102644*, 10479969, 10479976
Lester Nos: 7687, 7973

Dim:

Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia.: 47mm
 Stator Bore Dia.: 126mm

Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer.

*21-147 replaces OE D.E. frame w/ 6203 bearing.



21-149
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-94) Chevrolet, GMC
Replaces: Delco 10476367, 10476368
Unit Nos: Delco 1101125, 1101126, 1101137, 1101138, 1101141, 10480083, 10480085, 10480088, 10480089, 10480090, 10480091, 10480092
Lester Nos: 7802, 7858, 7867, 7894, 8166, 8167
Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 84mm
 Bearing Bore Dia.: 47mm
 Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-118.

21-149-1
D.E. Frame w/ Bearing

Same as 21-149 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

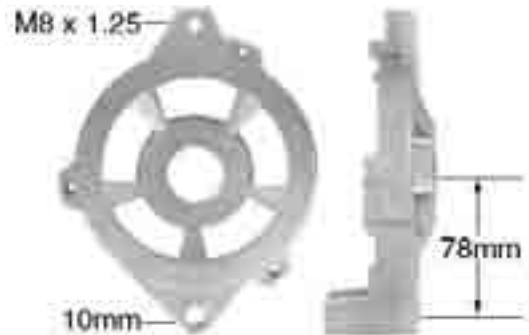


21-150
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10476370, 10476371
Unit Nos: Delco 10480093
Lester Nos: 7960
Dim:
 Mtg. Ear Hole Size: M10 x 1.50
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 84mm
 Bearing Bore Dia.: 47mm
 Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-135.

21-150-1
D.E. Frame w/ Bearing

Same as 21-150 except...
Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.



21-163
D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1992-86) Buick, Oldsmobile, Pontiac
Replaces: Delco 10495814, 10495816, D3456
Unit Nos: Delco 1101123, 1101124, 1101144, 1101145, 1101190, 1101475, 1101608, 1105669, 1105670, 10479898, 10479937, 10479938
Lester Nos: 7801, 7870, 7872
Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia.: 47mm
 Stator Bore Dia.: 126mm
Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-119.

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

CS130 Series (3-Mtg. Ears)



21-125

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1992-87) Buick, Chevrolet, Oldsmobile

Replaces: Delco 10496336, 10496337, D3458

Unit Nos: Delco 1101191, 1101461, 1101605, 1105701, 10479963

Lester Nos: 7886, 7933

Dim:

Mtg. Ear-1 Hole Size: 8mm
 Mtg. Ear-1 Thickness: 18mm
 Mtg. Ear-2 Hole Size: M8 x 1.25
 Mtg. Ear-2 Thickness: 18mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia: 40mm
 Stator Bore Dia: 126mm

Note: Used w/ 6203 ball bearing, requires 46-1602-2 rotor spacer. For version w/ 6303 ball bearing use 21-164-1.

Features:

- Allows use of either snap-on bearing retainer (46-1507) or bearing retainer & screws (46-1505, 84-1351)



21-164

D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1992-87) Buick, Chevrolet, Oldsmobile

Replaces: Delco 10496336, 10496337, D3458

Unit Nos: Delco 1101191, 1101461, 1101605, 1105701, 10479963

Lester Nos: 7886, 7933

(cont'd.)

(cont'd.)

Dim:

Mtg. Ear-1 Hole Size: 8mm
 Mtg. Ear-1 Thickness: 18mm
 Mtg. Ear-2 Hole Size: M8 x 1.25
 Mtg. Ear-2 Thickness: 18mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 78mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 126mm

Note: Used w/ 6303 bearing, requires 46-1570 bearing retainer, 46-1618 rotor spacer. For version requiring 6203 bearing use 21-125.

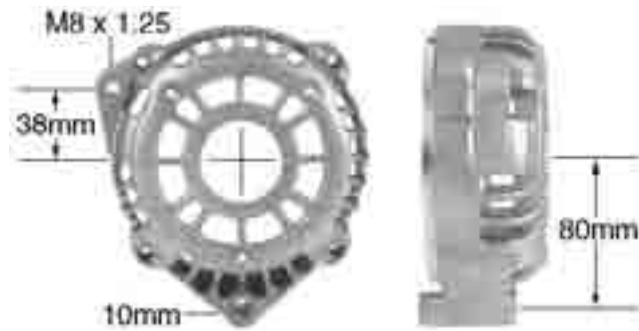
21-164-1

D.E. Frame w/ Bearing

Same as 21-164 except...

Note: Includes 6-303-4 ball bearing. Requires 46-1618 rotor spacer.

CS130D Series (2:00-3:00* or Left Mtg. Ear)



21-155

D.E. Frame

For: Delco CS130D Series IR/IF Alternators

Used On: (2002-94) Chevrolet, GMC, Isuzu, Oldsmobile

Unit Nos: Delco 10479981, 10479984, 10480017, 10480072, 10480187, 10480188, 10480189, 10480190, 10480252

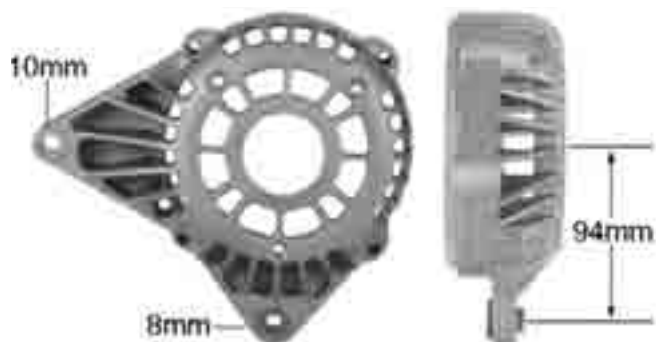
Lester Nos: 8160, 8233

WAI Ref. Nos: 1-1802-21DR, 1-1802-31DR, 1-1802-42DR, 1-2175-31DR

Dim:

Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 80mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm

Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.



21-158
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-95) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480182, 10480218, 10480240, 10480260, 10480262, 10480264, 10480301, 10480307, 10480351, 10480354, 10480378
Lester Nos: 8200, 8224
WAI Ref. Nos: 1-1985-01DR, 1-2070-01DR, 1-2070-02DR, 1-2290-01DR

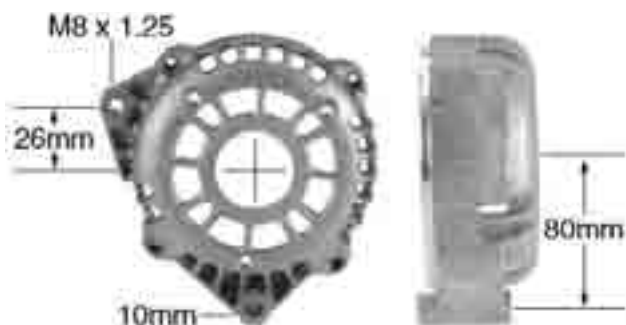
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 22mm
 Mtg. Foot Hole Size: 8mm
 Mtg. Foot to Bearing Center: 94mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm

Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

Components:
 46-1565 Mounting Bushing

21-158-1
D.E. Frame w/ Bearing

Same as 21-158 except...
Note: Includes 6-303-4 ball bearing.



21-160
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-96) Chevrolet, Pontiac
Unit Nos: Delco 10480076, 10480078, 10480289, 10480321, 10480361
Lester Nos: 8199, 8208
WAI Ref. Nos: 1-2019-11DR, 1-2043-11DR

Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 80mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm

Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.



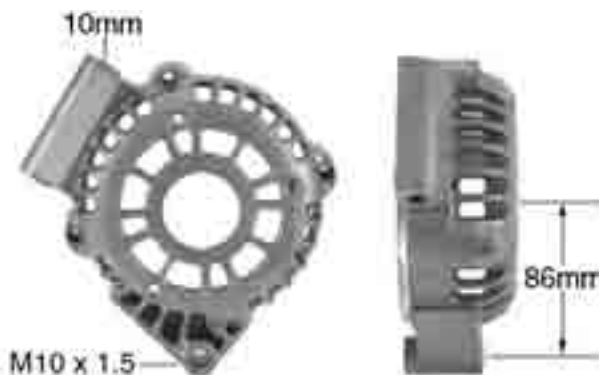
21-161
D.E. Frame

For: Delco CS130D Series 105A* IR/IF Alternators
Used On: (1999-96) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480079, 10480322
Lester Nos: 8197
WAI Ref. Nos: 1-2020-01DR

Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 86mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm

Note: Used w/ 6303 ball bearing, 27-137 stator & 46-1510 bearing retainer.

*Stator bore depth 24.5mm. Similar to 21-172 except 21-172 has stator bore depth 25.5mm for 102 Amp alternators.



21-170
D.E. Frame

For: Delco CS130D Series 102*A IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile
Unit Nos: Delco 10480299, 10480317, 10480318
Lester Nos: 8230, 8249
WAI Ref. Nos: 1-2135-01DR, 1-2222-01DR, 1-2322-01DR

Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: M10 x 1.5
 Mtg. Foot to Bearing Center: 86mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 25.5mm

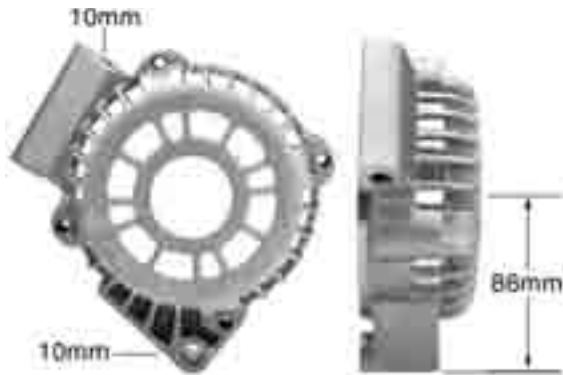
Note: Used w/ 6303 ball bearing, 27-142 stator & 46-1510 bearing retainer.

*Stator bore depth 25.5mm. Similar to 21-182-1 except 21-182-1 has stator bore depth 24.5mm for 105 Amp alternators.

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

CS130D (2:00-3:00* or Left Mtg. Ear) (cont'd.)



21-172

D.E. Frame

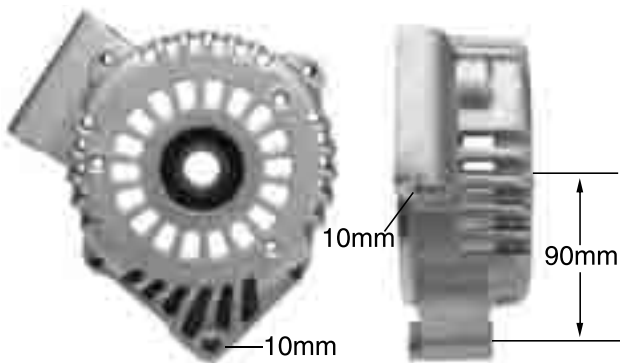
For: Delco CS130D Series 102*A IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480184, 10480207, 10480320
Lester Nos: 8228, 8229
WAI Ref. Nos: 1-2069-01DR, 1-2071-01DR

Dim:

Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 86mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 25.5mm

Note: Used w/ 6303 ball bearing, 27-142 stator & 46-1510 bearing retainer.

*Stator bore depth 25.5mm. Similar to 21-161 except 21-161 has stator bore depth 24.5mm for 105 Amp alternators.



21-174-1

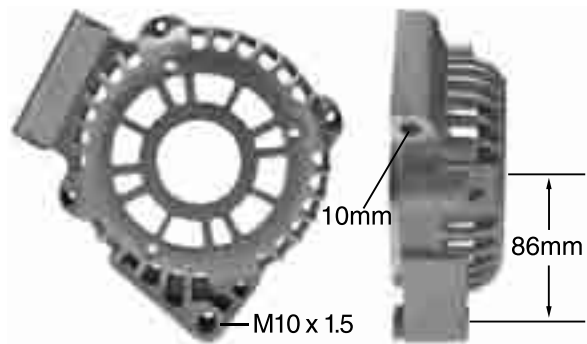
D.E. Frame w/ Bearing

For: Delco CS130D Series 102, 110A IR/IF Alternators
Used On: (2003-99) Buick, Chevrolet, Pontiac
Unit Nos: Delco 10437987, 10437988, 10480292, 10480330, 10480331, 10480346, 10480348, 10480352
Lester Nos: 8234, 8243
WAI Ref. Nos: 1-2213-01DR, 1-2213-02DR, 1-2214-01DR, 1-2214-02DR

Dim:

Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 25.5mm

Note: Includes 6-303-4 ball bearing.



21-182

D.E. Frame

For: Delco CS130D Series 105*A IR/IF Alternators
Used On: (2000-99) Oldsmobile, Pontiac
Unit Nos: Delco 10480332, 10480336
Lester Nos: 8230
WAI Ref. Nos: 1-2135-01DR, 1-2322-01DR

Dim:

Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 74mm
 Mtg. Foot Hole Size: M10 x 1.5
 Mtg. Foot to Bearing Center: 86mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm

Note: Used w/ 6303 ball bearing, 27-137 stator & 46-1510 bearing retainer.

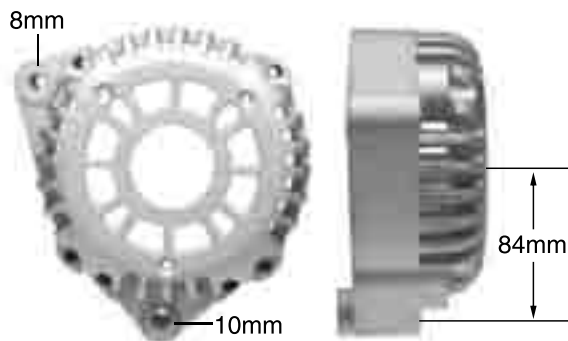
*Stator bore depth 24.5mm. Similar to 21-170-1 except 21-170-1 has stator bore depth 25.5mm for 102 Amp alternators.

21-182-1

D.E. Frame w/ Bearing

Same as 21-182 except...

Note: Includes 6-303-4 ball bearing.



21-188

D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-97) Acura, Honda
Unit Nos: Delco 10480228, 10463963, 10464417; Honda 31100-P8A-A01, -A02
Lester Nos: 8220
WAI Ref. Nos: 1-2058-11DR

Dim:

Mtg. Ear Hole Size: 8mm
 Mtg. Ear Thickness: 35mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 84mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm

ALTERNATOR - FRAMES, D.E. (21-)

CS130D Series (10:00* or Right Mtg. Ear)

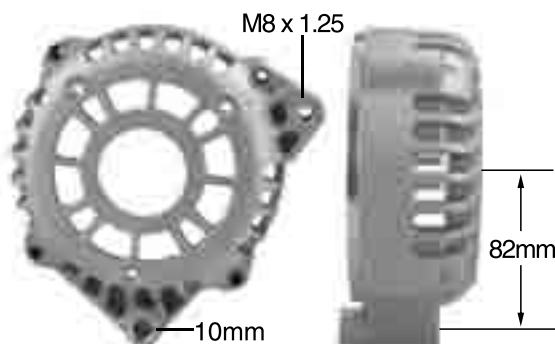


21-153
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-93) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480052, 071, 119, 195, 196, 217, 233, 235, 236, 237, 238, 259, 263, 353
Lester Nos: 8155, 8156, 8222
WAI Ref. Nos: 1-1797-01DR, 1-1797-02DR, 1-1799-01DR, 1-1799-02DR, 1-2068-01DR
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 14mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

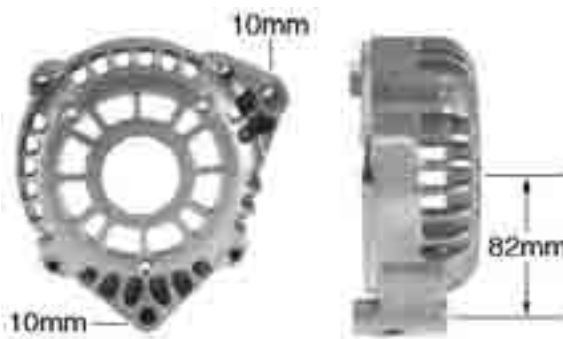
21-153-1
D.E. Frame w/ Bearing

Same as 21-153 except...
Note: Includes 6-303-4 ball bearing.



21-157
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1995) Chevrolet, Pontiac
Replaces: Delco 10477149, Ref# C-6021
Unit Nos: Delco 10463605, 10480074
Lester Nos: 8190
WAI Ref. Nos: 1-1986-41DR
Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 24mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 82mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.



21-159
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2005-96) Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile
Unit Nos: Delco 10480167, 10480168, 10480170, 10480198, 10480251, 10480254
Lester Nos: 8206, 8216, 8227, 8231
WAI Ref. Nos: 1-1995-21DR, 1-1995-22DR, 1-2042-21DR, 1-2156-21DR
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 51mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 82mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
 Stator Bore Depth: 24.5mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

CS130D Series (3-Mtg. Ears)



21-171
D.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (1998-97) Buick
Unit Nos: Delco 10480191, 10480250
Lester Nos: 8223
WAI Ref. Nos: 1-2067-31DR
Dim:
 Mtg. Ear Hole-1 Size: 10mm
 Mtg. Ear Thickness: 20mm
 Mtg. Ear Hole-2 Size: 10mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 86mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing & 46-1510 bearing retainer.

ALTERNATOR - FRAMES (D.E., S.R.E.)

*Viewed from slip ring end of alternator

ALTERNATOR - FRAMES, D.E. (21-)

DELCO

CS130D Series (3-Mtg. Ears) (cont'd.)

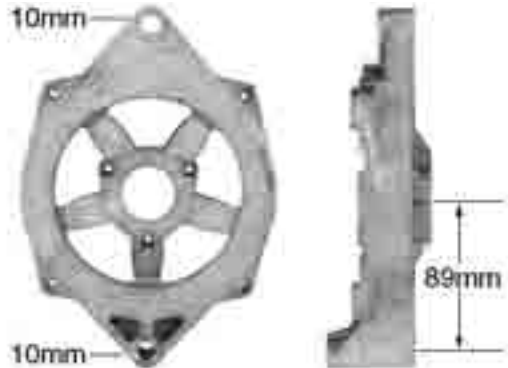
21-171-1

D.E. Frame w/ Bearing

Same as 21-171 except...

Note: Includes 6-303-4 ball bearing.

CS144 Series



21-120

D.E. Frame

For: Delco CS144 Series IR/EF Alternators

Used On: (1995-86) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 1989601, 10470800, D3449, D3462

Unit Nos: Delco 1101182, 183, 237, 238, 250, 274, 316, 325, 326, 331, 349, 454, 566, 567, 573, 597, 604, 849; 1105615, 616, 684, 685; 10479838, 843, 844, 853, 854, 855, 904, 907; 10480131

Lester Nos: 7805, 7864, 8119

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 20mm

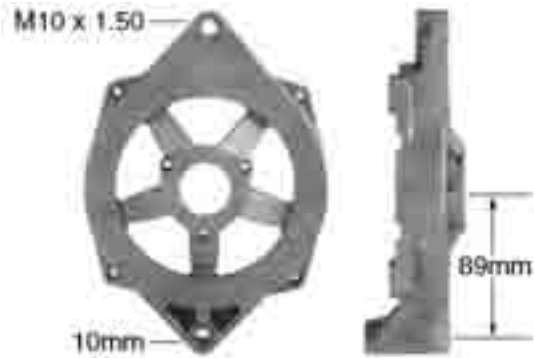
Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 144mm

Note: Used w/ 6203 ball bearing



21-121

D.E. Frame

For: Delco CS144 Series IR/EF Alternators

Used On: (1995-86) Buick, Cadillac, Chevrolet, GMC, Oldsmobile

Replaces: Delco 1989709, D3450

Unit Nos: Delco 1101133, 212, 213, 214, 239, 270, 294, 295, 296, 329, 330, 350, 482, 486, 487, 490, 491, 493, 518, 519, 574, 591, 805; 1102634, 637, 639, 641, 642, 643; 1105625, 626, 657; 10479809, 836, 839, 847, 959

Lester Nos: 7806, 7812, 7813, 7863, 7901, 7904, 7942, 7959

Dim:

Mtg. Ear Hole Size: M10 x 1.50

Mtg. Ear Thickness: 20mm

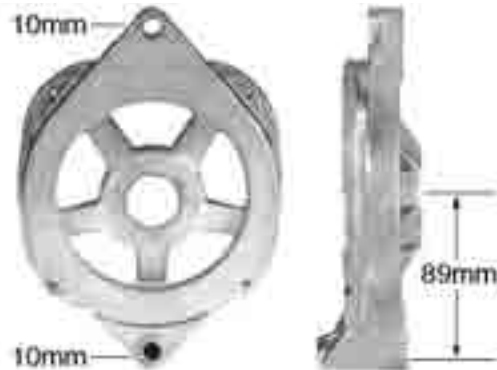
Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 144mm

Note: Used w/ 6203 ball bearing



21-140

D.E. Frame

For: Delco CS144 Series IR/EF Alternators

Used On: (1997-91) Buick, Cadillac, Chevrolet, Chevrolet Truck, GMC Truck, Oldsmobile, Pontiac

Replaces: Delco 10471339, D3463

Unit Nos: Delco 1101590, 844; 1102605, 616, 625; 10479891, 966; 10480010, 011, 018, 022, 023, 026, 033, 034, 111, 120, 171, 201, 203, 269

Lester Nos: 7678, 7684, 7984, 7985, 8112, 8136, 8172, 8183, 8191, 8192

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 20mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 144mm

Note: Used w/ 6303 ball bearing



21-141
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (2002-91) Cadillac, Chevrolet, GMC, Oldsmobile
Replaces: Delco 10470419, D3465
Unit Nos: Delco 1101578, 579, 818, 819, 847, 850; 10479817, 852, 995, 996; 10480008, 009, 012, 019, 024, 048, 116, 122, 138, 139, 177, 200, 202, 282, 296, 297, 310, 311
Lester Nos: 7966, 7969, 8113, 8127, 8134, 8163, 8170, 8173, 8175, 8188, 8214, 8218, 8226
Dim:
 Mtg. Ear Hole Size: M10 x 1.50
 Mtg. Ear Thickness: 20mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing

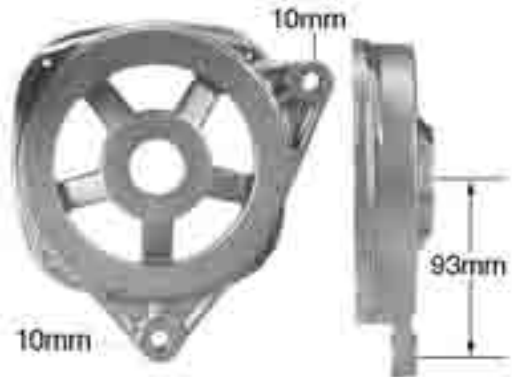


21-156
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-95) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10487578
Unit Nos: Delco 10480135, 10480186, 10480204, 10480205, 10480227, 10480278, 10480279, 10480363
Lester Nos: 8174, 8193, 8194, 8213
Dim:
 Mtg. Ear-1 Hole Size: 10mm
 Mtg. Ear-1 Thickness: 20mm
 Mtg. Ear-2 Hole Size: 10mm
 Mtg. Ear-2 Thickness: 22mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing

21-156-1
D.E. Frame w/ Bearing

Same as 21-156 except...
Note: Includes 6-303-4 ball bearing



21-166
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1998-96) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10489792
Unit Nos: Delco 10480077, 10480211
Lester Nos: 8204
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear-1 Thickness: 14mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 93mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing



21-167
D.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (2000-96) Cadillac, Chevrolet, GMC
Replaces: Delco 10477422
Unit Nos: Delco 10480130, 10480133, 10480156, 10480192, 10480206, 10480255, 10480267
Lester Nos: 8203, 8209, 8219, 8221
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear-1 Thickness: 51mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 144mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

1G (Small Frame), 2G Series



21-201

D.E. Frame

For: Ford 1G Series 40-65A ER/EF; 2G Series 40-75A IR/EF Alternators

Used On: (1994-81) Ford, Lincoln, Mercury

Replaces: Ford E6DZ-10333-C, GD-359, GD-359-B

Lester Nos: 7083, 7084, 7088, 7720, 7731, 7732

Dim:

Mtg. Ear Hole Size: 3/8-16

Mtg. Ear Thickness: 16mm

Mtg. Foot Hole Size: 7/16"

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 133mm

Note: 3-1/2" dia. cooling windows.

Used w/ 6203 ball bearing.

Similar to 21-210 except 21-210 has 4" dia. cooling windows.



21-208

D.E. Frame

For: Ford 2G Series 75-80A IR/EF Alternators

Used On: (1991-90) Ford

Replaces: Ford F09Z-10333-A, GD-380

Unit Nos: Ford F09F-10300-AA, F09F-10300-BA, F0PF-10346-AA, F0PF-10346-BA, F0PZ-10346-A, F0PZ-10346-B

Lester Nos: 7746

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 55mm

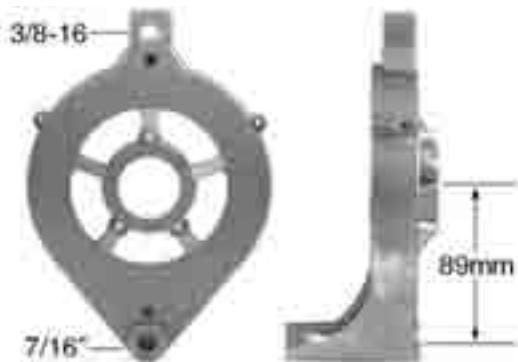
Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 88mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 133mm

Note: Used w/ 6203 ball bearing



21-203

D.E. Frame

For: Ford 1G Series 40-65A ER/EF; 2G Series 40-75A IR/EF Alternators

Used On: (1994-73) AMC, Ford, Jeep, Lincoln, Mercury

Replaces: Ford C5AZ-10333-A, E6AZ-10333-A, GD-309, GD-324-B, GD-364

Lester Nos: 7058, 7067, 7076, 7078, 7706, 7716, 7735, 7738

Dim:

Mtg. Ear Hole Size: 3/8-16

Mtg. Ear Thickness: 21mm

Mtg. Foot Hole Size: 7/16"

Mtg. Foot to Bearing Center: 89mm

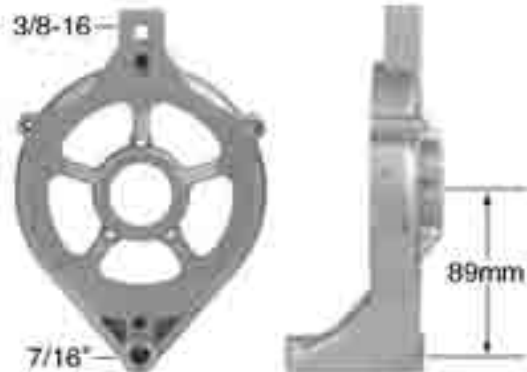
Bearing Bore Dia: 40mm

Stator Bore Dia: 133mm

Note: 3-1/2" dia. cooling windows.

Used w/ 6203 ball bearing.

Similar to 21-209 except 21-209 has 4" dia. cooling windows.



21-209

D.E. Frame

For: Ford 2G Series 80A IR/EF Alternators

Used On: (1992-87) Ford

Replaces: Ford E99Z-10333-A, GD-377

Unit Nos: Ford E9PZ-10346-B, F0PZ-10346-E

Lester Nos: 7745

Dim:

Mtg. Ear Hole Size: 3/8-16

Mtg. Ear Thickness: 21mm

Mtg. Foot Hole Size: 7/16"

Mtg. Foot to Bearing Center: 89mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 133mm

Note: 4" dia. cooling windows.

Used w/ 6203 ball bearing.

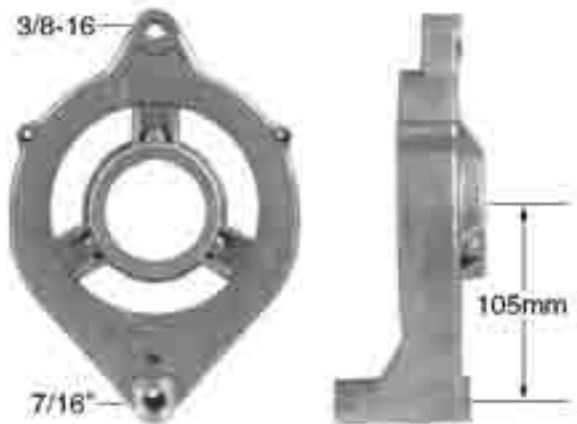
Similar to 21-203 except 21-203 has 3-1/2" dia. cooling windows.

ALTERNATOR - FRAMES, D.E. (21-)



21-210
D.E. Frame

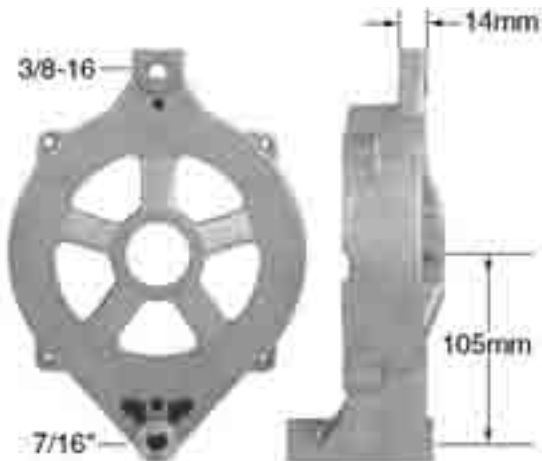
For: Ford 2G Series 80A IR/EF Alternators
Used On: (1992-87) Ford, Mercury
Replaces: Ford E8FZ-10333-A, GD-373
Unit Nos: Ford E9PZ-10346-C, -D; F0PZ-10346-F
Lester Nos: 7744
Dim:
 Mtg. Ear Hole Size: 3/8-16
 Mtg. Ear Thickness: 16mm
 Mtg. Foot Hole Size: 7/16"
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 40mm
 Stator Bore Dia: 133mm
Note: 4" dia. cooling windows.
 Used w/ 6203 ball bearing.
 Similar to 21-201 except 21-201 has 3-1/2" dia. cooling windows.



21-204
D.E. Frame

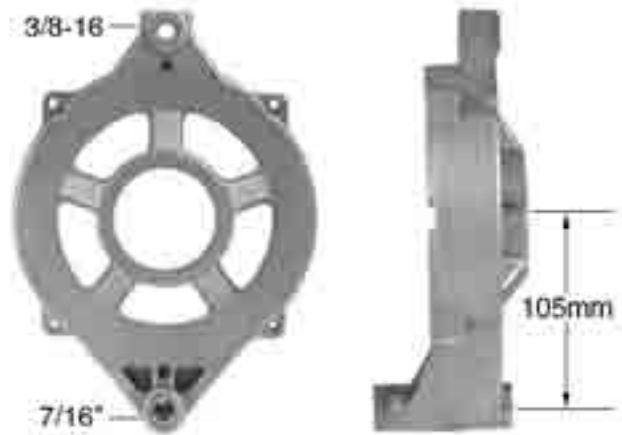
For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D4HZ-10333-A, GD-351
Unit Nos: Ford D2TF-10300-HA, D4HF-10300-BA, D4HF-10346-BA, D4HZ-10346-B, D4TF-10300-BA, D4TF-10300-CA, D4TF-10346-BA, D4TZ-10346-B
Lester Nos: 7068, 7069, 7080
Dim:
 Mtg. Ear Hole Size: 3/8-16
 Mtg. Ear Thickness: 23mm
 Mtg. Foot Hole Size: 7/16"
 Mtg. Foot to Bearing Center: 105mm
 Bearing Bore Dia: 62mm
 Stator Bore Dia: 155mm
Note: Used w/ 6305 ball bearing

1G Series (Large Frame)



21-202
D.E. Frame

For: Ford 1G Series 70-100A ER/EF Alternators
Used On: (1992-73) Ford, Lincoln, Mercury
Replaces: Ford D3VY-10333-A, GD-323-A
Lester Nos: 7072, 7074, 7705
Dim:
 Mtg. Ear Hole Size: 3/8-16
 Mtg. Ear Thickness: 14mm
 Mtg. Foot Hole Size: 7/16"
 Mtg. Foot to Bearing Center: 105mm
 Bearing Bore Dia: 40mm
 Stator Bore Dia: 161mm
Note: Used w/ 6203 ball bearing.
 Similar to 21-207 except 21-207 has 27mm thick mtg. ear.



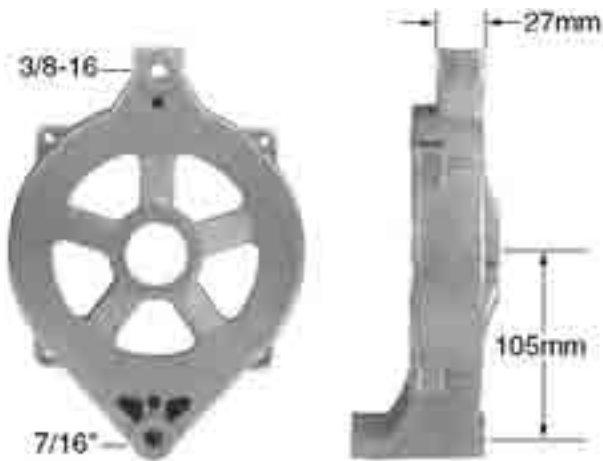
21-205
D.E. Frame

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E2HZ-10333-A, GD-360
Unit Nos: Ford E2HZ-10346-B, -C, -D, -E; F0HZ-10346-A, -B, -C, -D, -E, -F
Lester Nos: 7712
Dim:
 Mtg. Ear Hole Size: 3/8-16
 Mtg. Ear Thickness: 23mm
 Mtg. Foot Hole Size: 7/16"
 Mtg. Foot to Bearing Center: 105mm
 Bearing Bore Dia: 62mm
 Stator Bore Dia: 161mm
Note: Used w/ 6305 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

1G Series (Large Frame) (cont'd.)



21-207
D.E. Frame

For: Ford 1G Series 100A ER/EF Alternators
Used On: (1991-88) Ford, Lincoln, Mercury
Replaces: Ford E8OZ-10333-A, GD-369
Unit Nos: Ford E8PZ-10346-B, E9PZ-10346-E
Lester Nos: 7742

Dim:
 Mtg. Ear Hole Size: 3/8-16
 Mtg. Ear Thickness: 27mm
 Mtg. Foot Hole Size: 7/16"
 Mtg. Foot to Bearing Center: 105mm
 Bearing Bore Dia: 40mm
 Stator Bore Dia: 161mm
Note: Used w/ 6203 ball bearing.
 Similar to 21-202 except 21-202 has 14mm thick mtg. ear.

3G Series (Small Frame)



21-211
D.E. Frame

For: Ford 3G Series 90-95A IR/IF Alternators
Used On: (1996-89) Ford, Mercury
Unit Nos: Ford E9DZ-10346-B; F0DZ-10346-A, -D;
 F13Z-10346-A, F1SZ-10346-A, F2UZ-10346-C, F6PZ-10346-HA
Lester Nos: 7755
 (cont'd.)

(cont'd.)

Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 21mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm
 Frame OD: 135mm
Note: Used w/ 6303 ball bearing



21-212
D.E. Frame

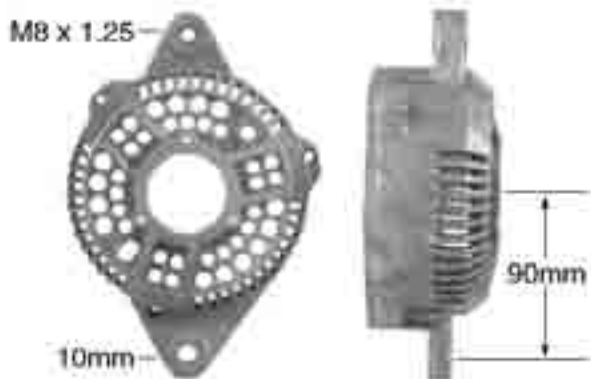
For: Ford 3G Series 85-95A IR/IF Alternators
Used On: (1997-90) Ford, Ford Truck, Lincoln
Unit Nos: Ford F0PU-10346-NC, F0VF-10300-AA,
 F0VU-10300-AA, F0VU-10300-AB, F0VU-10300-AC,
 F0VY-10346-A, F0VY-10346-B, F1HT-10300-AA,
 F1HT-10300-AB, F1HT-10300-AC, F1PU-10346-DA,
 F1SU-10300-BA, F29U-10300-AB, F2HZ-10346-B,
 F2PU-10346-FC, F2UU-10300-CD, F2UU-10346-CD,
 F3HT-10300-GB, F5HT-10300-AA, F5HZ-10346-D,
 F69U-10300-AA, F6PZ-10346-KA, F6PZ-10346-PA,
 F6UU-10300-BA
Lester Nos: 7749, 7758
Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 21mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm
 Frame OD: 135mm
Note: Used w/ 6303 ball bearing



21-213
D.E. Frame

For: Ford 3G Series 95A IR/IF Alternators
Used On: (2005-91) Ford, Mazda, Mercury
Unit Nos: Ford F07F-10300-AA, F07U-10300-AA, F07U-10300-AB, F07U-10300-AC, F07U-10346-AC, F0PU-10346-BD, F17U-10300-AA, F1PU-10346-CA, F1TZ-10346-B, F1TZ-10346-C, F57U-10300-AA, F67U-10300-AA, F67U-10300-BA, F6PZ-10346-LA, F7CU-10300-AB, F7PU-10346-JA, F7PZ-10346-JA
Lester Nos: 7750, 7794

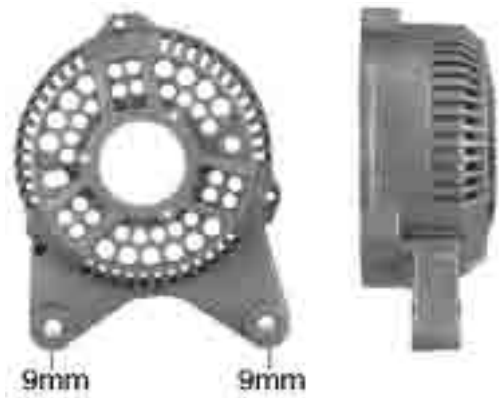
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 55mm
 Mtg. Foot-1 Hole Size: 10mm
 Mtg. Foot-2 Hole Size: 13mm
 Mtg. Foot to Bearing Center: 88mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm
 Frame OD: 135mm
Note: Used w/ 6303 ball bearing



21-214
D.E. Frame

For: Ford 3G Series 75-95A IR/IF Alternators
Used On: (1996-91) Ford, Mercury
Unit Nos: Ford F0CZ-10346-A, -C; F23Z-10346-A, F6PZ-10346-UA
Lester Nos: 7751, 7760

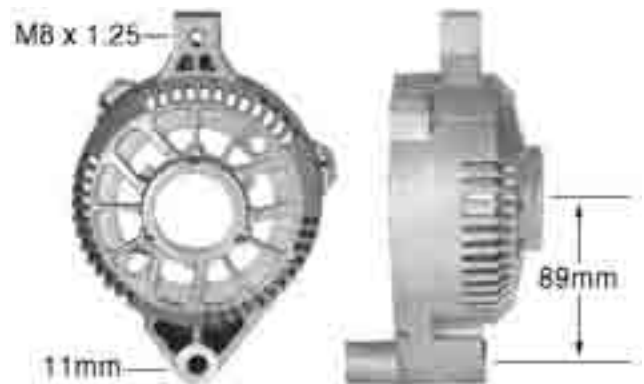
Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 18mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm
 Frame OD: 135mm
Note: Used w/ 6303 ball bearing.
 Similar to 21-227 except 21-227 has 8mm unthreaded mtg. ear.



21-216
D.E. Frame

For: Ford 3G Series 95A IR/IF Alternators
Used On: (2005-91) Ford, Lincoln, Mercury
Unit Nos: Ford F1VY-10346-A, -B; F6PZ-10346-RA
Lester Nos: 7753, 7790

Dim:
 Mtg. Foot-1 Hole Size: 9mm
 Mtg. Foot-1 to Bearing Center: 99mm
 Mtg. Foot-2 Hole Size: 9mm
 Mtg. Foot-2 to Bearing Center: 106mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm
 Frame OD: 135mm
Note: Used w/ 6303 ball bearing



21-225
D.E. Frame

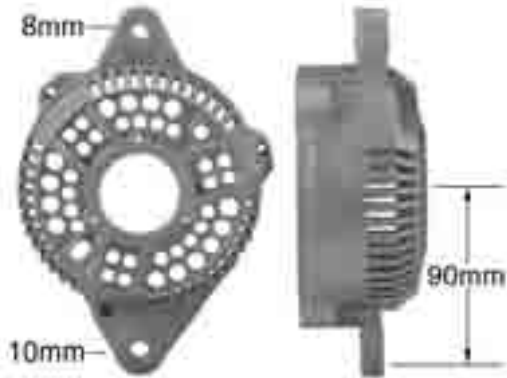
For: Ford 3G Series 95A IR/IF Alternators
Used On: Ford Truck
Unit Nos: Ford F5PU-10300-GA, F5PZ-10346-GA, F6HT-10300-LA, F6PU-10346-SA, F6UZ-10346-SA
Lester Nos: 7785

Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 21mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 129mm
 Frame OD: 135mm
Note: Requires 24-2265 pulley with recessed back. Used w/ 10-3032-4 extra wide front bearing to prevent premature bearing failure due to excessive force of the main drive belt load on medium & heavy-duty Ford trucks. See Ford Service Bulletin, Article 95-17-13.

ALTERNATOR - FRAMES, D.E. (21-)

FORD

3G Series (Small Frame) (cont'd.)



21-227

D.E. Frame

For: Ford 3G Series 75A IR/IF Alternators

Used On: (2000-97) Ford, Mercury

Unit Nos: Ford F7CU-10300-CB, F7CZ-10346-CB, F7PU-10346-CB

Lester Nos: 7793

Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 18mm

Mtg. Foot Hole Size: 10mm

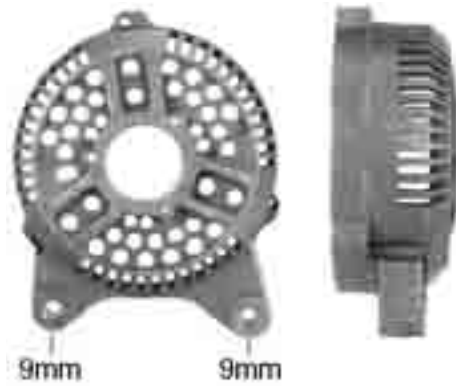
Mtg. Foot to Bearing Center: 90mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 129mm

Frame OD: 135mm

Note: Similar to 21-214 except 21-214 has M8 x 1.25 threaded mtg. ear



21-217

D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators

Used On: (2005-92) Ford, Lincoln, Mercury

Unit Nos: Ford F3AZ-10346-A, F6AZ-10346-AA;

F6PZ-10346-B, -EA; F7PZ-10346-KA

Lester Nos: 7764, 7776, 7784

Dim:

Mtg. Foot-1 Hole Size: 9mm

Mtg. Foot-1 to Bearing Center: 99mm

Mtg. Foot-2 Hole Size: 9mm

Mtg. Foot-2 to Bearing Center: 106mm

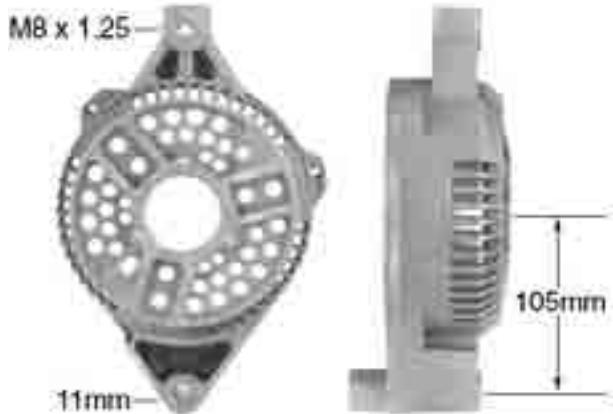
Bearing Bore Dia: 47mm

Stator Bore Dia: 142mm

Frame OD: 148mm

Note: Used w/ 6303 ball bearing. Similar to 21-240 except 21-240 w/ M6 x 1.0 mounting bosses.

3G Series (Large Frame)



21-215

D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators

Used On: (1997-90) Ford, Lincoln, Mercury

Unit Nos: Ford F0DZ-10346-B, -C, -E; F1DZ-10346-A, -B; F2UZ-10346-B, F58Z-10346-A, F6PZ-10346-XA

Lester Nos: 7752, 7756, 7777

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 27mm

Mtg. Foot Hole Size: 11mm

Mtg. Foot to Bearing Center: 105mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 142mm

Frame OD: 148mm

Note: Used w/ 6303 ball bearing



21-218

D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators

Used On: (2002-92) Ford, Mazda, Mercury

Unit Nos: Ford F3UZ-10346-A, F6UZ-10346-VA, F7RZ-10346-FA

Lester Nos: 7768, 7792

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 55mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 88mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 142mm

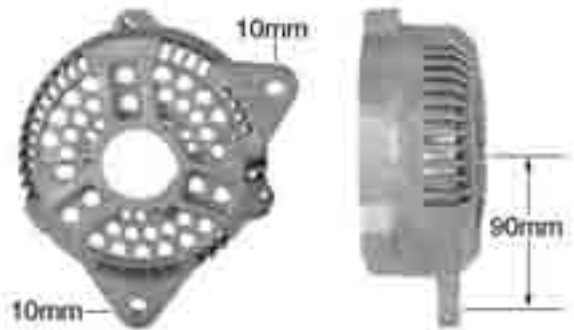
Frame OD: 148mm

Note: Used w/ 6303 ball bearing



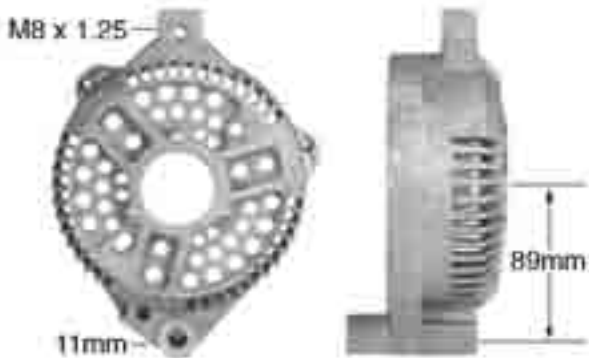
21-219
D.E. Frame

For: Ford 3G Series 110-130A IR/IF Alternators
Used On: (2000-93) Ford, Mercury
Unit Nos: Ford F3DZ-10346-B; F4PZ-10346-B, -D; F6PZ-10346-AE, F8PZ-10346-CA
Lester Nos: 7765, 7770, 7771
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 21mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
 Frame OD: 148mm
Note: Used w/ 6303 ball bearing



21-221
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (1997-94) Ford, Mercury
Unit Nos: Ford F4PZ-10346-C, F5RZ-10346-A, F6RZ-10346-AA
Lester Nos: 7769, 7774, 7789
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 18mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
 Frame OD: 148mm
Note: Used w/ 6303 ball bearing



21-220
D.E. Frame

For: Ford 3G Series 115A IR/IF Alternators
Used On: (1994-93) Ford Truck
Unit Nos: Ford F3HZ-10346-B, F5HZ-10346-E, F6HT-10300-MA, F6PZ-10346-AF
Lester Nos: 7778
Dim:
 Mtg. Ear Hole Size: M8 x 1.25
 Mtg. Ear Thickness: 21mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
 Frame OD: 148mm
Note: Used w/ 6303 ball bearing



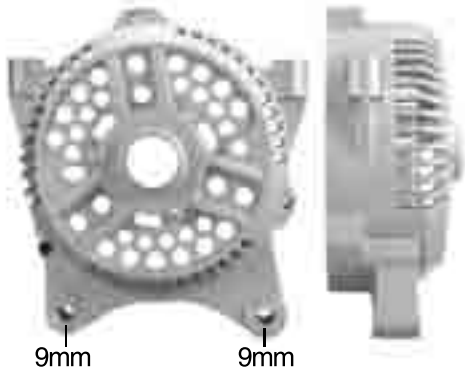
21-222
D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2000-95) Ford, Mercury
Unit Nos: Ford F5RU-10346-BC, F5RZ-10346-B, F6RZ-10346-BB, XS9Z-10346-AB
Lester Nos: 7775
Dim:
 Mtg. Ear Hole Size: 11mm
 Mtg. Ear Thickness: 26mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 105mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
 Frame OD: 148mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

3G Series (Large Frame) (cont'd.)



21-240

D.E. Frame

For: Ford 3G Series 130A IR/IF Alternators

Used On: (2002-99) Lincoln

Unit Nos: Ford XL1U-10300-BB, XU2U-10346-AA, XU2Z-10346-AA

Lester Nos: 8267

WAI Ref. Nos: 1-2274-31FD

Dim:

Mtg. Foot-1 Hole Size: 9mm

Mtg. Foot-1 to Bearing Center: 99mm

Mtg. Foot-2 Hole Size: 9mm

Mtg. Foot-2 to Bearing Center: 106mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 142mm

Frame OD: 148mm

Note: Used w/ 6303 ball bearing. Similar to 21-217 except 21-217 wo/ M6 x 1.0 mounting bosses.

(cont'd.)

Dim:

Mtg. Foot-1 Hole Size: 9mm

Mtg. Foot-1 to Bearing Center: 105mm

Mtg. Foot-2 Hole Size: 9mm

Mtg. Foot-2 to Bearing Center: 99mm

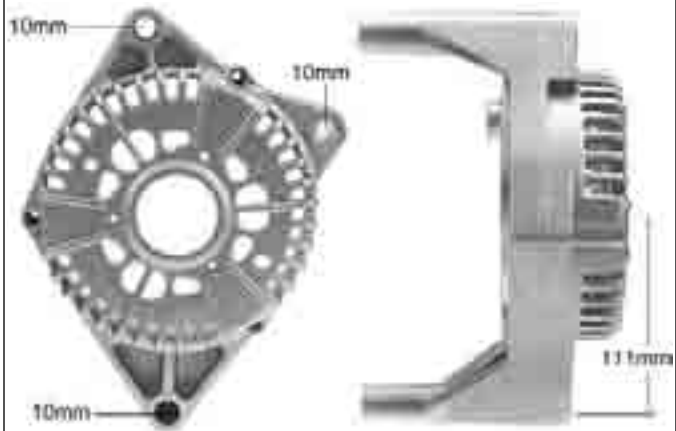
Bearing Bore Dia: 47mm

Stator Bore Dia: 142mm

Note: Without raised collar. Used w/ 6303 ball bearing.

Similar to 21-242 except 21-242 is machined to be used

w/ 24-2278 clutch pulley.



21-224

D.E. Frame

For: Ford 4G Series IR/IF Alternators

Used On: (2005-96) Ford, Mercury

Unit Nos: Ford F6DZ-10346-B, YF1Z-10346-E

Lester Nos: 7780

WAI Ref. Nos: 1-1993-11FD, 1-1993-12FD

Dim:

Mtg. Ear-1 Hole Size: 10mm

Mtg. Ear-1 Thickness: 116mm

Mtg. Ear-2 Hole Size: 10mm

Mtg. Ear-2 Thickness: 45mm

Mtg. Foot Hole Size: 10mm

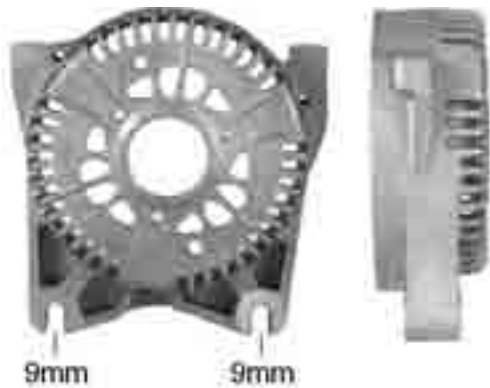
Mtg. Foot to Bearing Center: 111mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 142mm

Note: Without raised collar. Used w/ 6303 ball bearing.

4G Series



21-223

D.E. Frame

For: Ford 4G Series IR/IF Alternators

Used On: (2005-95) Ford, Lincoln, Mercury

Unit Nos: Ford F5OY-10346-A, F6LY-10346-A, F6OY-10346-AA, F6ZZ-10346-B, F8OZ-10346-CA, XL3Z-10346-AA, XW7Z-10346-AA

Lester Nos: 7773, 7781, 8251

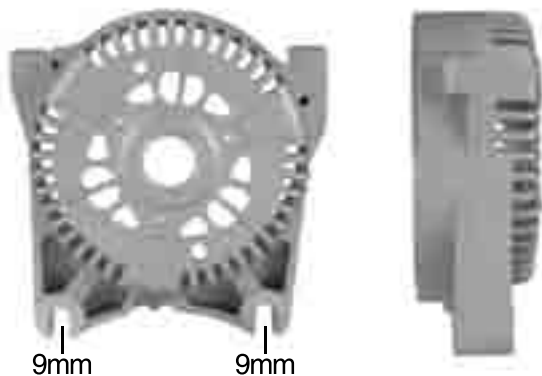
WAI Ref. Nos: 1-1904-11FD, 1-1904-12FD, 1-1988-11FD, 1-1988-12FD

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21-226
D.E. Frame

For: Ford 4G Series IR/IF Alternators
Used On: (1999-96) Ford, Mercury
Unit Nos: Ford F68Z-10346-AD, F6DZ-10346-D, F77Z-10346-AB, F78Z-10346-AA
Lester Nos: 7786, 7787
WAI Ref. Nos: 1-2012-21FD, 1-2012-22FD, 1-2024-21FD
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 55mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 88mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
Note: Without raised collar. Used w/ 6303 ball bearing.



21-242
D.E. Frame

For: Ford 4G Series IR/IF Alternators
Used On: (2004-03) Mercury
Unit Nos: Ford 3W3U-10300-AA, 3W3Z-10346-AA
Lester Nos: 8314
WAI Ref. Nos: 1-2538-12FD
Dim:
 Mtg. Foot-1 Hole Size: 9mm
 Mtg. Foot-1 to Bearing Center: 105mm
 Mtg. Foot-2 Hole Size: 9mm
 Mtg. Foot-2 to Bearing Center: 99mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
Note: Without raised collar. Used w/ 6303 ball bearing. Similar to 21-223 except 21-242 is machined to be used w/ 24-2278 clutch pulley.

6G Series (Small Frame)



21-230
D.E. Frame

For: Ford 6G Series 105A Small Frame IR/IF Alternators
Used On: (2005-98) Ford, Mazda, Mercury
Unit Nos: Ford 98AB-10300-FC, 98AZ-10346-FA, F81U-10300-CC, F81U-10300-EB, F81U-10300-GA, F81Z-10346-CA, F81Z-10346-EA, F81Z-10346-GA; GL-410, GL-412, GL-422, GL-455
Lester Nos: 7796, 7798, 7799
WAI Ref. Nos: 1-2172-31FD, 1-2173-11FD, 1-2178-31FD, 1-2350-11FD
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 55mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 88mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing



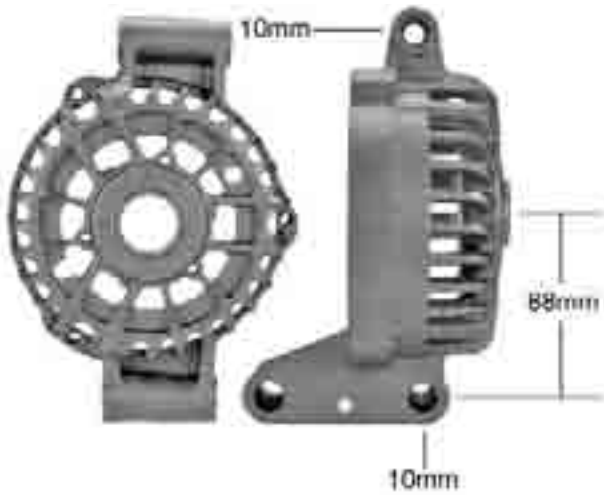
21-231
D.E. Frame

For: Ford 6G Series 105A Small Frame IR/IF Alternators
Used On: (2005-99) Ford
Unit Nos: Ford XF2U-10300-AB, XF2Z-10346-AA, YF1U-10300-FA, YF1Z-10346-FA; GL-425, GL-453
Lester Nos: 7788
WAI Ref. Nos: 1-2206-21FD, 1-2348-21FD
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 21mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 88mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

6G Series (Small Frame) (cont'd.)



21-232
D.E. Frame

For: Ford 6G Series 110A Small Frame IR/IF Alternators

Used On: (2002-98) Ford

Unit Nos: Ford F81U-10300-DB, F81U-10300-DC, F81Z-10346-DA; GL-411

Lester Nos: 7797

WAI Ref. Nos: 1-2209-11FD

Dim:

Mtg. Ear Hole Size: 10mm

Mtg. Ear Thickness: 55mm

Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 88mm

Bearing Bore Dia: 52mm

Stator Bore Dia: 130mm

Note: 52mm D.E. bearing bore used w/ 10-3043 D.E. bearing. Similar to 21-230 except 21-230 used w/ 47mm OD 6-303 D.E. bearing



21-233
D.E. Frame

For: Ford 6G Series 105-110A Small Frame IR/IF Alternators

Used On: (2002-98) Ford, Mercury

Unit Nos: Ford 98AZ-10346-EA, 98BB-10300-CC, F8RZ-10346-CC, XS8Z-10346-BB, XS91-10300-BB; GL-419, GL-431, GL-456

Lester Nos: 8250

WAI Ref. Nos: 1-2207-01FD, 1-2349-01FD

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Dim:

Mtg. Ear Hole Size: 8mm

Mtg. Ear Thickness: 14mm

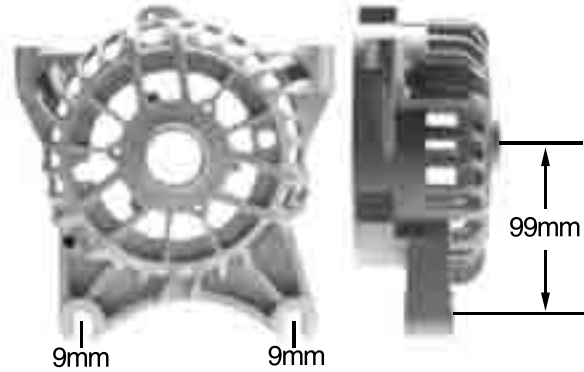
Mtg. Foot Hole Size: 8mm

Mtg. Foot to Bearing Center: 85mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 130mm

Note: Used w/ 6303 ball bearing



21-235
D.E. Frame

For: Ford 6G Series 105A Small Frame IR/IF Alternators

Used On: (2005-99) Ford

Unit Nos: Ford XR3U-10300-AA, XR3Z-10346-AA

Lester Nos: 8252

WAI Ref. Nos: 1-2264-31FD

Dim:

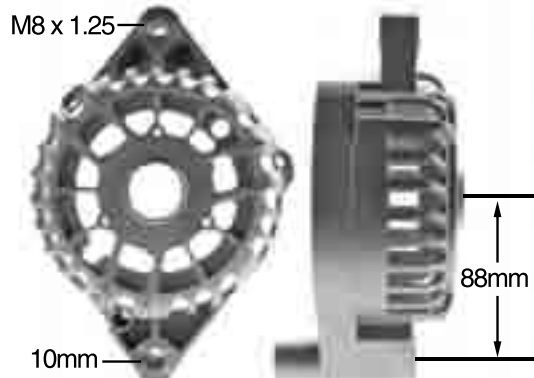
Mtg. Foot Hole Size: 9mm

Mtg. Foot to Bearing Center: 99mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 130mm

Note: Used w/ 6303 ball bearing



21-236
D.E. Frame

For: Ford 6G Series 110A Small Frame IR/IF Alternators

Used On: (2002-00) Ford Medium & Heavy Duty Trucks

Unit Nos: Ford F81U-10300-BC, F81Z-10346-BA

Lester Nos: 8262

WAI Ref. Nos: 1-2270-31FD

Dim:

Mtg. Ear Hole Size: M8 x 1.25

Mtg. Ear Thickness: 21mm

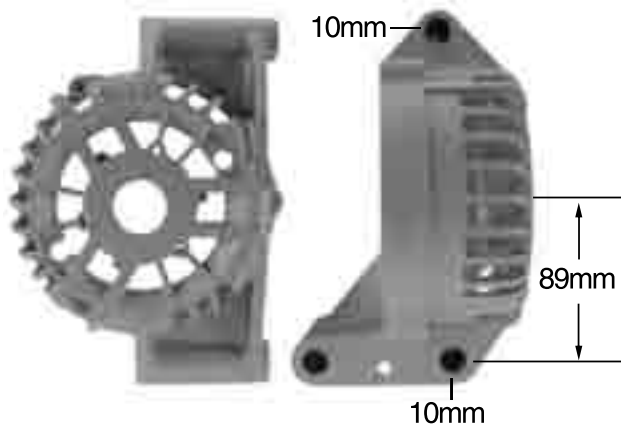
Mtg. Foot Hole Size: 11mm

Mtg. Foot to Bearing Center: 88mm

Bearing Bore Dia: 52mm

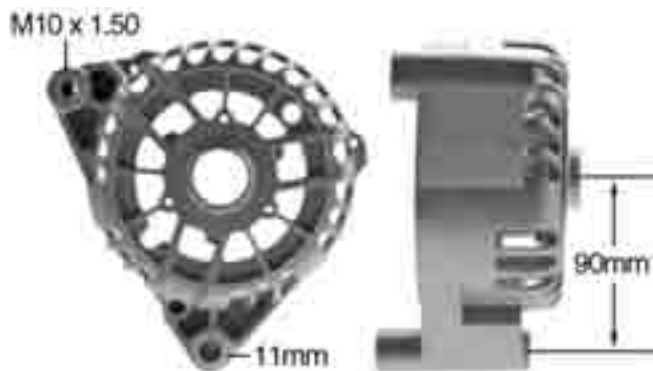
Stator Bore Dia: 130mm

Note: 52mm D.E. bearing bore used w/ 10-3043 D.E. bearing.



21-238
D.E. Frame

For: Ford 6G Series 105A Small Frame IR/IF Alternators
Used On: (2002-00) Lincoln
Unit Nos: Ford XR8U-10300-AE, XR8Z-10346-AA, XW4U-10300-CC, XW4U-10300-CD; XW4Z-10346-AA, -CC
Lester Nos: 8255, 8257
WAI Ref. Nos: 1-2248-31FD, 1-2248-32FD
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 73mm
 Mtg. Foot Hole Size: 13mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing



21-239
D.E. Frame

For: Ford 6G Series 110A Small Frame IR/IF Alternators
Used On: (2002-00) Ford, Lincoln
Unit Nos: Ford XR8U-10300-CE, XR8Z-10346-CE, XW4U-10300-BA, XW4Z-10346-BA
Lester Nos: 8256
WAI Ref. Nos: 1-2265-21FD
Dim:
 Mtg. Ear Hole Size: M10 x 1.50
 Mtg. Ear Thickness: 65mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing

6G Series (Large Frame)



21-229
D.E. Frame

For: Ford 6G Series 135A Large Frame IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Unit Nos: Ford F8AU-10300-AB, F8AU-10300-AC, F8AZ-10346-AB; GL-407
Lester Nos: 7795
WAI Ref. Nos: 1-2158-31FD
Dim:
 Mtg. Foot Hole Size: 9mm
 Mtg. Foot to Bearing Center: 106mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
Note: Used w/ 6303 ball bearing.
 For version w/ machined collar use 21-243.



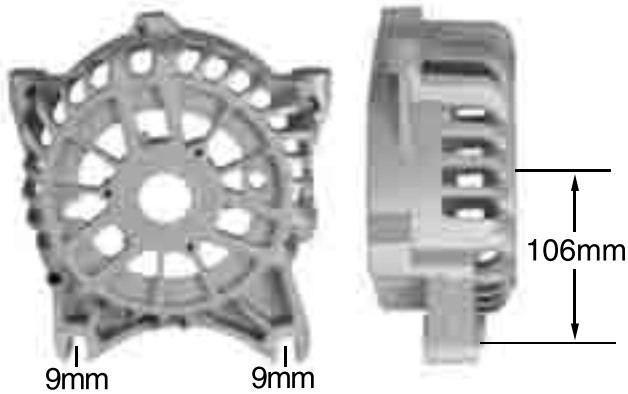
21-234
D.E. Frame

For: Ford 6G Series 130A Large Frame IR/IF Alternators
Used On: (2002-99) Ford
Unit Nos: Ford XF2U-10300-BC, XF2Z-10346-BA
Lester Nos: 8253
WAI Ref. Nos: 1-2338-11FD
Dim:
 Mtg. Ear Hole Size: 10mm
 Mtg. Ear Thickness: 55mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 88mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 142mm
Note: Used w/ 6303 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

FORD

6G Series (Large Frame) (cont'd.)



21-243

D.E. Frame

For: Ford 6G Series 130A Large Frame IR/IF Alternators

Used On: (2004-03) Ford, Lincoln

Unit Nos: Ford 3L74-10300-AA, -BA; 3L7Z-10346-AA, -BA

Lester Nos: 8303

WAI Ref. Nos: 1-2533-31FD

Dim:

Mtg. Foot Hole Size: 9mm

Mtg. Foot to Bearing Center: 106mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 142mm

Note: Similar to 21-229 except 21-243 features machined collar to accommodate clutch pulley.

Used w/ 6303 ball bearing.

(cont'd.)

Dim:

Mtg. Ear Hole Size: 1/2-13

Mtg. Ear Thickness: 14mm

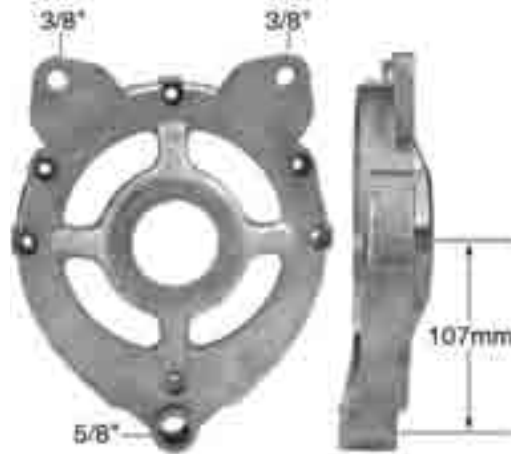
Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 109mm

Bearing Bore Dia: 62mm

Stator Bore Dia: 163mm

Note: Used w/ 6-3305-4 ball bearing



21-501

D.E. Frame

For: Leece-Neville 5500 Series ER/EF, 7600-7700JA Series IR/EF Alternators

Used On: (1992-88) Ford Ambulance (Diesel)

Replaces: Leece-Neville 77773

Unit Nos: Leece-Neville 5522AA, 5523AA, 5528A, 7606A, 7606JA, 7705JA, 7706A, 7706JA, RJ7706

Dim:

Mtg. Ear Hole Size: 3/8

Mtg. Ear Thickness: 32mm

Mtg. Ear 2 Hole Size: 3/8

Mtg. Ear 2 Thickness: 12mm

Mtg. Foot Hole Size: 5/8"

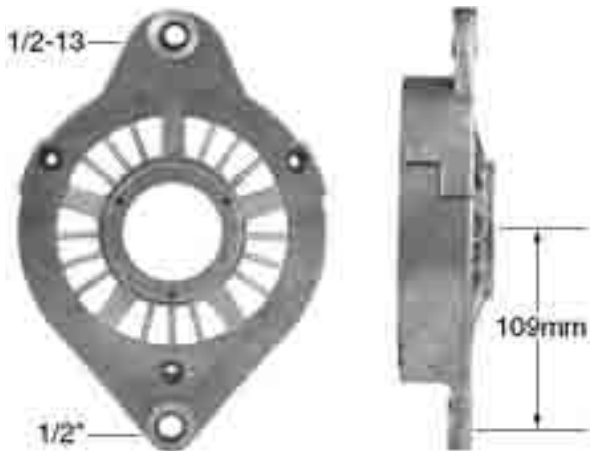
Mtg. Foot to Bearing Center: 107mm

Bearing Bore Dia: 52mm

Stator Bore Dia: 153mm

Note: Used w/ 6304 ball bearing

LEECE-NEVILLE



21-500

D.E. Frame

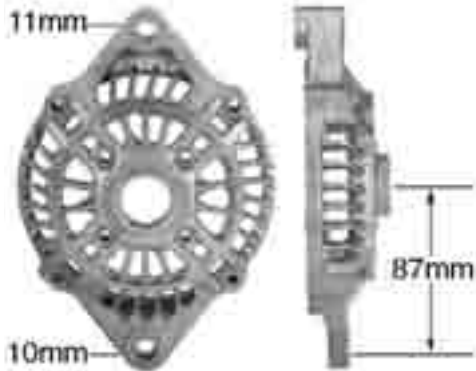
For: Leece-Neville 2300-2800JB Series IR/EF Alternators

Replaces: Leece-Neville 78983

Unit Nos: Leece-Neville 2300J, 2301J, 2303J, 2304J, 2360J, 2500J, 2509J, 2511J, 2600J, 2670J, 2700J, 2800J, 2805J, 4425J, 4426J, 4625J, 4626J, 4632J, 4725A, 4725J, 4860J, 4860JB, 4884J, 4884JB, 9800J

(cont'd.)

MITSUBISHI



21-8301
D.E. Frame

For: Mitsubishi ER/IF Alternators

Used On: (1999-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth

Unit Nos: Mitsubishi A2T81192, A2T81292, A2T81391, A2TB1491

Lester Nos: 13580, 13735

WAI Ref. Nos: 1-1874-01MI, 1-2107-01MI

Dim:

Mtg. Ear Hole Size: 11mm

Mtg. Ear Thickness: 28mm

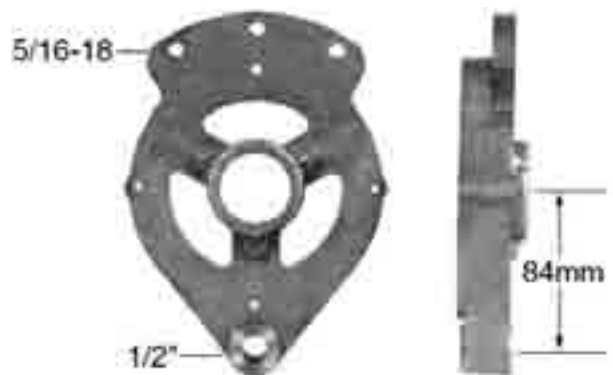
Mtg. Foot Hole Size: 10mm

Mtg. Foot to Bearing Center: 87mm

Bearing Bore Dia: 47mm

Stator Bore Dia: 126mm

Note: Used w/ 6303 ball bearing



21-401
D.E. Frame

For: Motorola / Prestolite A/8AL, MA/8MA, MR/8MR, RA/8AR Series Alternators

Replaces: Motorola 14-1, 14-9; Prestolite 114-1, 114-9

Unit Nos: Motorola / Prestolite 8AL2017F, 2018K, 2019F, 2022F, 2023G, 2071K, 2105L, 2106F, 2107K, 2109F; 8AR2001, 2007, 2009, 2014G, 2017F, 2018F, 2022F, 2024F, 2026F, 2033F, 2037F, 2041F, 2069F, 2070K, 2073F, 3080F; 8MA2004K, 2005F, 2008K, 2009L, 2019K, 2020P, 3006F, 3007F; 8MR2002, 2003, 2016K, 2022K, 2026P, 2048K, 2050F, 2052K, 2070T; A12N600, 600T, CC453, CC603, CC604, CH553, CH606, CH607, EB451, EB550, EB600, JD452, JD454, TK452, W529, WC451; A12P550, 600, EB451, EB550, EB600, PW554; A24N900, 901, CD900, JD900, W901; MA12-451, N451, N550, N600, NC601, P451, P550, P600; MA24-900, -900G, -902, N900, NTK901R; MR12N451, N550, N600

Dim:

Mtg. Ear Hole Size: 5/16-18

Mtg. Ear Thickness: 11mm

Mtg. Foot Hole Size: 1/2"

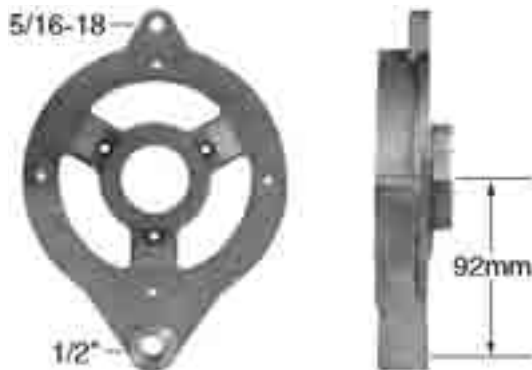
Mtg. Foot to Bearing Center: 84mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 127mm

Note: Used w/ 6203 ball bearing

MOTOROLA



21-400
D.E. Frame

For: Motorola / Prestolite 8HA Series Alternators

Used On: Thermo King

Replaces: Motorola 14-90; Prestolite 114-90; Thermo King 44-3854

Unit Nos: Motorola / Prestolite 8HA2003F, 8HA2004G, 8HA2005K, 8HA2006F, 8HA2008F, 8HA2009K; 110-159, -225, -253, -303, -304; Thermo King 44-3325, 44-4181, 44-6257, 44-6266

Dim:

Mtg. Ear Hole Size: 5/16-18

Mtg. Ear Thickness: 11mm

Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 92mm

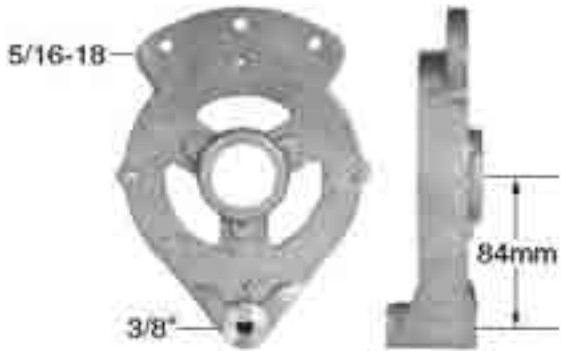
Bearing Bore Dia: 52mm

Stator Bore Dia: 127mm

Note: Used w/ 6205 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

MOTOROLA (cont'd.)



21-402

D.E. Frame

For: Motorola / Prestolite 8MR, A/8AL, RA/8AR Series Alternators

Replaces: Motorola 14-6, 14-37; Prestolite 114-6, 114-37

Unit Nos: Motorola / Prestolite 8AL2030L; 8AR2002, 2004, 2005, 2008, 2015K, 2016K, 2021K, 2028F, 2044F, 2045K, 2048F, 2049K, 2050F, 2051K, 2060F, 2062K, 2063F, 2066F, 2068F, 2068FM, 2074F, 2076K, 3010; 8MA2001, 2002K; 8MR2001, 2004, 2006, 2007K, 2008P, 2009, 2009P, 2010P, 2012P, 2013K, 2014K, 2015K, 2021K, 2023F, 2024F, 2025T, 2027T, 2028T, 2030T, 2033T, 2036K, 2039K; A12N452, 550, 600D, 601D, AM453, AM456, JD602, JD603, W525, W527, W554, W602; A24JD901, A24N900D, A24N901D, A24NWM901; MA12NJD1201, JD1202, JD1203, JD1205, JD451, JD601, JD602, JD603, JD604; RA12N451D

Lester Nos: 7089, 7091, 7097, 7441

Dim:

Mtg. Ear Hole Size: 5/16-18

Mtg. Ear Thickness: 11mm

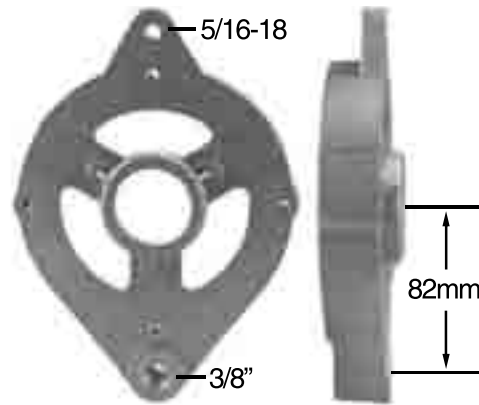
Mtg. Foot Hole Size: 3/8"

Mtg. Foot to Bearing Center: 84

Bearing Bore Dia: 40mm

Stator Bore Dia: 127mm

Note: Used w/ 6203 ball bearing



21-404

D.E. Frame

For: Motorola / Prestolite A/8AL Series Alternators

Used On: (1975-74) Jeep

Replaces: Motorola 14-4, Prestolite 114-4; Ref# C-3300

Unit Nos: Motorola / Prestolite 8AL2004F, 8AL2005F, 8AL2006F, 8AL2007F, 8AL2008K, 8AL2009K, 8AL2011F, 8AL2012F, 8AL2013F, 8AL2014F, 8AL2020L, 8AL2021L, 8AL2025F, 8AL2026F, 8AL2027L, 8AL2031F, 8AL2032K, 8AL2033L, 8AL2037F, 8AL2040F, 8AL2044L, 8AL2045L, 8AL2050F, 8AL2051F, 8AL2052K, 8AL2053L, 8AL2059K, 8AL2060L, 8AL2073K, 8AL2074L, A12N550D, A12NAM551, A12NAM553, A12NAM603, A12NAM604, A12NAM605, A12NAM606, A12NAM607, A12NTK451, A12NTK451R, A12NW528, A12NW552, A12NW553, A12NWM451, A12P451, A12PW554

Lester Nos: 7094, 7353, 7381, 7391, 7395, 7427, 7429, 7437, 7439, 7441, 7448, 7469, 7490

WAI Ref. Nos: 1-1922-11MO, 1-1924-11MO, 1-1925-31MO, 1-2029-11MO

Dim:

Mtg. Ear Hole Size: 5/16-18

Mtg. Ear Thickness: 12mm

Mtg. Foot Hole Size: 3/8

Mtg. Foot to Bearing Center: 82mm

NIPPONDENSO



21-403

D.E. Frame

For: Motorola / Prestolite 8MA, A/8AL Series Alternators

Replaces: Motorola 14-55; Prestolite 114-55

Unit Nos: Motorola / Prestolite 8AL2048F, 8AL2049K, 8AL2055F, 8AL2056K, 8AL2067K, 8AL2068F, 8AL2069K, 8AL2080K, 8MA2010P, 8MA2013P, 8MA2014P, 8MA2018P, A12NCC454, A12NFT600; 110-51, -195, -249, -276

Dim:

Mtg. Ear Hole Size: 5/16-18

Mtg. Ear Thickness: 11mm

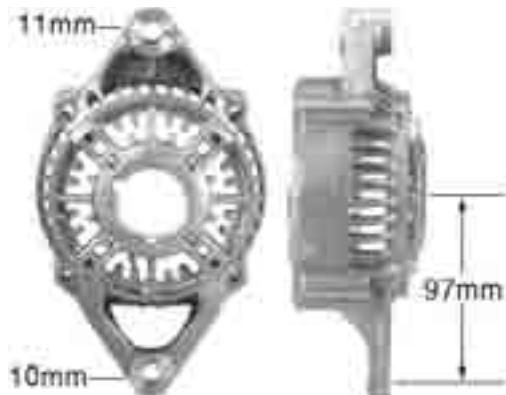
Mtg. Foot Hole Size: 1/2"

Mtg. Foot to Bearing Center: 84mm

Bearing Bore Dia: 40mm

Stator Bore Dia: 127mm

Note: Used w/ 6203 ball bearing



21-8202-1

D.E. Frame

For: Nippondenso 35/75, 40/90A ER/IF Alternators

Used On: (2001-85) Chrysler, Dodge, Eagle, Jeep, Plymouth

Unit Nos: Nippondenso 121000-300*, 121000-310*, 121000-330*, 121000-331*, 121000-333*, 121000-334*, 121000-336*, 121000-337, 121000-338, 121000-339, 121000-340, 121000-341, 121000-343, 121000-345, 121000-346, 121000-347, 121000-348, 121000-352*, 121000-353, 121000-357, 121000-358, 121000-361, 121000-362, 121000-363, 121000-367

(cont'd.)

ALTERNATOR - FRAMES, D.E. (21-)

(cont'd.)

Lester Nos: 13184*, 13185, 13245, 13256*, 13305*, 13306, 13307, 13312, 13341, 13353, 13354, 13442, 13443, 13593, 13822, 13823

WAI Ref. Nos: 1-1490-01ND*, 1-1490-02ND*, 1-1490-03ND*, 1-1503-01ND, 1-1503-02ND, 1-1503-03ND, 1-1503-04ND, 1-1503-05ND, 1-1503-06ND, 1-1511-01ND, 1-1527-01ND, 1-1527-02ND, 1-1527-03ND, 1-1531-01ND*, 1-1592-01ND, 1-1971-01ND*, 1-2073-01ND, 1-2224-01ND, 1-2225-01ND, 1-2285-01ND

Dim:

Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 28mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 97mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 118mm

Note: Used w/ 10-3042-4 ball bearing.

*Requires 46-82556 reducing bushing



21-8206
D.E. Frame

For: Nippondenso 120A ER/IF Alternators

Used On: (2001-88) Chrysler, Dodge, Jeep, Plymouth

Unit Nos: Nippondenso 121000-400*, 121000-401*, 121000-403*, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409*, 121000-410, 121000-413, 121000-415*, 121000-416*, 121000-417*, 121000-427*, 121000-428*, 121000-429*, 121000-433*

Lester Nos: 13280*, 13301, 13302, 13304, 13308*, 13309, 13310, 13311, 13313*, 13453, 13594, 13742, 13765, 13766, 13824, 13842

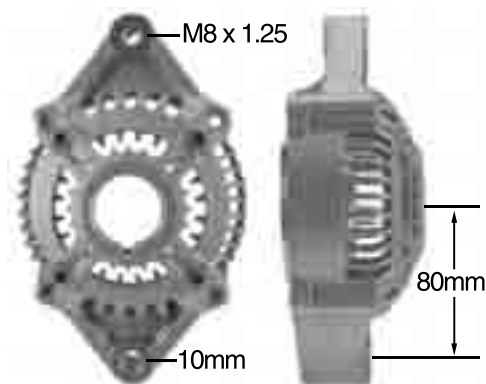
WAI Ref. Nos: 1-1491-01ND*, 1-1491-02ND*, 1-1491-03ND*, 1-1491-04ND*, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND, 1-1504-06ND, 1-2075-01ND, 1-2087-01ND, 1-2226-01ND, 1-2227-01ND, 1-2227-02ND, 1-2228-01ND

Dim:

Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 28mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 97mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm

Note: Used w/ 10-3042-4 ball bearing.

*Requires 46-82556 reducing bushing to convert 11mm to 8mm dia. mtg. ear (not included).



21-8215
D.E. Frame

For: Nippondenso 50-60A IR/IF Alternators

Used On: (1991-85) Chevrolet, Geo, Honda, Isuzu

Unit Nos: Nippondenso 100211-121, -122, -131, -133, -222, -223, -359, -366, -372, -389

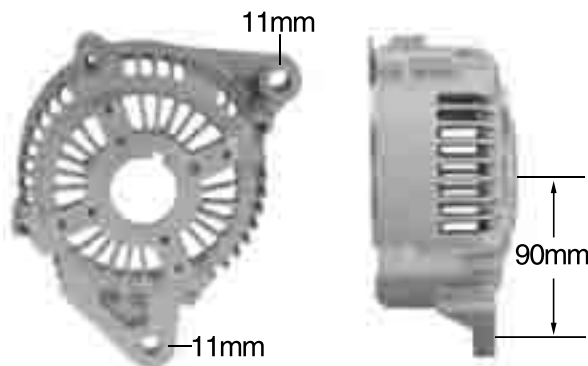
Lester Nos: 14732, 14739, 14872, 14926, 14989

WAI Ref. Nos: 1-1017-01ND, 1-1237-01ND, 1-1240-01ND

Dim:

Mtg. Ear Hole Size: M8 x 1.25
Mtg. Ear Thickness: 22mm
Mtg. Foot Hole Size: 10mm
Mtg. Foot to Bearing Center: 80mm
Bearing Bore Dia: 46mm
Stator Bore Dia: 110mm

Note: Used w/ 10-3022-4 ball bearing.



21-8219
D.E. Frame

For: Nippondenso 120-140A ER/IF Alternators

Used On: (2004-98) Chrysler, Dodge, Jeep

Unit Nos: Chrysler 4606822AA; 4609999, AB; 4896123AA, 56044678AA; Nippondenso 121000-423, -437, -453, -458

Lester Nos: 11116, 13763, 13964

WAI Ref. Nos: 1-2188-01ND

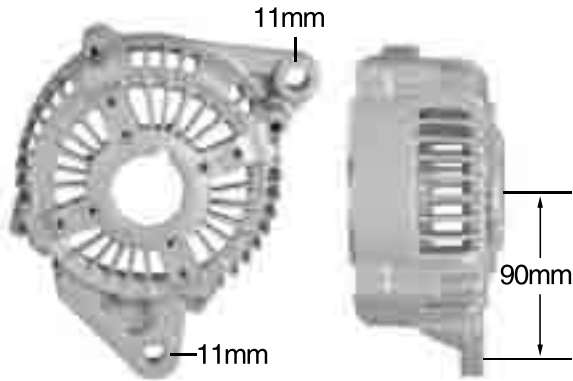
Dim:

Mtg. Ear Hole Size: 11mm
Mtg. Ear Thickness: 21mm
Mtg. Foot Hole Size: 11mm
Mtg. Foot to Bearing Center: 90mm
Bearing Bore Dia: 52mm
Stator Bore Dia: 130mm

Note: Used w/ 10-3042-4 ball bearing.

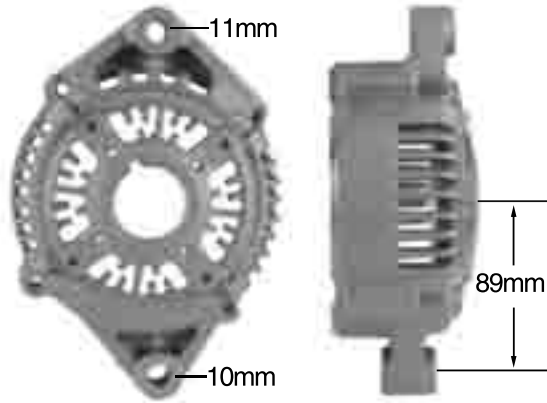
ALTERNATOR - FRAMES, D.E. (21-)

NIPPONDENSO (cont'd.)



21-8220
D.E. Frame

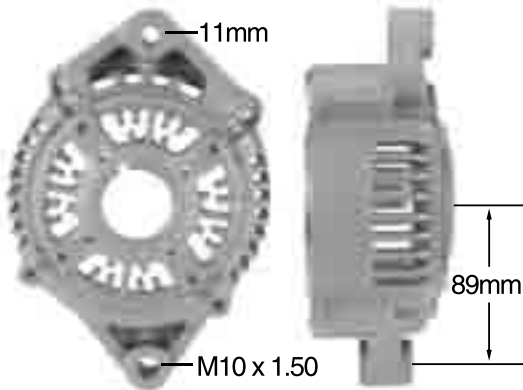
For: Nippondenso 136A ER/IF Alternators
Used On: (2005-99) Dodge, Jeep
Unit Nos: Chrysler 56041324, AC; 56041693AC; Nippondenso 121000-425, 121000-454
Lester Nos: 13790, 13873
WAI Ref. Nos: 1-2286-01ND, 1-2497-01ND
Dim:
 Mtg. Ear Hole Size: 11mm
 Mtg. Ear Thickness: 20mm
 Mtg. Foot Hole Size: 11mm
 Mtg. Foot to Bearing Center: 90mm
 Bearing Bore Dia: 47mm
 Stator Bore Dia: 130mm
Note: Used w/ 6303 ball bearing.



21-8222
D.E. Frame

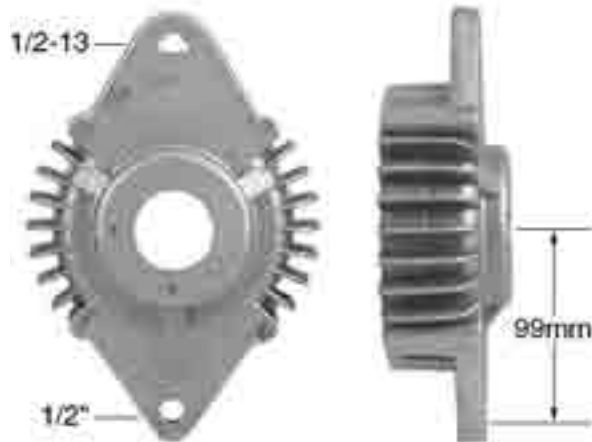
For: Nippondenso 125A ER/IF Alternators
Used On: (2000-97) Chrysler, Dodge
Unit Nos: Chrysler 4609230AA, Nippondenso 121000-426
Lester Nos: 13741
WAI Ref. Nos: 1-2056-01ND
Dim:
 Mtg. Ear Hole Size: 11mm
 Mtg. Ear Thickness: 28mm
 Mtg. Foot Hole Size: 10mm
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 52mm
 Stator Bore Dia: 130mm
Note: 21-8222 is similar to 21-8221 except 21-8221 has threaded mtg. foot.

PRESTOLITE



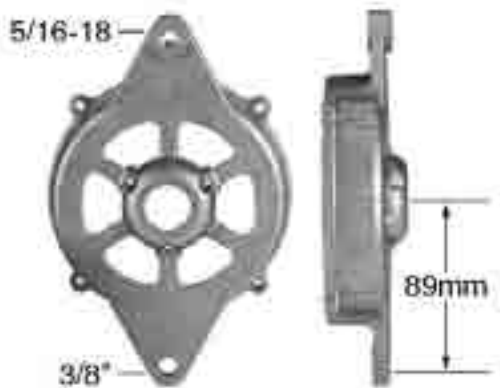
21-8221
D.E. Frame

For: Nippondenso 125A ER/IF Alternators
Used On: (2000-96) Chrysler
Unit Nos: Chrysler 4671320, Nippondenso 121000-421
Lester Nos: 13592
WAI Ref. Nos: 1-2007-01ND
Dim:
 Mtg. Ear Hole Size: 11mm
 Mtg. Ear Thickness: 28mm
 Mtg. Foot Hole Size: M10 x 1.50
 Mtg. Foot to Bearing Center: 89mm
 Bearing Bore Dia: 52mm
 Stator Bore Dia: 130mm
Note: 21-8221 is similar to 21-8222 except 21-8222 has unthreaded mtg. foot.



21-600
D.E. Frame

For: Prestolite ANB Series Alternators
Used On: Caterpillar
Replaces: Prestolite 14-258, 14-270, ANB-1003BS
Unit Nos: Prestolite 51-212, ANB-6004
Dim:
 Mtg. Ear Hole Size: 1/2-13
 Mtg. Ear Thickness: 15mm
 Mtg. Foot Hole Size: 1/2"
 Mtg. Foot to Bearing Center: 99mm
 Bearing Bore Dia: 62mm
 Stator Bore Dia: 127mm
Note: Used w/ 6305 ball bearing



21-601
D.E. Frame

For: Prestolite ALK Series Alternators

Used On: Industrial, Marine Applications

Replaces: Prestolite 14-235, 14-263, 14-268, ALE-1003M, ALE-1003T

Unit Nos: Prestolite ALK-6222

Dim:

Mtg. Ear Hole Size: 5/16-18

Mtg. Ear Thickness: 12mm

Mtg. Foot Hole Size: 3/8"

Mtg. Foot to Bearing Center: 89mm

















Bearing Bore Dia: 40mm

Stator Bore Dia: 127mm

Note: Used w/ 6203 ball bearing

ALTERNATOR - FRAMES, D.E. (21-)

CONVERSION CHART FOR CS130 D.E. FRAMES

Use with 6203 Bearing & 46-1602-2 Rotor Spacer (3mm thick)		=	Use with 6303 Bearing & 46-1618 Rotor Spacer (1mm thick)		Use with 6203 Bearing & 46-1602-2 Rotor Spacer (3mm thick)		=	Use with 6303 Bearing & 46-1618 Rotor Spacer (1mm thick)	
									
									
									
									

D.E. Frame Quick Identification:

For most CS130 Series,
 D.E. frames requiring a 6203 bearing have 3 spokes
 D.E. frames requiring a 6303 bearing have 5 spokes

DELCO

10DN, 10SI, 12SI Series



22-100

S.R.E. Frame

For: Delco 10DN Series ER/EF Alternators

Replaces: Delco 1852934

Lester Nos: 7102, 7111, 7122

Dim: 5/16-18 Mtg. Hole

Note: Used w/ 8-101-2 needle bearing



22-101

**S.R.E. Frame
Standard**

For: Delco 10SI Series IR/EF Alternators

Used On: (1979-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1851201, 1852101

Lester Nos: 7127, 7128, 7145, 7148, 7282

Dim: 5/16-18 Mtg. Hole

Note: Used w/ 8-101-2 needle bearing



22-102

**S.R.E. Frame
Metric**

For: Delco 10SI Series IR/EF Alternators

Used On: (1983-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1974939

Lester Nos: 7127, 7128, 7145, 7148, 7282, 7292

Dim: M8 x 1.25 Mtg. Hole

Note: Used w/ 8-101-2 needle bearing



22-103

S.R.E. Frame

For: Delco 12SI Series IR/EF Alternators

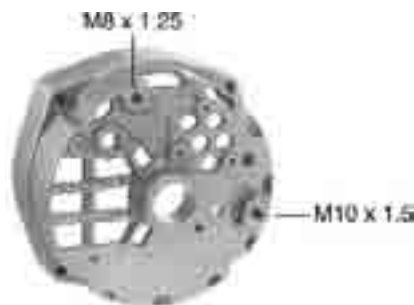
Used On: (1991-83) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1984460, 1987056, 1987073, D3335

Lester Nos: 7127, 7128, 7148, 7271, 7272, 7272R, 7273, 7273R, 7277, 7278, 7282, 7292, 7292R, 7293, 7293R, 7294, 7294R, 7830

Dim: M8 x 1.25 Mtg. Hole

Note: Used w/ 8-101-2 needle bearing



22-104

S.R.E. Frame

For: Delco 12SI Series IR/EF Alternators

Used On: (1986-83) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 1985500

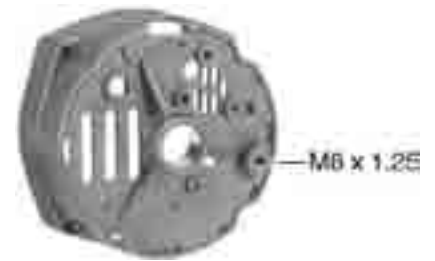
Unit Nos: Delco 1100244, 1100258, 1105354, 1105355, 1105358, 1105359, 1105367, 1105439, 1105440

Lester Nos: 7148, 7274, 7275, 7278

Dim: M8 x 1.25 Mtg. Hole

M10 x 1.50 Mtg. Hole

Note: Used w/ 8-101-2 needle bearing



22-127

S.R.E. Frame

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators

Replaces: Delco 1975718

Unit Nos: Delco 1100114, 170, 171, 1101192, 193, 195, 201, 202, 203, 204; 1102918, 920, 921, 922, 925, 926, 927, 928, 929, 930, 932, 933, 934, 935, 936, 937, 942; 1103035, 054, 072, 107, 116, 123, 124, 125, 126, 127, 128, 129, 130, 131, 133, 135, 138, 141, 160, 165, 166, 167, 171, 172, 173, 174, 175, 183, 184, 185, 188, 189, 191; 1105066, 068, 069, 070, 072, 073, 074, 075, 077, 086, 098, 099, 100, 159, 160, 162, 163, 164, 165, 166, 167, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 419, 420, 422, 423, 424, 429, 430, 431, 434, 435, 436, 455, 456, 457, 458, 459, 510, 514, 537, 558, 559, 573, 574, 584, 586, 619, 645, 686, 702; 10480058, 060

Dim: M8 x 1.25 Mtg. Hole

Note: Used w/ 8-103 needle bearing

15SI, 17SI, 19SI Series



22-105

S.R.E. Frame

For: Delco 15SI/Type 116 Series IR/EF Alternators

Used On: Cummins

Replaces: Delco 1979719

Unit Nos: Delco 1101194, 1101205, 1101439, 1101440, 1102551, 1105418, 1105536, 1105538, 1105539, 1105540, 1105560, 1105579, 1105609, 10479924, 10479925, 10479926, 10479927, 10479929, 10479930

Lester Nos: 7134H, 7134R

Dim: M10 x 1.50 Mtg. Hole

Note: Used w/ 8-119 needle bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

DELCO

15SI, 17SI, 19SI Series (cont'd.)



22-107

S.R.E. Frame

For: Delco 17SI Series 120A IR/EF Alternators

Used On: (1990-85) Buick, Chevrolet, GMC, Pontiac

Replaces: Delco 1988991, D3336

Unit Nos: Delco 1101215, 1101252, 1101258, 1101290, 1105585, 1105643, 1105658, 1105680, 1105683, 1105690, 10479864, 10479868, 10479915

Lester Nos: 7287, 7288

Dim: M8 x 1.25 Mtg. Hole

M10 x 1.50 Mtg. Hole

Note: Used w/ 8-101-2 needle bearing.



22-173

S.R.E. Frame

For: Delco 19SI Series IR/EF Alternators

Used On: Agricultural & Industrial Equipment w/ Cummins Engines

Replaces: Delco 10483260, Ref# C-3459

Unit Nos: Cummins 3934777, 3934778; Delco 19009950, 19009951, 19009952, 19009956, 19009957

Lester Nos: 8098

20SI Series



22-110

Rectifier End Frame

For: Delco 20SI Series IR/EF Alternators

Replaces: Delco 1894465

Dim: 1/2" Mtg. Foot Hole Size

Note: Used w/ 8-109 needle bearing

Components:

46-1550 Mounting Bushing

(cont'd.)

Lester Nos: 7641, 7642, 7659, 7665, 7666, 7673, 7971, 7976, 8029, 8030, 8039

Dim: 1/4-20 Mtg. Hole

1/2" Mtg. Foot Hole Size

Note: Used w/ 8-119 needle bearing (22mm L).

For version requiring 8-109 needle bearing (31.5mm L) use 22-151.



22-152

S.R.E. Frame

For: Delco 22SI Series IR/EF Alternators

Replaces: Delco 10492747

Unit Nos: Delco 19020300, 19020302, 19020303, 19020304, 19020305, 19020306, 19020307, 19020308, 19020309, 19020310, 19020312, 19020346, 19020354, 19020358, 19020359, 19020360, 19020362, 19020363, 19020364, 19020365, 19020366, 19020377, 19020386

Lester Nos: 8078

Dim: 1/4-20 Mtg. Hole

1/2" Mtg. Foot Hole Size

Note: Used w/ 8-109 needle bearing

(31.5mm L). 1/4" thru-bolt holes.



22-169

S.R.E. Frame

For: Delco 22SI Series IR/EF Alternators

Replaces: Delco 10452442

Unit Nos: Delco 19020387, 19020388, 19020389, 19020889

Lester Nos: 8360, 8361, 8362

Dim: 12mm Mtg. Ear Hole Size

12mm Mtg. Foot Hole Size

Note: Used w/ 8-109 needle bearing

(31.5mm L).

1/4" thru-bolt holes.

21SI, 22SI Series



22-123

S.R.E. Frame

For: Delco 21SI Series IR/EF Alternators

Replaces: Delco 10467269, 10475434

(cont'd.)

ALTERNATOR - FRAMES, S.R.E. (22-)

25SI, 26SI Series



22-111

Rectifier End Frame

For: Delco 25SI Series IR/EF Alternators
Replaces: Delco 1892959, 1892960, 1971653

Dim: 1/2" Mtg. Foot Hole Size

Note: Without diodes.

Used w/ 8-107 needle bearing.

Components:

46-1550 Mounting Bushing



22-148

Rectifier End Frame

For: Delco 26SI Series IR/EF Alternators
Replaces: Delco 10457112, 10472647

Unit Nos: Delco 19010000, 19010001, 19010002, 19010003, 19010004, 19010005, 19010006, 19010007, 19010008, 19010009, 19010010, 19010011, 19010012, 19010013, 19010014, 19010018, 19010019, 19010020

Dim: 1/2" Mtg. Foot Hole Size

Note: Without diodes.

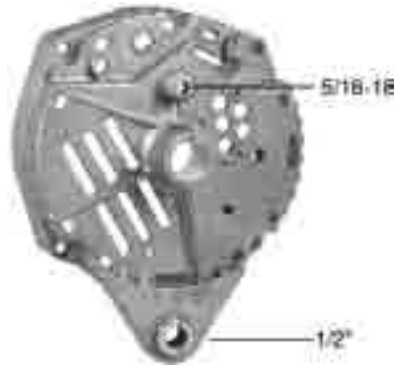
Used w/ 8-107 needle bearing.

Similar to 22-111 except 22-148 has additional mtg. bosses for mtg. late style (white) integral regulators.

Components:

46-1550 Mounting Bushing

27SI Series



22-114

S.R.E. Frame

For: Delco 27SI/Type 200 Series IR/EF Alternators

Replaces: Delco 1852630

Lester Nos: 7136, 7138, 7197, 7842, 7850

Dim: 5/16-18 Mtg. Hole

1/2" Mtg. Foot Hole Size

Note: Used w/ 8-109 needle bearing

Components:

46-1550 Mounting Bushing

30SI Series



22-117

Rectifier End Frame

For: Delco 30SI Series IR/EF Alternators

Replaces: Delco 1876762

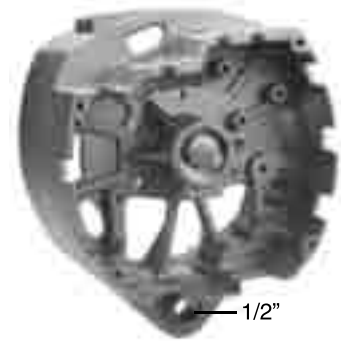
Dim: 1/2" Mtg. Foot Hole Size

Note: Used w/ 8-107 needle bearing

Components:

46-1550 Mounting Bushing

33SI, 34SI Series



22-155

Rectifier End Frame

For: Delco 33SI Series IR/EF Alternators

Replaces: Delco 10491175

Unit Nos: Delco 19011150, 19011151, 19011152, 19011153, 19011154, 19011155, 19011156, 19011158, 19011159, 19011160, 19011161, 19011162, 19011163, 19011171, 19011173, 19011174, 19011175, 19011180, 19011182, 19011192

Lester Nos: 8080, 8083

Dim: 1/2" Mtg. Foot Hole Size

Note: Used w/ 8-107 Needle bearing

Components:

46-1550 Mounting Bushing



22-156

Rectifier End Frame

For: Delco 34SI Series IR/EF Alternators

Replaces: Delco 10491342

Unit Nos: Delco 19011157, 19011167, 19011168, 19011169, 19011170, 19011172, 19011179, 19011186, 19011191

Lester Nos: 8090, 8092

Dim: 1/2" Mtg. Ear Hole Size

1/2" Mtg. Foot Hole Size

Note: Used w/ 8-107 needle bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

DELCO

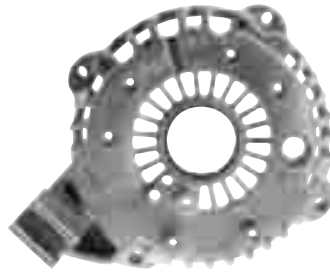
33SI, 34SI Series (cont'd.)



22-166

Rectifier End Frame

For: Delco 34SI Series IR/EF Alternators
Replaces: Delco 10483417
Unit Nos: Delco 19011176, 19011177, 19011187
Lester Nos: 8095, 8096, 8097
Dim: 12mm Mtg. Ear Hole Size
 12mm Mtg. Foot Hole Size
Note: Used w/ 8-107 needle bearing



22-162

S.R.E. Frame

For: Delco AD230 Series IR/IF Alternators
Used On: (2005-00) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10442782, 10442783, 10480241, 10480411
Lester Nos: 8245, 8285, 8287
WAI Ref. Nos: 1-2219-01DR, 1-2416-01DR, 1-2416-02DR
Components:
 46-1572 Tolerance Ring



22-163

S.R.E. Frame

For: Delco AD237 Series IR/IF Alternators
Used On: (2001-99) Buick
Unit Nos: Delco 10480244, 10480368, 10480428
Lester Nos: 8235, 8244, 8286
WAI Ref. Nos: 1-2198-01DR, 1-2220-01DR
Note: Used w/ 21-178 D.E. Frame
Components:
 46-1572 Tolerance Ring

AD237 Series

AD230 Series



22-161

S.R.E. Frame

For: Delco AD230 Series IR/IF Alternators
Used On: (2005-00) Chevrolet, GMC
Unit Nos: Delco 10480229, 10480271, 10480326, 10480388, 15755616, 15768829, 15769252
Lester Nos: 8238, 8247, 8273, 8291
WAI Ref. Nos: 1-2320-21DR, 1-2415-41DR
Components:
 46-1572 Tolerance Ring



22-160

S.R.E. Frame

For: Delco AD237 Series IR/IF Alternators
Used On: (2001-99) Oldsmobile
Unit Nos: Delco 10480303, 10480341
Lester Nos: 8241, 8278
WAI Ref. Nos: 1-2199-01DR, 1-2365-01DR
Note: Used w/ 21-175 D.E. Frame.
Components:
 46-1572 Tolerance Ring

AD244 Series



22-164

S.R.E. Frame

For: Delco AD244 Series IR/IF Alternators
Used On: (2002-99) Chevrolet, GMC
Replaces: Delco 10482941
Unit Nos: Delco 10480234, 10480390, 15768830, 15769253
Lester Nos: 8237, 8492
WAI Ref. Nos: 1-2418-41DR, 1-2419-21DR
Dim: Stator Bore Depth: 4mm
Note: Similar to 22-168 except 22-168 has 6mm stator bore depth.
 Used w/ 21-179-1 D.E. Frame
Components:
 46-1572 Tolerance Ring

ALTERNATOR - FRAMES, S.R.E. (22-)



22-168

S.R.E. Frame

For: Delco AD244 Series IR/IF Alternators

Used On: (2005-01) Chevrolet, GMC

Unit Nos: Delco 15750871

Lester Nos: 8237

WAI Ref. Nos: 1-2419-21DR

Dim: Stator Bore Depth: 6mm

Note: Similar to 22-164 except 22-164 has 4mm stator bore depth.

Used w/ 21-185-1 D.E. Frame.

Components:

46-1572 Tolerance Ring



22-170

S.R.E. Frame

For: Delco AD244 Series IR/IF Alternators

Used On: (2005-02) Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Saab

Unit Nos: Delco 15062413, Isuzu 8-10464-468-0, Saab 10-46-4468

Lester Nos: 8290

WAI Ref. Nos: 1-2417-01DR

Dim: Stator Bore Depth: 6mm

Components:

46-1572 Tolerance Ring

CS121 Series



22-124

S.R.E. Frame

For: Delco CS121 Series IR/EF Alternators

Used On: (1993-88) Pontiac

Replaces: Delco 10498011

Unit Nos: Delco 1101531, 1101563, 1101564, 1101816

Lester Nos: 7929, 7954

Dim: 8mm Mtg. Foot Hole Size

Note: Used w/ 12-100-1 metal tolerance ring & 6000 ball bearing.



22-141

S.R.E. Frame

For: Delco CS121 Series IR/EF Alternators

Used On: (1994-87) Buick, Chevrolet, Jeep, Oldsmobile, Pontiac; Caterpillar, Hyster, Towmotor

Replaces: Delco 10469984, 10496053

Unit Nos: Delco 1101168, 1101171, 1101172, 1101175, 1101176, 1101291, 1101319, 1101320, 1101321, 1101483, 1101565, 1102614, 1102615, 1105697, 10479815, 10479816, 10480067

Lester Nos: 7817, 7818, 7819, 7873, 7926, 7937, 8179

Dim: M8 x 1.25 Mtg. Hole

Note: With 6.5mm deep stator bore to accept 80 amp stator.

Used w/ 46-1560 plastic tolerance ring & 6000 ball bearing.

CS121D Series



22-157

S.R.E. Frame

For: Delco CS121D Series IR/IF Alternators

Used On: (2002-97) Saturn

Unit Nos: Delco 21023969, 21024727

Lester Nos: 8232

CS130 Series



22-125

S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1995-88) Chevrolet, Dodge, Eagle, Freightliner, Pontiac

Replaces: Delco 10474269

Unit Nos: Delco 1101266, 1101267, 1101638, 1101644, 1102644, 10479969, 10479976, 10480157

Lester Nos: 7973, 8114, 8217

Dim: M8 x 1.25 Mtg. Hole

10mm Mtg. Foot Hole Size

Note: Late style S.R.E. frame, designed for 46-1560 or 46-1562 plastic tolerance ring.

Used w/ 6000 or 62000 ball bearing.

Components:

46-1559 Mounting Bushing

ALTERNATOR - FRAMES, S.R.E. (22-)

DELCO

CS130 Series (cont'd.)



22-126

S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1997-86) Buick, Cadillac, Chevrolet, Chevrolet Truck, Eagle, GMC, GMC Truck, Isuzu, Jeep, Oldsmobile, Pontiac

Replaces: Delco 10473709, 10474266, 10479357, D3340, D3341

Lester Nos: 7801, 7802, 7803, 7804, 7807, 7808, 7820, 7858, 7859, 7860, 7861, 7867, 7870, 7872, 7880, 7883, 7886, 7888, 7894, 7897, 7902, 7903, 7910, 7914, 7917, 7921, 7925, 7933, 7939, 7945, 7960, 7964, 7974, 7977, 7981, 8103, 8137, 8154, 8165, 8166, 8167, 8169, 8189

Dim: M8 x 1.25 Mtg. Hole

Note: Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing



22-132

S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1993-92) Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10474091

Unit Nos: Delco 10479998, 10480105

Lester Nos: 8130

Dim: M8 x 1.25 Mtg. Hole

Note: 22-132 has tab casted into S.R.E. frame for attaching plastic air duct from vehicle.

Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing.



22-137

S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1997-92) Saturn

Replaces: Delco 10477626

Unit Nos: Delco 21021447, 21022772, 21023516, 21023702, 21023724

Lester Nos: 8107, 8215

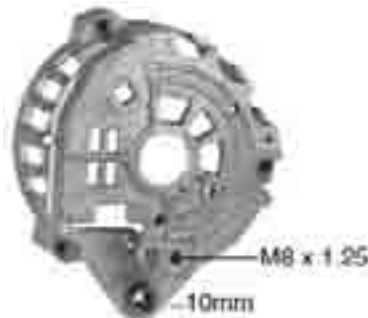
Dim: M8 x 1.25 Mtg. Hole

8mm Mtg. Foot Hole Size

Note: Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing

Components:

46-1565 Mounting Bushing



22-145

S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators

Used On: (1998-94) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10475912

Unit Nos: Delco 10480025, 10480172, 10480181, 10480265

Lester Nos: 8171, 8198, 8202, 8225

Dim: M8 x 1.25 Mtg. Hole

10mm Mtg. Foot Hole Size

Note: Used w/ 46-1560 or 46-1562 plastic tolerance ring & 6000 or 62000 ball bearing

Components:

46-1559 Mounting Bushing

CS130D Series



22-138

S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators

Used On: (2002-94) Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac

Unit Nos: Delco 10479981, 10479984, 10480017, 10480043, 10480072, 10480074, 10480076, 10480078, 10480187, 10480188, 10480189, 10480190, 10480191, 10480250, 10480252, 10480289, 10480321, 10480361

Lester Nos: 8158, 8160, 8190, 8199, 8208, 8223, 8233

WAI Ref. Nos: 1-1798-21DR,

1-1802-21DR, 1-1802-31DR,

1-1802-42DR, 1-1986-41DR,

1-2019-11DR, 1-2043-11DR,

1-2067-31DR, 1-2175-31DR

Dim: (2) M8 x 1.25 Mtg. Holes

5mm End Frame Mating Bore Depth

Note: Used w/ 6202 ball bearing



22-139

S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators

Used On: (1999-93) Buick, Chevrolet, Oldsmobile, Pontiac

Unit Nos: Delco 10480052, 10480071, 10480119, 10480195, 10480196, 10480217, 10480233, 10480235, 10480236, 10480237, 10480238, 10480259, 10480263, 10480353

Lester Nos: 8155, 8156, 8222

WAI Ref. Nos: 1-1797-01DR,

1-1797-02DR, 1-1799-01DR,

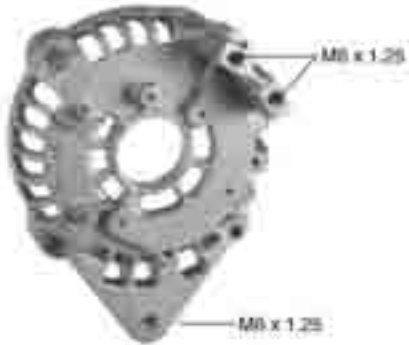
1-1799-02DR, 1-2068-01DR

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ALTERNATOR - FRAMES, S.R.E. (22-)

(cont'd.)

Dim: 10mm Mtg. Foot Hole Size
(2) M8 x 1.25 Mtg. Holes
5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing
Components:
46-1566 Mounting Bushing



22-146
S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-95) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480182, 10480218, 10480240, 10480260, 10480262, 10480264, 10480301, 10480307, 10480351, 10480354, 10480378
Lester Nos: 8200, 8224
WAI Ref. Nos: 1-1985-01DR, 1-2070-01DR, 1-2070-02DR, 1-2290-01DR
Dim: M8 x 1.25 Mtg. Foot Hole Size
(2) M8 x 1.25 Mtg. Holes
5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing



22-149
S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2000-96) Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile
Unit Nos: Delco 10480167, 10480168, 10480170, 10480198, 10480251, 10480254
Lester Nos: 8206, 8216, 8227, 8231
WAI Ref. Nos: 1-1995-21DR, 1-1995-22DR, 1-2042-21DR, 1-2156-21DR

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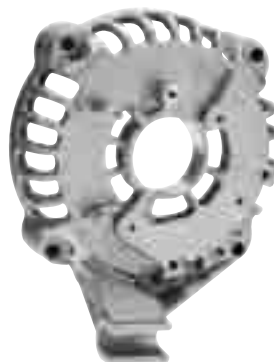
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Dim: M8 x 1.25 Mtg. Hole
5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing



22-150
S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2000-96) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480079, 10480322, 10480332, 10480336
Lester Nos: 8197, 8230
WAI Ref. Nos: 1-2020-01DR, 1-2135-01DR, 1-2322-01DR
Dim: 5mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing. Similar to 22-158 except 22-158 end frame mating bore depth is 6mm.



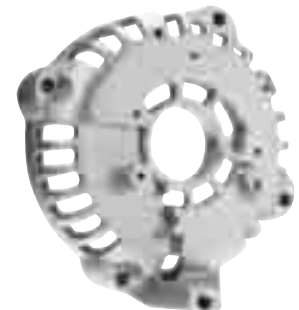
22-158
S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10480184, 10480207, 10480299, 10480317, 10480318, 10480320
Lester Nos: 8228, 8229, 8230, 8249
WAI Ref. Nos: 1-2069-01DR, 1-2071-01DR, 1-2135-01DR, 1-2222-01DR, 1-2322-01DR
Dim: 6mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing. Similar to 22-150 except 22-150 end frame mating bore depth is 5mm. Similar to 22-159 except 22-159 has the thru bolt holes rotated to a different location.



22-159
S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2001-99) Buick, Chevrolet, Pontiac
Unit Nos: Delco 10437987, 10437988, 10480292, 10480330, 10480331, 10480346, 10480348, 10480352
Lester Nos: 8234, 8243
WAI Ref. Nos: 1-2213-01DR, -02DR; 1-2214-01DR, -02DR
Dim: 6mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing. Similar to 22-158 except 22-158 has the thru bolt holes rotated to a different location.



22-167
S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2001-98) Chevrolet, Pontiac
Unit Nos: Delco 10480308, 10480342, 10480343
Lester Nos: 8242
WAI Ref. Nos: 1-2177-21DR
Dim: M8 x 1.25 Mtg. Hole
6mm End Frame Mating Bore Depth
Note: Used w/ 6202 ball bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

DELCO

CS130 Series (cont'd.)



22-171

S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators

Used On: (2005-00) Chevrolet, GMC, Oldsmobile

Unit Nos: Delco 10480288, 15760058

Lester Nos: 8283

WAI Ref. Nos: 1-2398-11DR

Dim: 5mm End Frame Mating Bore Depth. Machined on the inside.

Note: Used w/ 6202 ball bearing.



22-172

S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators

Used On: (1999-97) Acura, Honda
Unit Nos: Delco 10480228, 10463963, 10464417; Honda 31100-P8A-A01, -A02

Lester Nos: 8220

WAI Ref. Nos: 1-2058-11DR

Dim: 7mm End Frame Mating Bore Depth. Machined on the outside.

Note: Used w/ 6202 ball bearing

CS144 Series



22-120

S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators

Used On: (1997-86) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

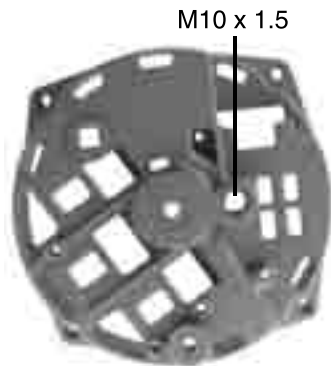
Replaces: Delco 1989706, 10468851

Unit Nos: Delco 1101133, 182, 183, 212, 213, 214, 237, 238, 239, 250, 263, 270, 274, 294, 295, 296, 316, 325, 326, 329, 330, 331, 349, 454, 482, 486, 487, 491, 493, 518, 561, 566, 567, 573, 574, 591, 597, 604, 623, 648, 805, 849; 1102634, 635, 637, 639, 641, 642, 643; 1105615, 616, 625, 626, 657, 684, 685; 10479809, 836, 838, 839, 843, 847, 853, 854, 855, 884, 904, 907, 959; 10480121, 131

Lester Nos: 7805, 7806, 7812, 7813, 7863, 7864, 7901, 7918, 7955, 7959, 8119

Dim: M8 x 1.25 Mtg. Hole
M10 x 1.50 Mtg. Hole

Note: Used w/ 6-100-84 ball bearing



22-128

S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators

Used On: (1990-89) Cadillac

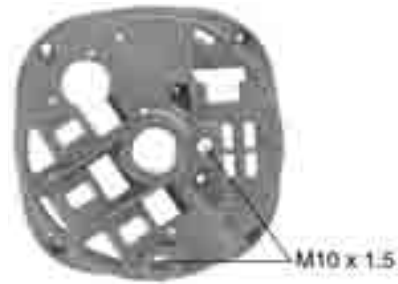
Replaces: Delco 10467412

Unit Nos: Delco 1101490, 1101519, 10479844

Lester Nos: 7942

Dim: M10 x 1.5 Mtg. Hole

Note: Used w/ 6-100-84 ball bearing



22-133

S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators

Used On: (2002-93) Cadillac, Chevrolet, GMC, Oldsmobile

Replaces: Delco 10474366

Unit Nos: Delco 1101850, 10479995, 10480019, 10480122, 10480177, 10480282, 10480296, 10480297, 10480310, 10480311

Lester Nos: 8113, 8127, 8188, 8214, 8226

Dim: (2) M10 x 1.5 Mtg. Holes

Note: Used w/ 8-122 needle bearing



22-134

S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators

Used On: (1995-91) Buick, Cadillac, Oldsmobile, Pontiac

Replaces: Delco 10474212

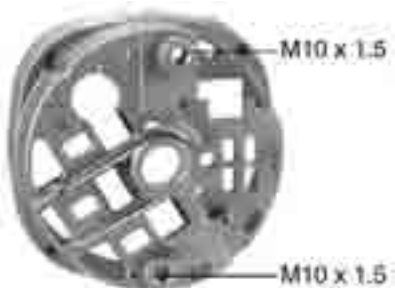
Unit Nos: Delco 1102625, 10479966, 10480009, 10480010, 10480012, 10480034, 10480116

Lester Nos: 7966, 7984, 8134, 8136

Dim: M10 x 1.5 Mtg. Hole

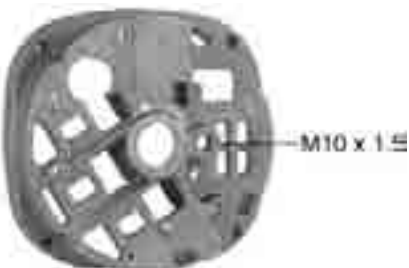
Note: Used w/ 8-122 needle bearing.

Has cut-out in S.R.E. frame for 46-1201 terminal block used on heated windshield applications.



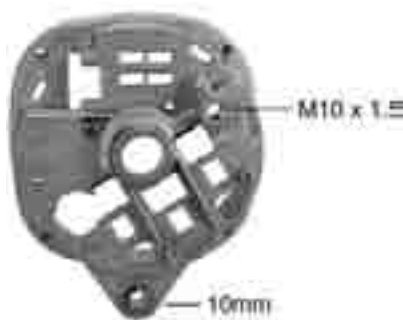
22-142
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (2000-93) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
Replaces: Delco 10476416, 10478014
Unit Nos: Delco 10480111, 10480120, 10480130, 10480133, 10480135, 10480138, 10480139, 10480156, 10480171, 10480186, 10480192, 10480200, 10480202, 10480203, 10480206, 10480255, 10480267, 10480269
Lester Nos: 8172, 8173, 8174, 8191, 8192, 8193, 8203, 8209, 8218, 8219, 8221
Dim: (2) M10 x 1.5 Mtg. Holes
Note: Used w/ 8-122 needle bearing. wo/ inboard mounting boss.



22-147
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1996-91) Buick, Cadillac, Chevrolet, Chevrolet Truck, GMC, GMC Truck, Oldsmobile, Pontiac
Replaces: Delco 10474203
Unit Nos: Delco 1101818, 1101819, 10479891, 10480008, 10480011, 10480018, 10480022, 10480023, 10480024, 10480026, 10480033, 10480048, 10480201
Lester Nos: 7678, 7684, 7969, 7985, 8112, 8163, 8175, 8183
Dim: M10 x 1.5 Mtg. Hole
Note: Used w/ 8-122 needle bearing



22-153
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1998-96) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10489795
Unit Nos: Delco 10480077, 10480211
Lester Nos: 8204
Dim: M10 x 1.5 Mtg. Hole
 Mtg. Foot: 10mm
Note: Used w/ 8-122 needle bearing
Components:
 46-1566 Mounting Bushing



22-154
S.R.E. Frame

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-96) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10489379
Unit Nos: Delco 10480204, 10480205, 10480227, 10480278, 10480279, 10480363
Lester Nos: 8194, 8213
Dim: M8 x 1.25 Mtg. Hole
Note: Used w/ 8-122 needle bearing

FORD

1G Series



22-201
S.R.E. Frame

For: Ford 1G Series 70-100A ER/EF Alternators
Used On: (1992-73) Ford, Lincoln, Mercury
Replaces: Ford D7VZ-10334-A, GH-314-B
Lester Nos: 7072, 7074, 7705, 7742
Note: Used w/ 8-101-2 needle bearing



22-203
S.R.E. Frame

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Replaces: Ford D4HZ-10334-A, GH-316
Unit Nos: Ford D2TF-10300-HA, D4HF-10300-BA, D4HF-10346-BA, D4HZ-10346-B, D4TF-10300-BA, D4TF-10300-CA, D4TF-10346-BA, D4TZ-10346-B
Lester Nos: 7068, 7069, 7080
Note: Used w/ 8-101-2 needle bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

FORD

1G Series (cont'd.)



22-204

S.R.E. Frame

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford E2HZ-10334-A, GH-364

Unit Nos: Ford E2HZ-10346-B, -C, -D, -E; F0HZ-10346-A, -B, -C, -D, -E, -F

Lester Nos: 7712

Note: Used w/ 8-101-2 needle bearing

3G Series (Small Frame)



22-206

S.R.E. Frame

For: Ford 3G Series 85-95A IR/IF Alternators

Used On: (2005-89) Ford, Ford Truck, Lincoln, Mazda, Mercury

Lester Nos: 7749, 7750, 7755, 7758, 7785, 7794

Dim: Frame OD: 135mm
Mtg. Hole: M8 x 1.25

Note: Used w/ 6-100-84 ball bearing



22-209

S.R.E. Frame

For: Ford 3G Series 95A IR/IF Alternators

Used On: (2005-91) Ford, Lincoln, Mercury

Unit Nos: Ford F1PU-10346-AC, F1VU-10300-BB, F1VU-10300-BB REV 02, F1VU-10300-BC, F1VU-10346-AD, F1VY-10346-A, F1VY-10346-B, F3VU-10300-AA, F6PZ-10346-RA, F7UU-10300-AB

Lester Nos: 7753, 7790

Dim: Frame OD: 135mm
Mtg. Hole: M6 x 1.0
Mtg. Hole: M8 x 1.25

Note: Used w/ 6-100-84 ball bearing

2G Series



22-205

S.R.E. Frame

For: Ford 2G Series IR/EF Alternators

Used On: (1994-84) Ford, Lincoln, Mercury

Replaces: Ford E6FZ-10334-A, E7ZZ-10334-A, E8FZ-10334-A, E99Z-10334-A, GH-368, GH-369, GH-377, GH-387, GH-391

Lester Nos: 7084, 7088, 7716, 7731, 7732, 7735, 7738, 7744, 7745, 7746

Dim: M8 x 1.25 Mtg. Hole

Note: Used w/ 8-101-2 needle bearing

Features:

- Has raised fins on each side of the rectifier mounting
- Stronger thru-bolt mounting bosses, eliminating cracking
- Housing is .400" thick where rectifier heat sink mates
- Threaded mounting holes for regulator



22-207

S.R.E. Frame

For: Ford 3G Series 75-95A IR/IF Alternators

Used On: (2000-91) Ford, Mercury

Unit Nos: Ford F0CZ-10346-A, -C; F23Z-10346-A, F6PZ-10346-UA, F7CZ-10346-CB

Lester Nos: 7751, 7760, 7793

Dim: Frame OD: 135mm

Mtg. Hole: M8 x 1.25

Mtg. Foot Hole Size: M10 x 1.50

Note: Used w/ 6-100-84 ball bearing

Components:

46-2550 Mounting Bushing

3G Series (Large Frame)



22-208

S.R.E. Frame

For: Ford 3G Series 130A IR/IF Alternators

Used On: (2004-90) Ford, Ford Truck, Lincoln, Mazda, Mercury

Unit Nos: Ford 97BB-10300-AC, F0DF-10300-BA; F0DU-10300-BB, -BC; F0DZ-10346-B, -C, -E; F0PU-10346-AD; F1DU-10300-AD, -AE; F1DU-10346-AE; F1DZ-10346-A, -B; F1PU-10346-BE; F2PU-10346-AF, -DE; F2TU-10300-AF, F2TU-10346-AE; F2UU-10300-BE, -DC, -FA; F2UU-10346-BE, F2UZ-10346-B, F37U-10300-AA, F3HT-10300-LA, F3HZ-10346-B, F3PU-10346-BA; F3UU-10300-AE, -AF; F3UZ-10346-A, F4DU-10300-CA, F4PU-10346-BA, F4PZ-10346-B, F4SU-10300-AB, F4ZU-10300-DA; F58U-10300-AA, -AB; F58Z-10346-A, F5HT-10300-BA, F5HZ-10346-E; F5PU-10346-CA, -EA; F5UU-10300-AA, -BA; F6HT-10300-MA; F6PU-10346-AF, -VA; F6PZ-10346-AF, -XA; F6UU-10300-CA, -DA, -EA, -FA; (cont'd.)

ALTERNATOR - FRAMES, S.R.E. (22-)

(cont'd.)

F6UZ-10346-VA, F7PU-10346-FA,
F7RZ-10346-FA, XL1U-10300-BB,
XU2U-10300-AA, XU2U-10346-AA
Lester Nos: 7752, 7756, 7768, 7771,
7777, 7778, 7792, 8267
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Note: Used w/ 6-100-84 ball bearing



22-210
S.R.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (2005-92) Ford, Lincoln, Mercury
Unit Nos: Ford 2C2U-10300-BB, 2L3U-10300-BB, 96BB-10300-AB; F3AU-10300-AC, -BA, -CA; F3AU-10346-AC, F3AZ-10346-A, F3DU-10300-BB, F3DZ-10346-B; F3PU-10346-AC, -CA; F4DU-10300-BA, -DA; F4PU-10346-DA, F4PZ-10346-D, F5AU-10300-AA, F5PU-10346-BA; F5RU-10300-BC, -BC; F5RZ-10346-B, F65U-10300-BB; F6AU-10300-AA, -AB; F6AZ-10346-AA, F6DU-10300-FA, F6PU-10300-AAA; F6PU-10346-AAA, -AAE, -BA, -EB; F6PZ-10346-AE, -B, -EA; F6RZ-10346-BB; F6ZU-10300-AA, -AB; F75U-10300-CA, F7AU-10300-AA, F7AZ-10346-AA, F7PU-10346-KA, F7PZ-10346-KA; F7UU-10300-BB, -CB; F8DU-10300-AA, F8PZ-10346-CA, F8ZU-10300-BA; XL3U-10300-BA, -BB; XS9Z-10346-AB

Lester Nos: 7764, 7765, 7770, 7775, 7776, 7784, 7791
Dim: Frame OD: 148mm
Mtg. Hole: M6 x 1.0
Mtg. Hole: M8 x 1.25
Note: Used w/ 6-100-84 ball bearing
Features:
Wide regulator plug cavity accommodates either style regulator plug harnesses



22-211
S.R.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (1995-94) Ford
Unit Nos: Ford F4DU-10300-AA, F4OU-10300-CA, F4PU-10346-CA, F4PZ-10346-C
Lester Nos: 7769
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Mtg. Foot Hole Size: M10 x 1.50
Note: Similar to 22-212 except 22-212 has 10mm unthreaded mounting foot.
Used w/ 6-100-84 ball bearing.
Components:
46-2550 Mounting Bushing



22-212
S.R.E. Frame

For: Ford 3G Series 130A IR/IF Alternators
Used On: (1997-95) Ford, Mercury
Unit Nos: Ford 94BB-10300-AE, 94BB-10300-AF, 94BB-10300-AH, F4PU-10300-AA, F4PU-10346-AA, F5RZ-10346-A, F6RZ-10346-AA
Lester Nos: 7774, 7789
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Mtg. Foot Hole Size: 10mm
Note: Similar to 22-211 except 22-211 has M10 x 1.50 threaded mounting foot.
Used w/ 6-100-84 ball bearing.
Components:
46-2552 Mounting Bushing
Features:
Wide regulator plug cavity accommodates either style regulator plug harnesses

4G Series



22-213
S.R.E. Frame

For: Ford 4G Series IR/IF Alternators
Used On: (2005-95) Ford, Lincoln, Mercury
Lester Nos: 7773, 7780, 7781, 7786, 7787, 8251
WAI Ref. Nos: 1-1904-11FD, 1-1904-12FD, 1-1988-11FD, 1-1988-12FD, 1-1993-11FD, 1-1993-12FD, 1-2012-21FD, 1-2012-22FD, 1-2024-21FD
Dim: Frame OD: 148mm
Mtg. Hole: M8 x 1.25
Mtg. Foot Hole Size: 10mm
Note: Without diodes, used in FR300-1 rectifier. Used w/ 6-203-84 ball bearing.

6G Series



22-214
S.R.E. Frame

For: Ford 6G Series 130-135A Large Frame IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Unit Nos: Ford F8AU-10300-AB, F8AU-10300-AC, F8AZ-10346-AB, XF2U-10300-BC, XF2Z-10346-BA
Lester Nos: 7795, 8253
WAI Ref. Nos: 1-2158-31FD, 1-2338-11FD
Dim: Frame OD: 139mm
Mtg. Hole: M8 x 1.25
Note: Used w/ 10-1051-4 ball bearing

ALTERNATOR - FRAMES, S.R.E. (22-)

FORD

6G Series (cont'd.)



22-215
S.R.E. Frame

For: Ford 6G Series 105-110A Small Frame IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Unit Nos: Ford 98AB-10300-FC, 98AZ-10346-FA; F81U-10300-BC, CC, DB, DC, EB, GA; F81Z-10346-BA, CA, DA, EA, GA; XF2U-10300-AB, XF2Z-10346-AA, XR3U-10300-AA, XR3Z-10346-AA, XR8U-10300-AE, CE; XR8Z-10346-AA, CE; XW4U-10300-BA, CC, CD; XW4Z-10346-AA, BA, CC; YF1U-10300-FA, YF1Z-10346-FA
Lester Nos: 7788, 7796, 7797, 7798, 7799, 8255, 8256
WAI Ref. Nos: 1-2172-31FD, 1-2173-11FD, 1-2178-31FD, 1-2206-21FD, 1-2209-11FD, 1-2248-31FD, 1-2248-32FD, 1-2264-31FD, 1-2265-21FD, 1-2270-31FD, 1-2348-21FD, 1-2350-11FD
Dim: Frame OD: 130mm
 Mtg. Hole: M8 x 1.25
Note: Used w/ 10-1051-4 ball bearing



22-216
S.R.E. Frame

For: Ford 6G Series 105-110A Small Frame IR/IF Alternators
Used On: (2002-98) Ford, Mercury
Unit Nos: Ford 98AZ-10346-EA, 98BB-10300-CC, F8RZ-10346-CC, XS8Z-10346-BB, XS91-10300-BB
Lester Nos: 8250
WAI Ref. Nos: 1-2207-01FD, 1-2349-01FD
Dim: Frame OD: 134mm
 Mtg. Ear: M8 x 1.25
 Mtg. Foot: M8 x 1.25
Note: Used w/ 10-1051-4 ball bearing

HITACHI



22-8100
S.R.E. Frame

For: Hitachi IR/EF Alternators
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR170-401, LR170-410, LR170-418B, C
Lester Nos: 14735
WAI Ref. Nos: 1-1940-01HI, 1-1940-02HI, 1-2271-01HI



22-501
S.R.E. Frame

For: Leece-Neveille 5500 Series ER/EF, 7600-7700JA Series IR/EF Alternators
Used On: (1997-88) Ford Ambulance (Diesel)
Replaces: Leece-Neveille 71098
Unit Nos: Leece-Neveille 5522AA, 5523AA, 5528A, 7600A, 7600JA, 7601A, 7601AA, 7601JA, 7602A, 7602JA, 7603A, 7604A, 7604JA, 7605A, 7605JA, 7606A, 7606JA, 7607JA, 7700JA, 7702JA, 7704JA, 7705JA, 7706A, 7706JA, 7709JA, 7710JA, 7711JA
Note: Used w/ 6203 ball bearing

LEECE-NEVILLE



22-500
S.R.E. Frame

For: Leece-Neveille 2300-2700JB Series IR/EF Alternators
Replaces: Leece-Neveille 79022
Unit Nos: Leece-Neveille 2300J, 2301J, 2303J, 2304J, 2360J, 2500J, 2509J, 2511J, 2600J, 2670J, 2700J
Dim: 5/16-18 Mtg. Holes
 1/2" Mtg. Foot Hole Size
Note: Used w/ 8-102 needle bearing
Components: 46-5551 Mounting Bushing

MOTOROLA



22-400
S.R.E. Frame

For: Motorola / Prestolite A/8AL, HA/8HA, RA/8AR Series Alternators w/ Isolation Diode
Replaces: Motorola 14-18; Prestolite 114-18
Unit Nos: Motorola / Prestolite 8AL2001, 2002K, 2004F, 2005F, 2006F, 2007F, 2008K, 2009K, 2019F, 2020L, 2022F, 2023G, 2039K, 2071K, 3029L; 8AR2001, 2002, 2004, 2005, 2007, 2008, 2009, 2014G, 2015K, 2016K, 2017F, 2018F, 2022F, 2023K, 2024F, 2033F, 2037F, 2041F, 2044F, 2045K, 2048F, 2049K, 2050F, 2051K, 2052F, 2063F, 2074F; 8HA2002G, 2003F, 2004G, 2005K, 2006F; A12N451, 451D, 452, 525, 550, 550D, 600, 600D, 600T, 601, 601D, AM451, AM453, AM455, AM456, AM457, AM551, AM552, AM553, AM603, AM604, AM605, AM606, AM607, CC453, CC454, CC603, CC604, CH553, CH606, CH607, FT600, JD451, JD452, JD454, JD602, JD603, TK451, TK451R, TK452, TK551, TK552, TK601, TK602, W525, W526, W527, W528, W529, W551, W552, W553, (cont'd.)

(cont'd.)

W554, W601, W602, WC451, WM451;
A12P451, 550, 600, PW554, W554;
A24N900, 900D, 901, 901D, CD900,
JD900, W901, WM901; HA12N451,
N550, N600, N850, P550, P600;
HA24N900, PH601, RA12N451D

Lester Nos: 7091, 7092, 7094, 7095,
7097, 7099, 7391

Note: With 10-24 mtg. holes to accept
'piggyback' regulators.
Used w/ 6200 ball bearing.

NIPPONDENSO



22-8201

S.R.E. Frame

For: Nippondenso 90A ER/IF Alternators
Used On: (1989-85) Chrysler, Dodge,
Plymouth

Unit Nos: Nippondenso 121000-300,
121000-330, 121000-331, 121000-333,
121000-334, 121000-336

Lester Nos: 13184, 13185, 13256,
13305

WAI Ref. Nos: 1-1490-01ND,
1-1490-02ND, 1-1490-03ND,
1-1531-01ND

Dim: M5 x 0.8 Mtg. Arm Studs
10mm Mtg. Foot Hole Size

Note: Used w/ 10-2021-4 ball bearing

Components:

46-82150 Stud - Bearing Retainer
46-82151 Stud - Mounting Arms
46-82554 Mounting Bushing
85-1209 Screw - Bearing Retainer



22-8202

S.R.E. Frame

For: Nippondenso 90A ER/IF Alternators
Used On: (1998-90) Chrysler, Dodge,
Jeep, Plymouth

Unit Nos: Nippondenso 121000-337,
121000-338, 121000-339, 121000-340,
121000-341, 121000-343, 121000-344,
121000-345, 121000-346, 121000-347,
121000-353

Lester Nos: 13245, 13306, 13307,
13312, 13341, 13353, 13354, 13442

WAI Ref. Nos: 1-1503-01ND,
1-1503-02ND, 1-1503-03ND,
1-1503-04ND, 1-1503-05ND,
1-1503-06ND, 1-1510-01ND,
1-1511-01ND, 1-1527-01ND,
1-1527-02ND, 1-1527-03ND

Dim: M6 x 1.0 Mtg. Arm Studs
10mm Mtg. Foot Hole Size

Note: Used w/ 10-2021-4 ball bearing

Components:

46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8204

S.R.E. Frame

For: Nippondenso 60-80A IR/IF
Alternators

Used On: (1997-84) Acura, Geo,
Honda, Isuzu, Suzuki, Toyota

Unit Nos: Nippondenso 100211-103,
-104, -105, -108, -109, -111, -118, -200,
-201, -203, -205, -206, -207, -210, -213,
-214, -215, -250, -303, -309, -316, -317,
-318, -326, -339, -340, -706, -710, -713,
-733, -745, -757, -782, -971, -977, -984;
101211-019, -020, -025, -034, -053,
-055, -074, -412

(cont'd.)

(cont'd.)

Lester Nos: 13319, 13326, 13398,
13409, 13455, 13456, 13486, 13492,
13509, 13512, 13659, 13673, 13680,
14455, 14457, 14458, 14591, 14643,
14668, 14678, 14679, 14680, 14682,
14683, 14756, 14855, 14857, 14939,
14941, 14974

WAI Ref. Nos: 1-1002-01ND;
1-1007-01ND, -02ND; 1-1008-01ND,
1-1036-01ND, 1-1051-01ND,
1-1054-01ND, 1-1055-01ND;
1-1062-01ND, -02ND; 1-1077-01ND,
1-1090-01ND; 1-1166-01ND, -02ND;
1-1242-01ND, -02ND; 1-1418-01ND,
1-1831-01ND, 1-1839-01ND,
1-1892-01ND, 1-1930-01ND,
1-1935-01ND, 1-1966-01ND,
1-2051-01ND, 1-2081-01ND,
1-2148-02ND

Dim: M5 x 0.8 Mtg. Arm Studs
10mm Mtg. Foot Hole Size

Note: Used w/ 10-2021-4 ball bearing

Components:

46-82150 Stud - Bearing Retainer



22-8208

S.R.E. Frame

For: Nippondenso 90A ER/IF Alternators
Used On: (1997-93) Chrysler, Dodge,
Eagle, Plymouth

Unit Nos: Nippondenso 121000-348,
121000-357, 121000-358

Lester Nos: 13443

WAI Ref. Nos: 1-1592-01ND

Dim: 10mm Mtg. Foot Hole Size

Note: Used w/ 10-2021-4 ball bearing

Components:

46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer

ALTERNATOR - FRAMES, S.R.E. (22-)

NIPPONDENSO (cont'd.)



22-8209
S.R.E. Frame

For: Nippondenso 50/120A ER/IF Alternators

Used On: (1989-88) Chrysler, Dodge, Plymouth

Unit Nos: Nippondenso 121000-400, 121000-401, 121000-403, 121000-409, 121000-410

Lester Nos: 13280, 13304, 13308, 13313

WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND

Dim: M5 x 0.8 Mtg. Arm Studs
10mm Mtg. Foot Hole Size

Note: Used w/ 10-2021-4 ball bearing

Components:

46-82150 Stud - Bearing Retainer
46-82151 Stud - Mounting Arms
46-82554 Mounting Bushing
85-1209 Screw - Bearing Retainer



22-8210
S.R.E. Frame

For: Nippondenso 120A ER/IF Alternators

Used On: (1998-90) Chrysler, Dodge, Jeep, Plymouth

Unit Nos: Nippondenso 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-412, 121000-413, 121000-415, 121000-417

Lester Nos: 13301, 13302, 13309, 13310, 13311, 13453, 13742, 13746

WAI Ref. Nos: 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND, 1-1504-06ND, 1-2074-01ND, 1-2087-01ND

Dim: M6 x 1.0 Mtg. Arm Studs
10mm Mtg. Foot Hole Size

Note: Used w/ 10-2021-4 ball bearing

Components:

46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8221
S.R.E. Frame

For: Nippondenso 90A ER/IF Series Alternators

Used On: (2000-96) Chrysler, Dodge, Plymouth

Unit Nos: Chrysler 4686098, 4727220; Nippondenso 121000-352

Lester Nos: 13593

WAI Ref. Nos: 1-2073-01ND

Dim: 10mm Mtg. Foot Hole Size
121mm Stator Bore

Note: 20mm L mounting bushing.
Used w/ 10-2021-4 ball bearing.

Similar to 22-8223 except 22-8223 has 30mm L mounting bushing.

Components:

46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8220
S.R.E. Frame

For: Nippondenso 90A ER/IF Series Alternators

Used On: (2000-95) Chrysler, Dodge, Plymouth

Unit Nos: Chrysler 4609415, Nippondenso 121000-351

Lester Nos: 13578

WAI Ref. Nos: 1-1972-01ND

Dim: 10mm Mtg. Foot Hole Size
121mm Stator Bore

Note: Used w/ 10-2021-4 ball bearing.

Components:

46-82150 Stud - Bearing Retainer
85-1209 Screw - Bearing Retainer



22-8222
S.R.E. Frame

For: Nippondenso 136A ER/IF Alternators

Used On: (2000-99) Dodge

Unit Nos: Chrysler 56005686AB, 56027221AB; 56027913AB, AC; 56028920AA; Nippondenso 121000-427, -428, -429, -435

Lester Nos: 13766, 13824, 13842

WAI Ref. Nos: 1-2226-01ND, 1-2227-01ND, 1-2227-02ND

Dim: 10mm Mtg. Foot Hole Size
133mm Stator Bore

Note: 30mm L mounting bushing.
Used w/ 10-2021-4 ball bearing.



22-8223
S.R.E. Frame

For: Nippondenso 117A ER/IF Series Alternators
Used On: (2003-99) Dodge, Jeep
Unit Nos: Chrysler 56005684AB, 56005685AC, 56027912AB, 56029913AA; 56041822AA, AB; Nippondenso 121000-361, 121000-362, 121000-363, 121000-367, 121000-376, 121000-378
Lester Nos: 13822, 13823, 13834, 13910
WAI Ref. Nos: 1-2224-01ND, 1-2225-01ND, 1-2285-01ND; 1-2388-01ND, -02ND
Dim: 10mm Mtg. Foot Hole Size 121mm Stator Bore
Note: 30mm L mounting bushing. Used w/ 10-2021-4 ball bearing. Similar to 22-8221 except 22-8221 has 20mm L mounting bushing.
Components:
 46-82150 Stud - Bearing Retainer
 85-1209 Screw - Bearing Retainer



22-8224
S.R.E. Frame

For: Nippondenso 120A ER/IF Series Alternators
Used On: (2000-96) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4609230AA, 4671320; Nippondenso 121000-421, 121000-426
Lester Nos: 13592, 13741
WAI Ref. Nos: 1-2007-01ND, 1-2056-01ND
Dim: 10mm Mtg. Foot Hole Size 133mm Stator Bore
Note: Used w/ 10-2021-4 ball bearing.
Components:
 46-82150 Stud - Bearing Retainer
 85-1209 Screw - Bearing Retainer



22-8225
S.R.E. Frame

For: Nippondenso 120-140A ER/IF Series Alternators
Used On: (2001-98) Chrysler, Dodge
Unit Nos: Chrysler 4606822AA, 4609999AB, 4896123AA; Nippondenso 121000-423, 121000-437, 121000-458
Lester Nos: 13763, 13964
WAI Ref. Nos: 1-2188-01ND, 1-2289-01ND
Dim: M10 x 1.50 Mtg. Foot Hole Size 133mm Stator Bore
Note: Used w/ 10-2021-4 ball bearing.
Components:
 46-82150 Stud - Bearing Retainer
 85-1209 Screw - Bearing Retainer

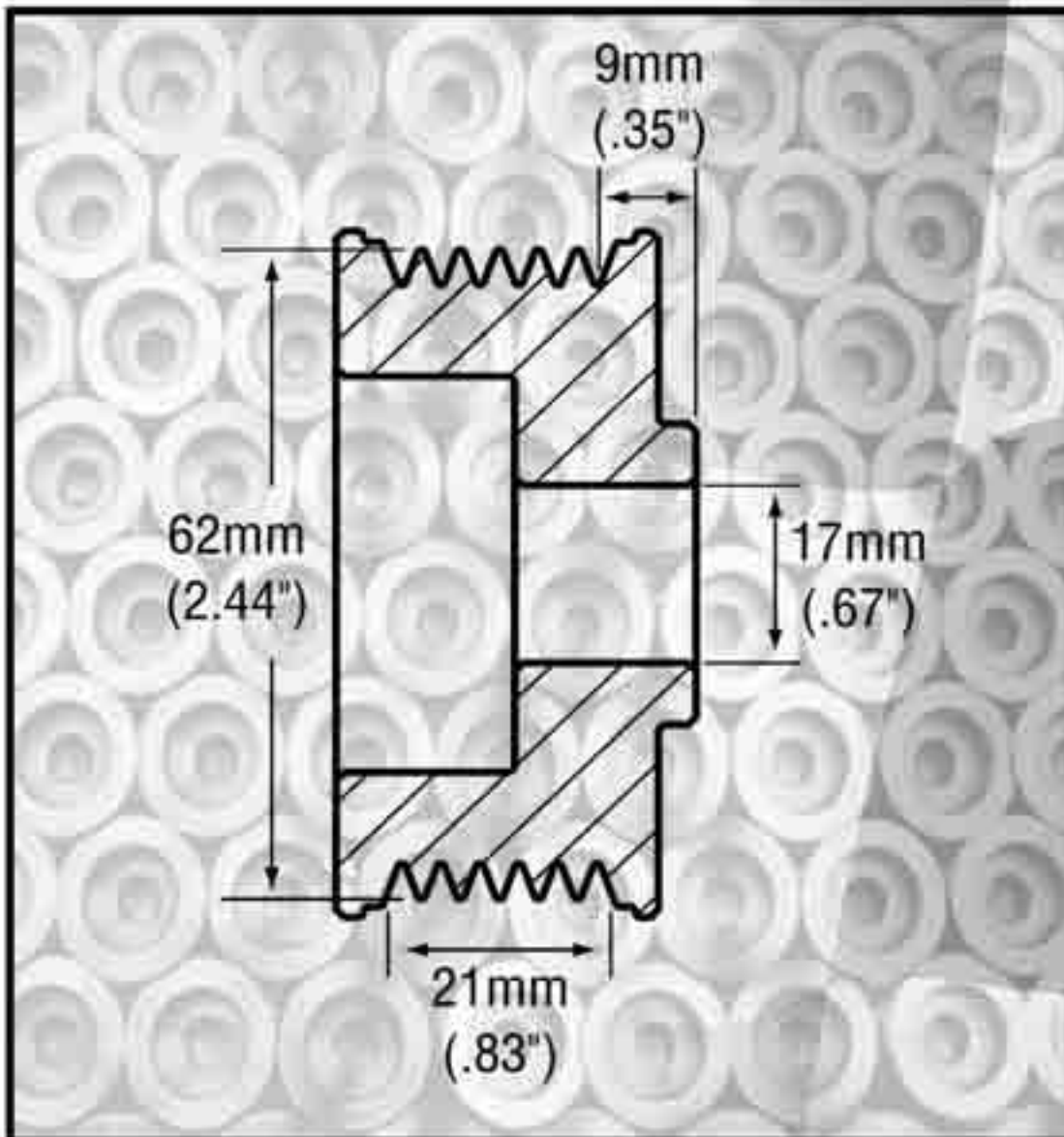


22-8226
S.R.E. Frame

For: Nippondenso 136A ER/IF Series Alternators
Used On: (2005-99) Dodge, Jeep
Unit Nos: Chrysler 56041324, AC; 56041557AA, 56041693AC; Nippondenso 121000-292, 121000-425, 121000-454
Lester Nos: 13790, 13873
WAI Ref. Nos: 1-2286-01ND, 1-2345-01ND, 1-2497-01ND
Dim: M10 x 1.25 Mtg. Foot Hole Size 133mm Stator Bore
Note: Used w/ 10-2021-4 ball bearing.
Components:
 46-82150 Stud - Bearing Retainer
 85-1209 Screw - Bearing Retainer

PULLEY

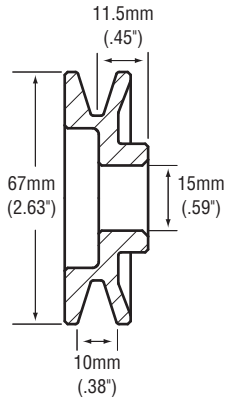
DIMENSION CHART



ALTERNATOR - PULLEY DIMENSION CHART

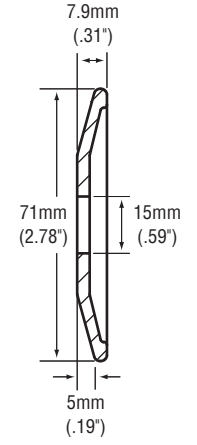
15MM BORE

1-Groove



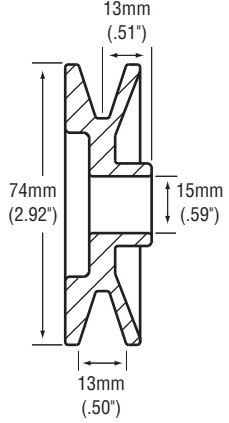
11.5mm (.45")
67mm (2.63")
15mm (.59")
10mm (.38")

24-82105



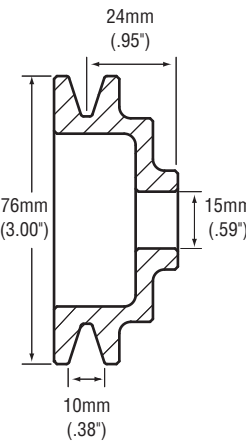
7.9mm (.31")
71mm (2.78")
15mm (.59")
5mm (.19")

24-83101



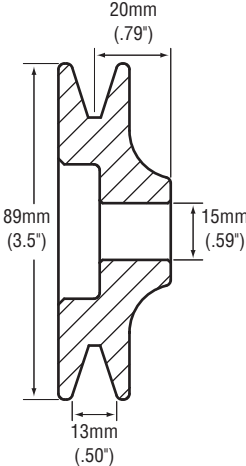
13mm (.51")
74mm (2.92")
15mm (.59")
13mm (.50")

24-83102



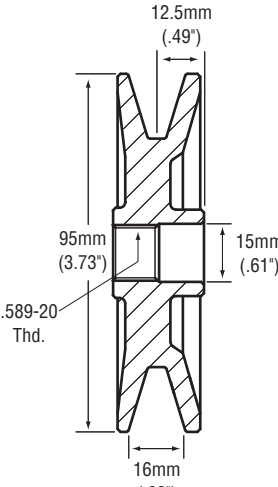
24mm (.95")
76mm (3.00")
15mm (.59")
10mm (.38")

24-83103



20mm (.79")
89mm (3.5")
15mm (.59")
13mm (.50")

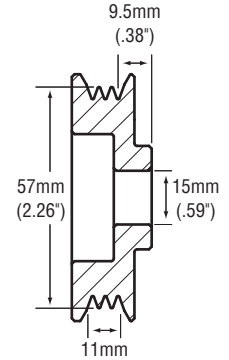
81-92700



12.5mm (.49")
95mm (3.73")
15mm (.61")
16mm (.63")
.589-20 Thd.

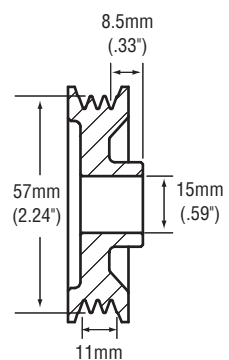
81-2701

3-Groove



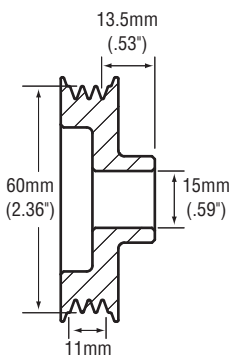
9.5mm (.38")
57mm (2.26")
15mm (.59")
11mm

24-82251



8.5mm (.33")
57mm (2.24")
15mm (.59")
11mm

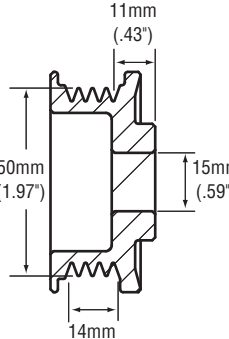
24-83251



13.5mm (.53")
60mm (2.36")
15mm (.59")
11mm

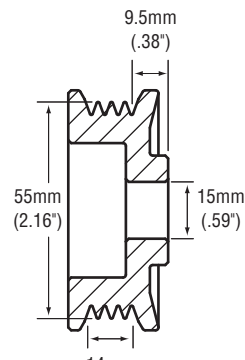
24-83250

4-Groove



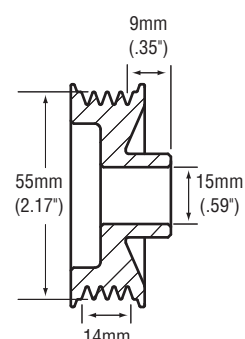
11mm (.43")
50mm (1.97")
15mm (.59")
14mm

24-82264



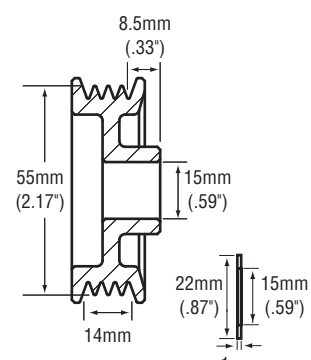
9.5mm (.38")
55mm (2.16")
15mm (.59")
14mm

24-82256



9mm (.35")
55mm (2.17")
15mm (.59")
14mm

24-83252

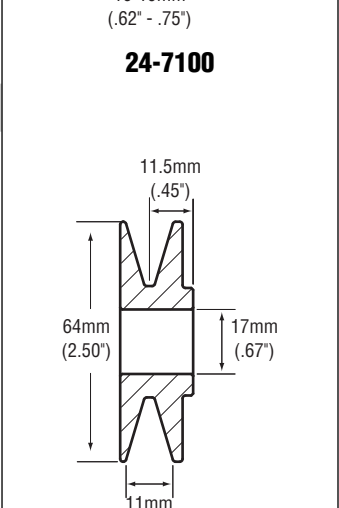
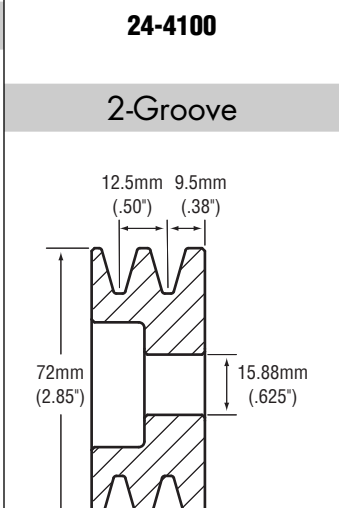
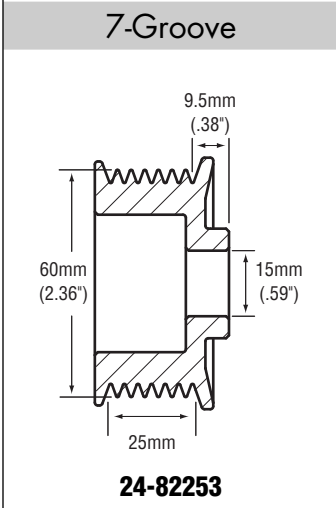
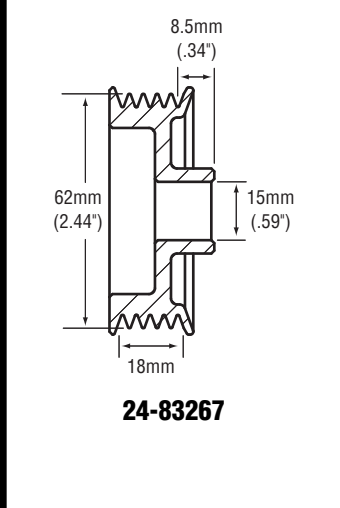
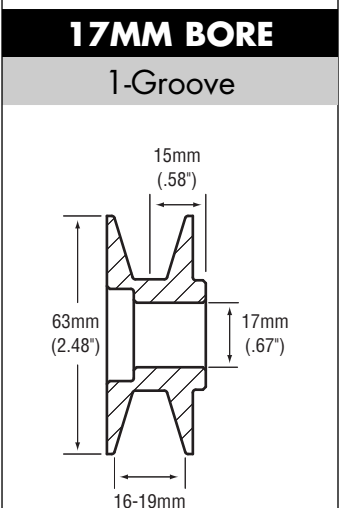
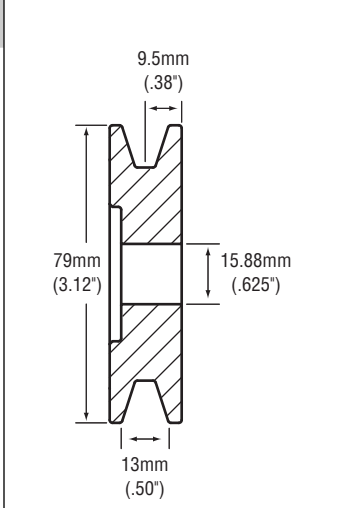
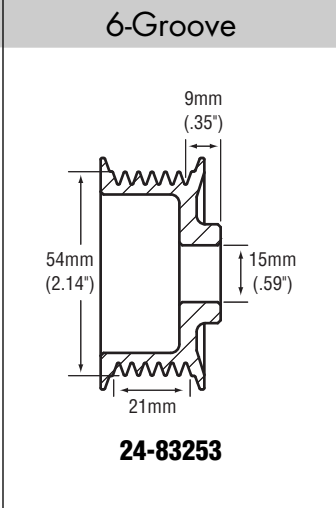
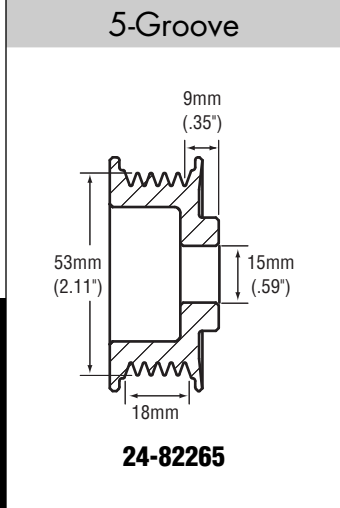
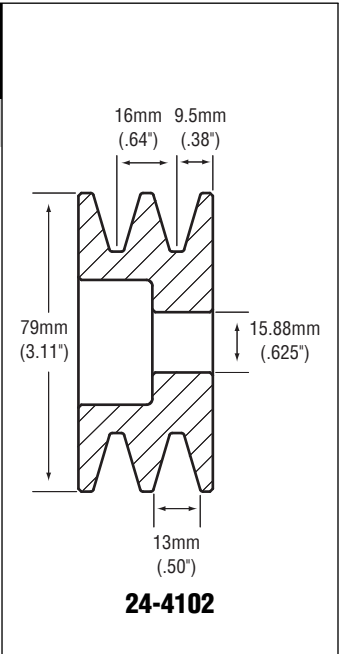
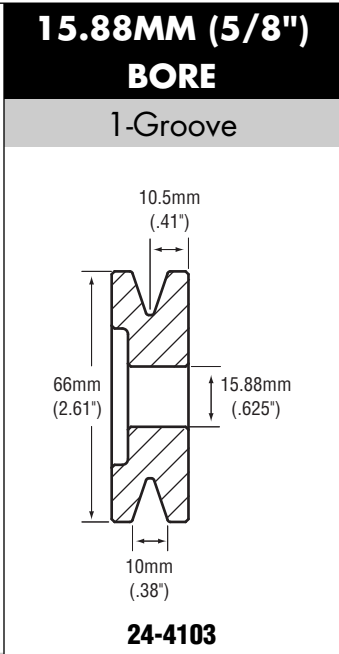
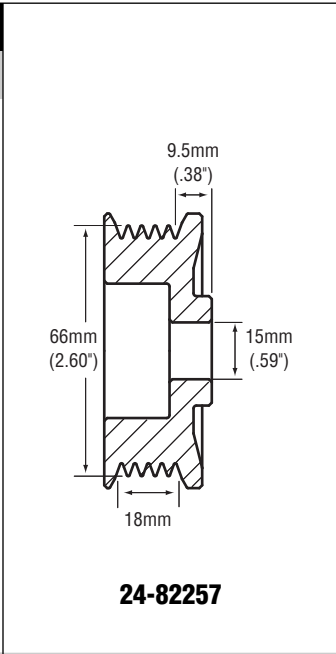
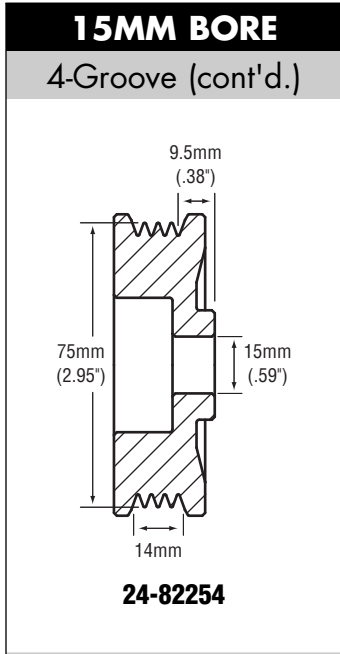


8.5mm (.33")
55mm (2.17")
15mm (.59")
14mm

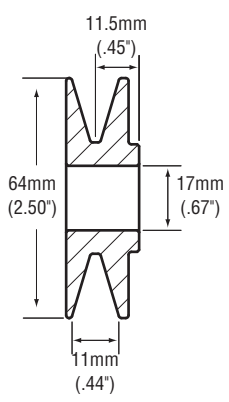
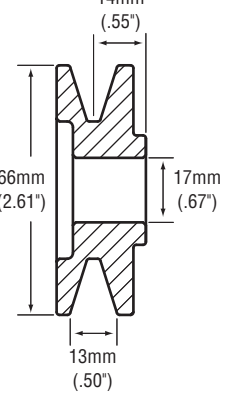
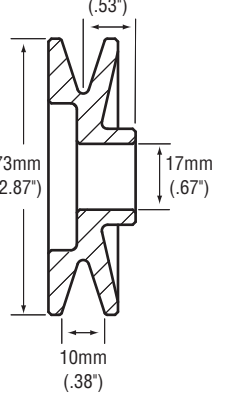
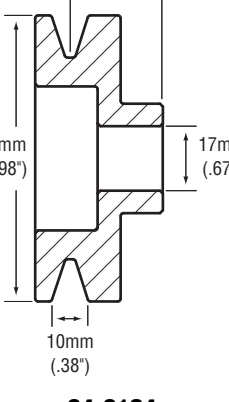
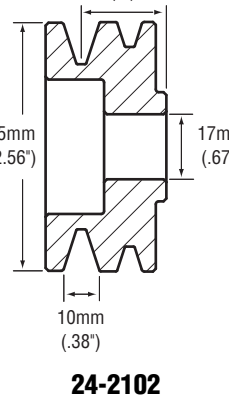
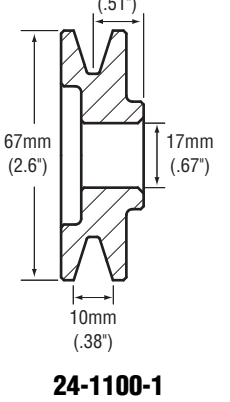
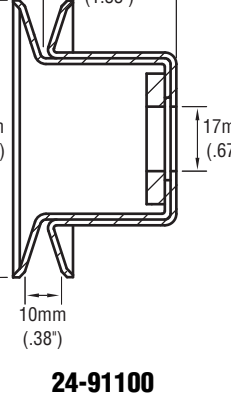
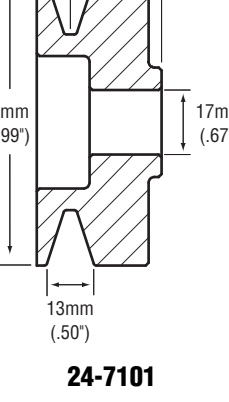
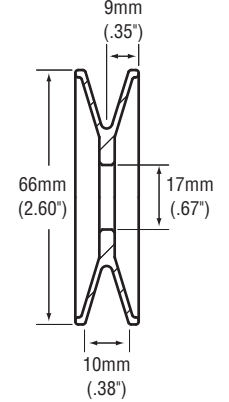
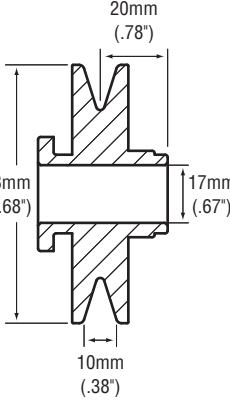
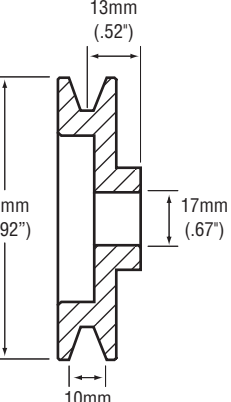
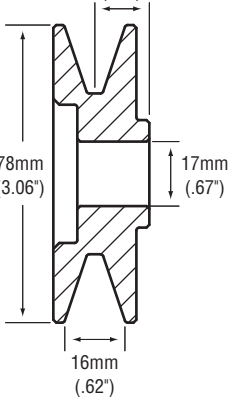
22mm (.87")
15mm (.59")
1mm (.04")
46-89602 Spacer

24-83265

ALTERNATOR - PULLEY DIMENSION CHART



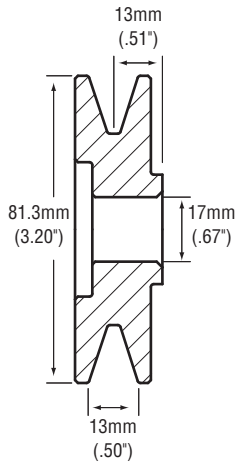
ALTERNATOR - PULLEY DIMENSION CHART

 <p>11.5mm (.45") 64mm (2.50") 17mm (.67") 11mm (.44")</p> <p>24-1111</p>	 <p>14mm (.55") 66mm (2.61") 17mm (.67") 13mm (.50")</p> <p>24-1109</p>	 <p>13.5mm (.53") 73mm (2.87") 17mm (.67") 10mm (.38")</p> <p>24-83104</p>	 <p>24.5mm (.96") 76mm (2.98") 17mm (.67") 10mm (.38")</p> <p>24-2104</p>
 <p>24.5mm (1") 65mm (2.56") 17mm (.67") 10mm (.38")</p> <p>24-2102</p>	 <p>13mm (.51") 67mm (2.6") 17mm (.67") 10mm (.38")</p> <p>24-1100-1</p>	 <p>34mm (1.33") 73mm (2.89") 17mm (.67") 10mm (.38")</p> <p>24-91100</p>	 <p>24mm (.95") 76mm (2.99") 17mm (.67") 13mm (.50")</p> <p>24-7101</p>
 <p>9mm (.35") 66mm (2.60") 17mm (.67") 10mm (.38")</p> <p>24-1103</p>	 <p>20mm (.78") 68mm (2.68") 17mm (.67") 10mm (.38")</p> <p>24-3101-1</p>	 <p>13mm (.52") 74mm (2.92") 17mm (.67") 10mm (.38")</p> <p>24-81103</p>	 <p>14.5mm (.57") 78mm (3.06") 17mm (.67") 16mm (.62")</p> <p>24-6100</p>

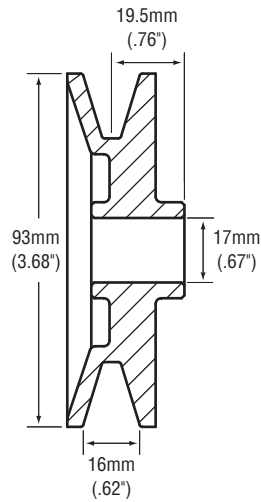
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

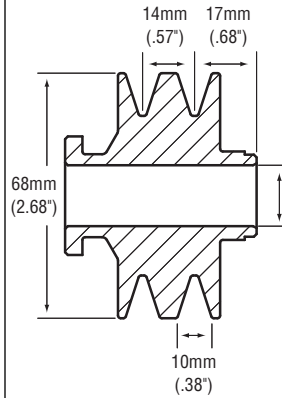
1-Groove (cont'd.)



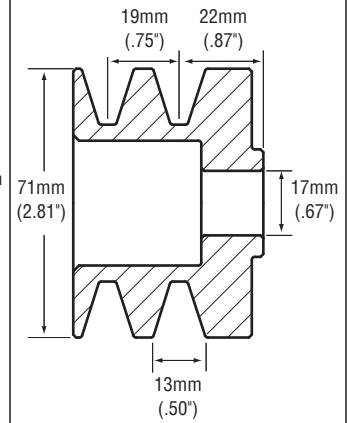
24-1104



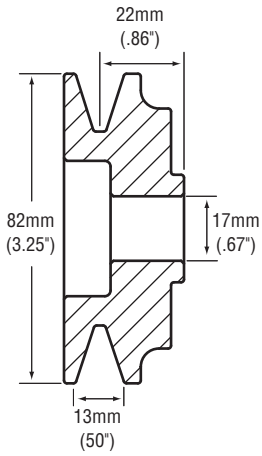
81-2702



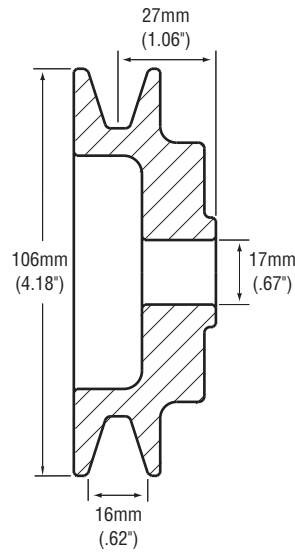
24-3103



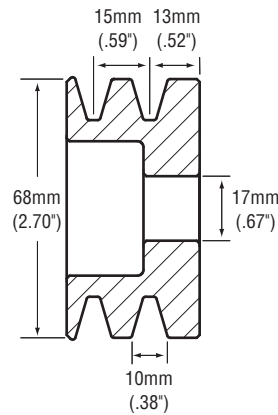
24-1102



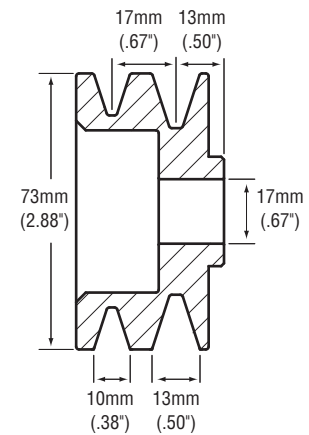
81-1700



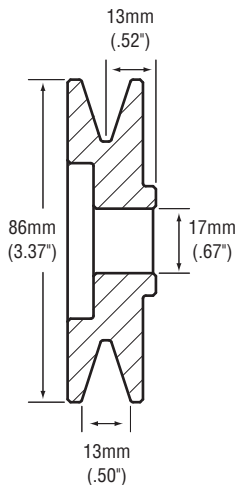
24-1105



24-82111

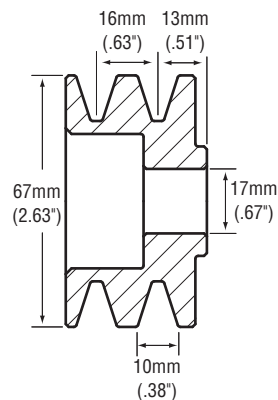


24-2105

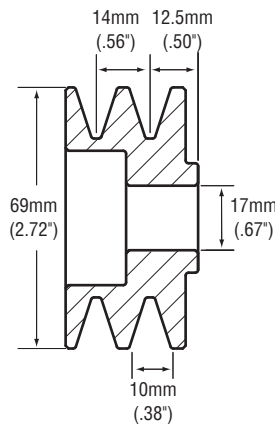


24-2100

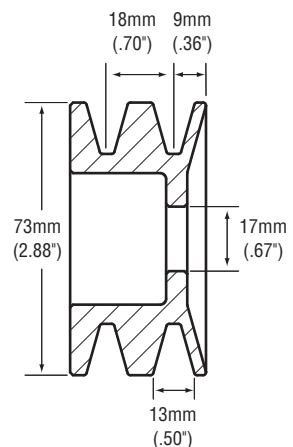
2-Groove



24-1101

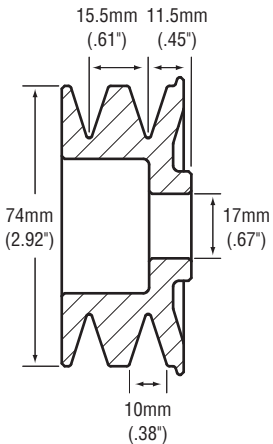


24-1110

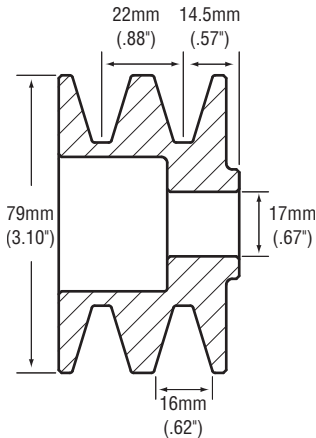


24-81101

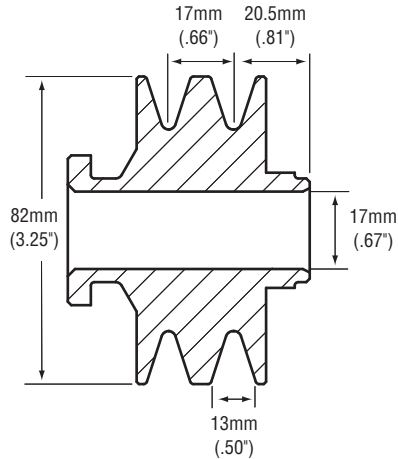
ALTERNATOR - PULLEY DIMENSION CHART



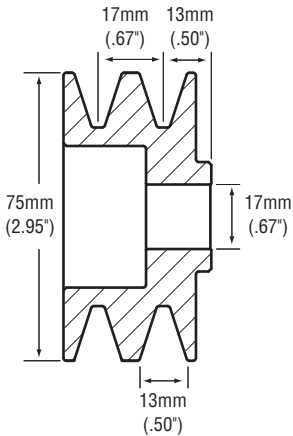
24-82108



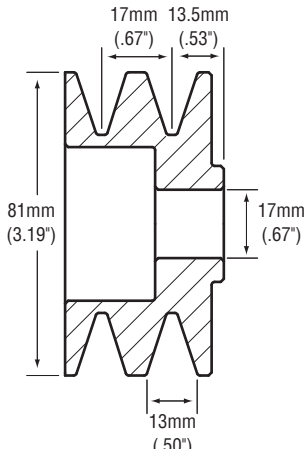
24-7102



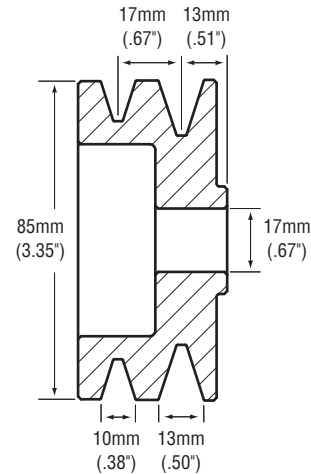
24-3102



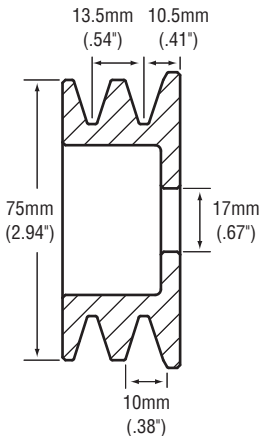
24-2106



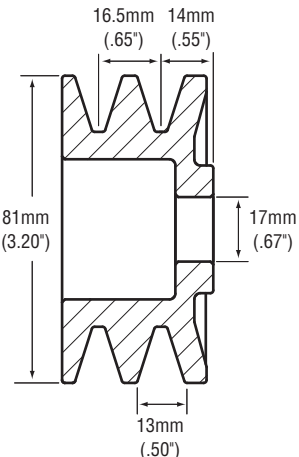
24-1107



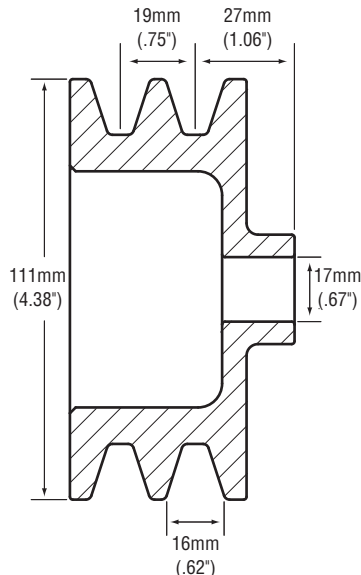
24-2103



24-3105



24-82112

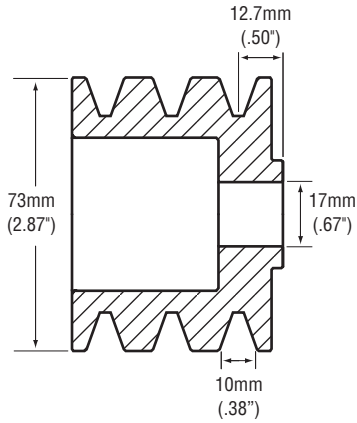


24-1106

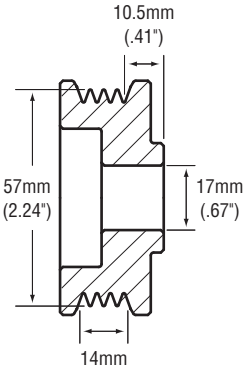
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

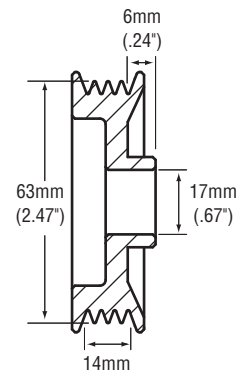
3-Groove



24-2107

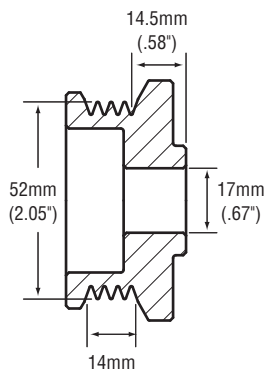


24-1264

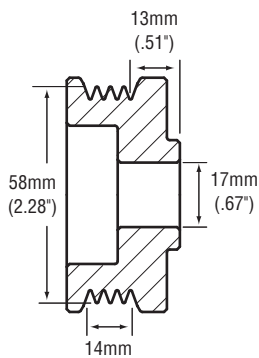


24-81250-1

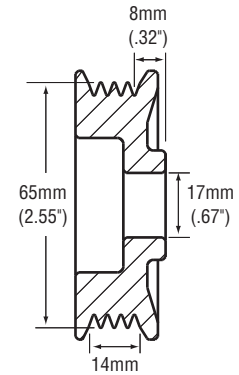
4-Groove



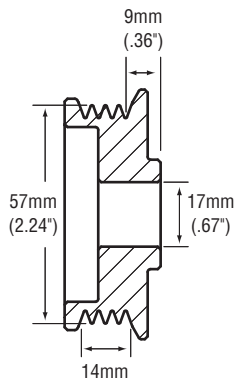
24-1253



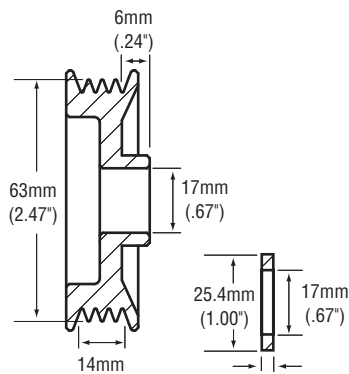
24-2255



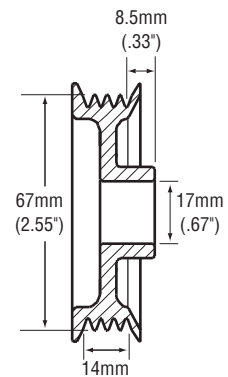
24-82258



24-1252

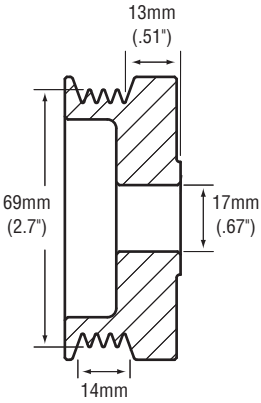
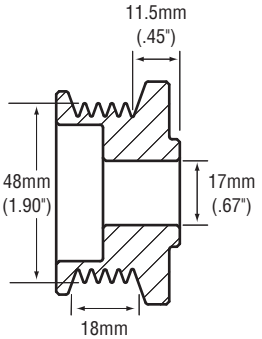
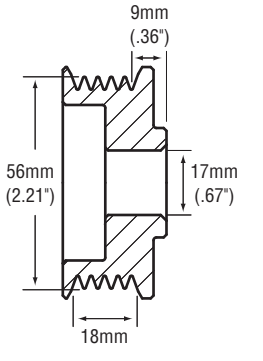
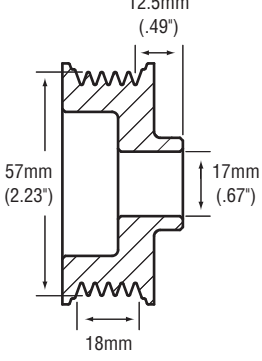
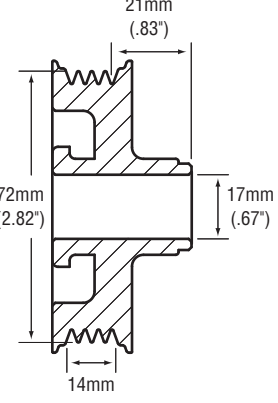
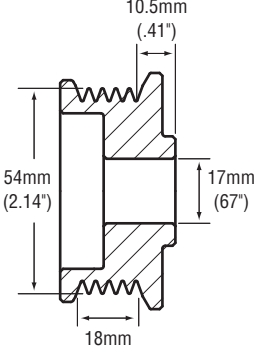
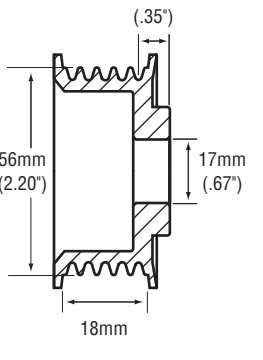
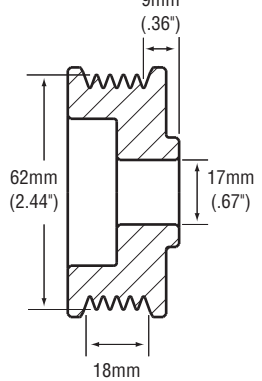
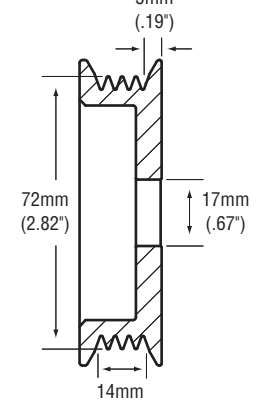
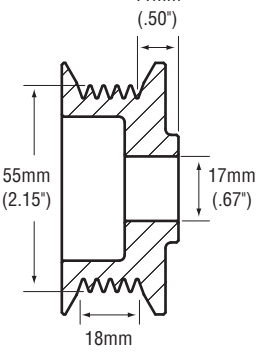
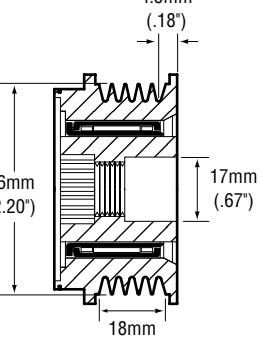
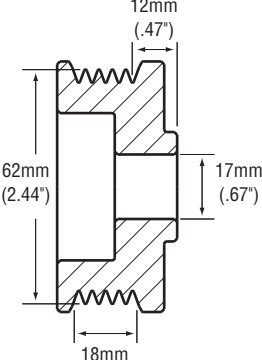
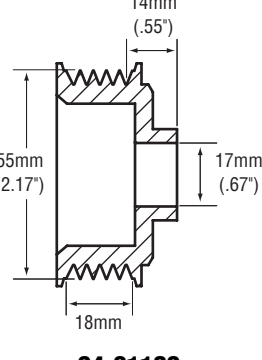
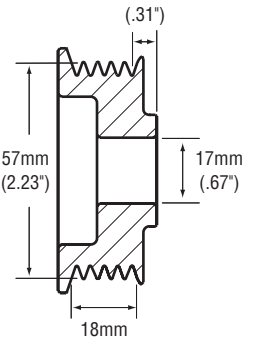
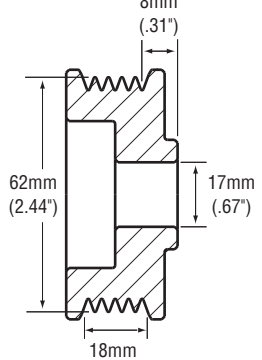


24-81250



24-83270

ALTERNATOR - PULLEY DIMENSION CHART

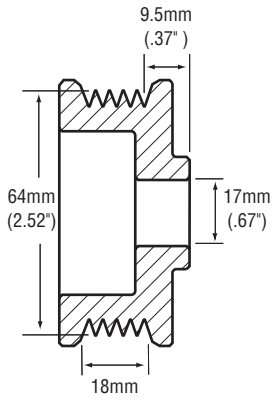
		5-Groove			
 <p>13mm (.51") 69mm (2.7") 17mm (.67") 14mm</p> <p>24-91250</p>	 <p>11.5mm (.45") 48mm (1.90") 17mm (.67") 18mm</p> <p>24-2250</p>	 <p>9mm (.36") 56mm (2.21") 17mm (.67") 18mm</p> <p>24-1254</p>	 <p>12.5mm (.49") 57mm (2.23") 17mm (.67") 18mm</p> <p>24-2259</p>		
 <p>21mm (.83") 72mm (2.82") 17mm (.67") 14mm</p> <p>24-3250</p>	 <p>10.5mm (.41") 54mm (2.14") 17mm (.67") 18mm</p> <p>24-1257</p>	 <p>9mm (.35") 56mm (2.20") 17mm (.67") 18mm</p> <p>24-82271</p>	 <p>9mm (.36") 62mm (2.44") 17mm (.67") 18mm</p> <p>24-1259</p>		
 <p>5mm (.19") 72mm (2.82") 17mm (.67") 14mm</p> <p>24-3251</p>	 <p>11mm (.50") 55mm (2.15") 17mm (.67") 18mm</p> <p>24-1267</p>	 <p>4.5mm (.18") 56mm (2.20") 17mm (.67") 18mm</p> <p>24-91106</p>	 <p>12mm (.47") 62mm (2.44") 17mm (.67") 18mm</p> <p>24-1265</p>		
 <p>14mm (.55") 55mm (2.17") 17mm (.67") 18mm</p> <p>24-81102</p>	 <p>8mm (.31") 57mm (2.23") 17mm (.67") 18mm</p> <p>24-1280</p>	 <p>8mm (.31") 62mm (2.44") 17mm (.67") 18mm</p> <p>24-1278</p>			

ALTERNATOR - PULLEYS

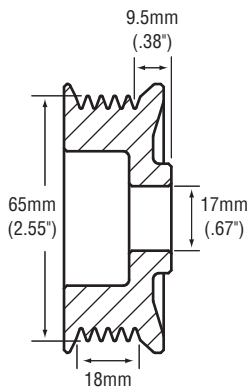
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

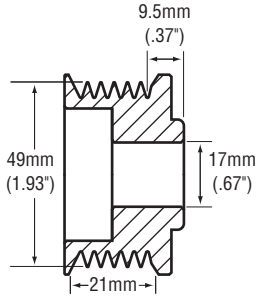
5-Groove (cont'd.)



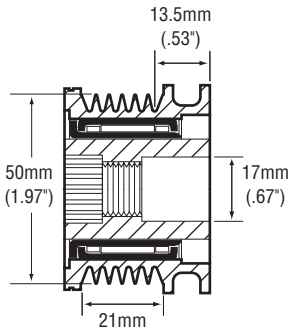
24-1284



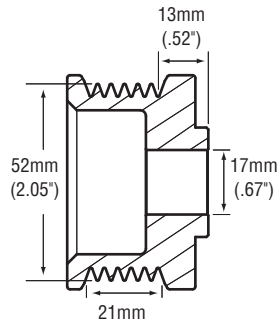
24-82259



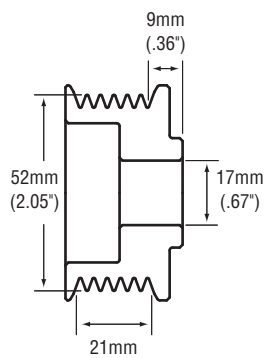
24-2252-1



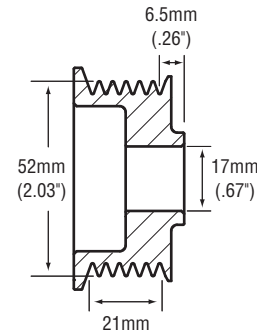
24-91105



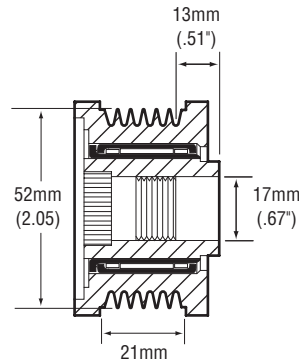
24-1261



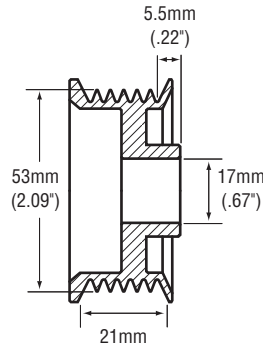
24-1263



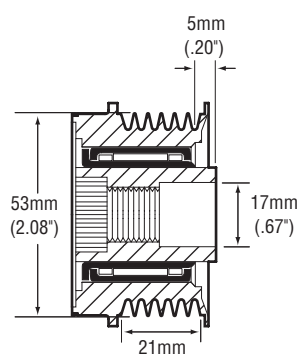
24-1273



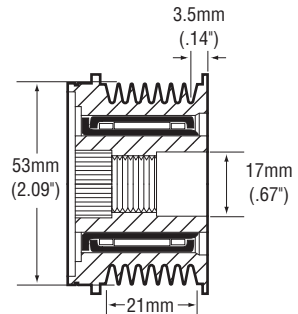
24-81107



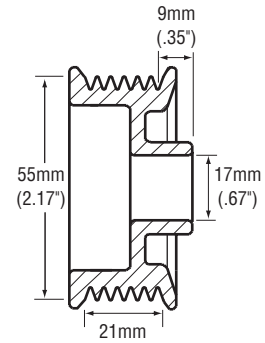
24-2272



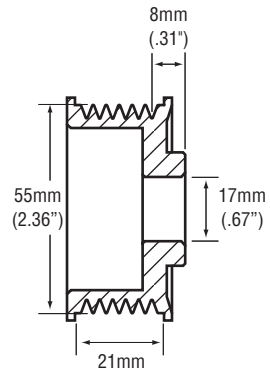
24-2281



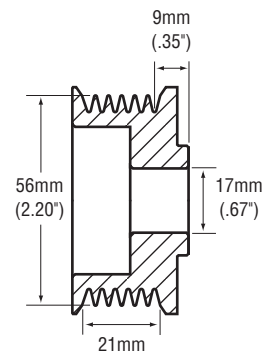
24-91103



24-2254-1

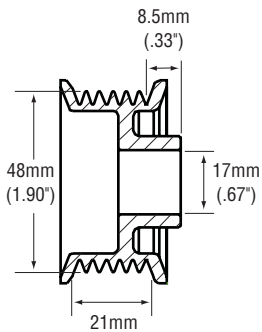


24-82277



24-1255-3

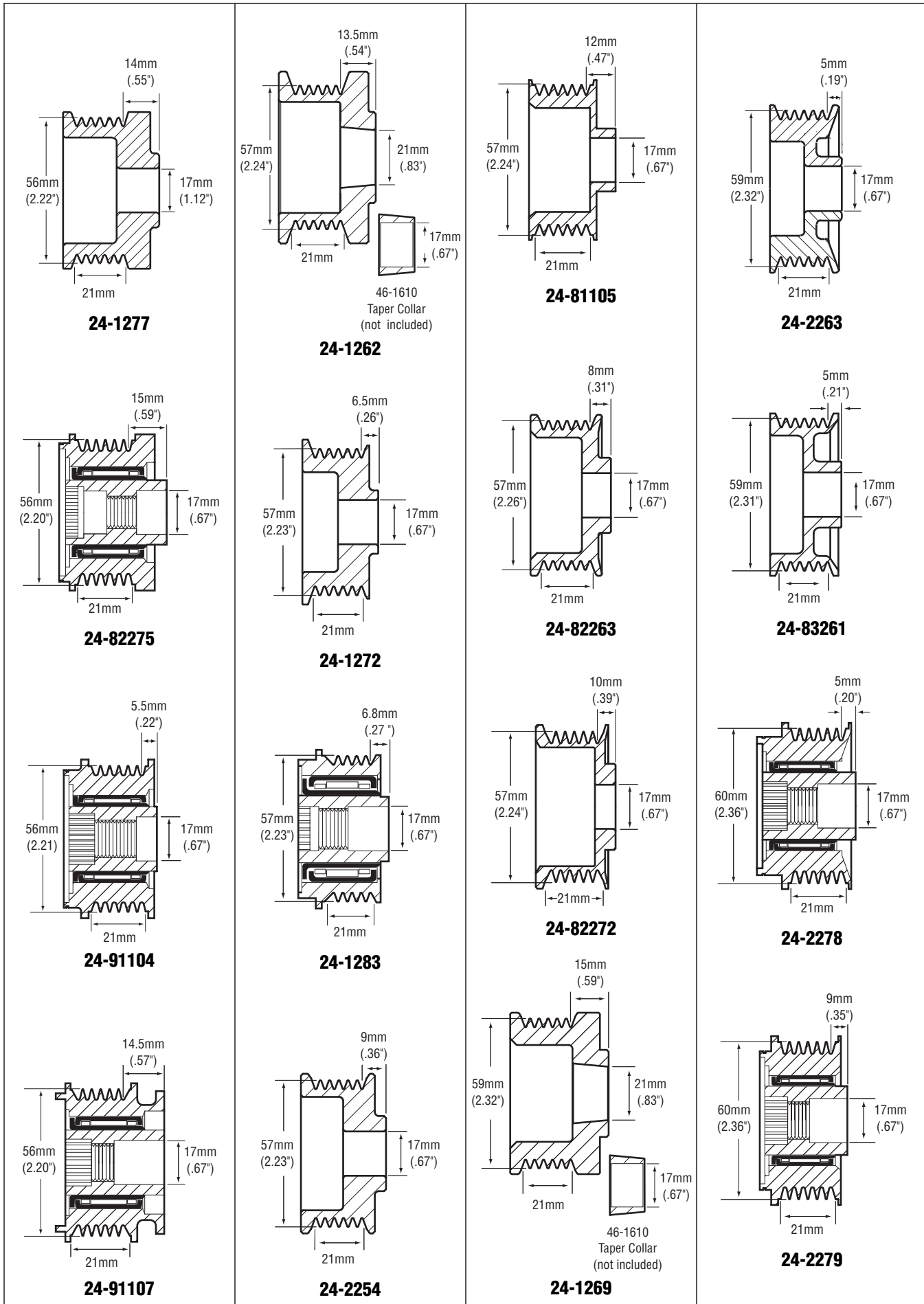
6-Groove



24-2271

ALTERNATOR - PULLEYS

ALTERNATOR - PULLEY DIMENSION CHART

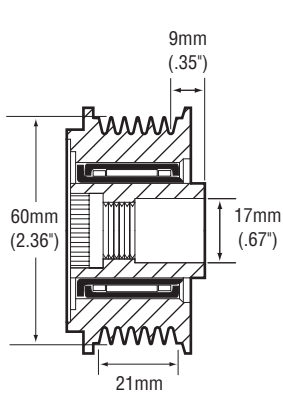


ALTERNATOR - PULLEYS

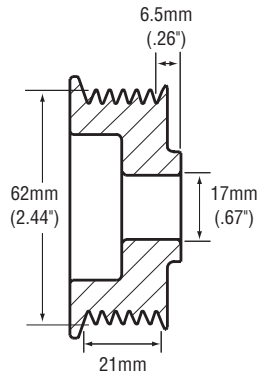
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

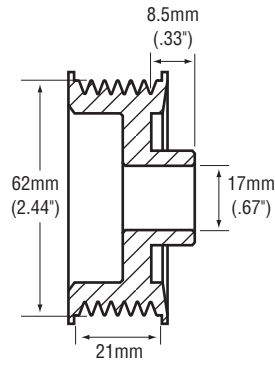
6-Groove (cont'd.)



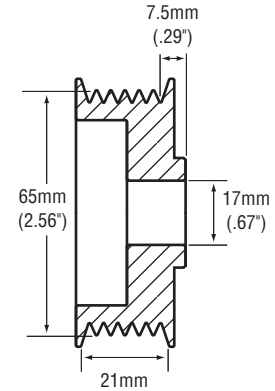
24-2280



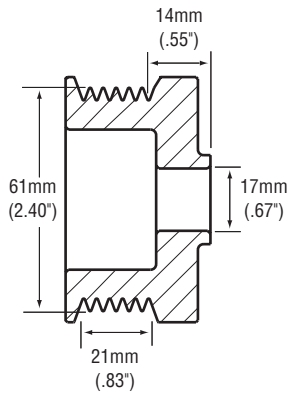
24-1279



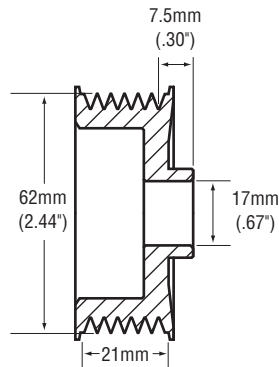
24-83274



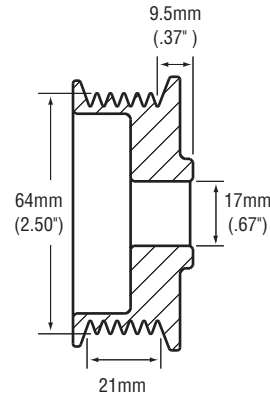
24-1286



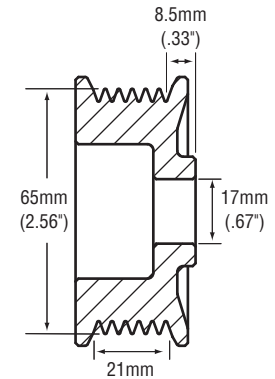
24-1281



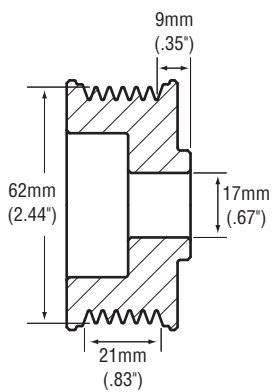
24-81104



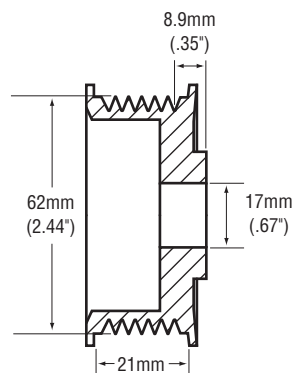
24-2256



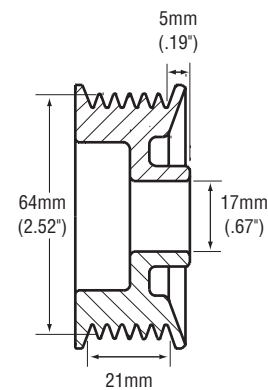
24-82260



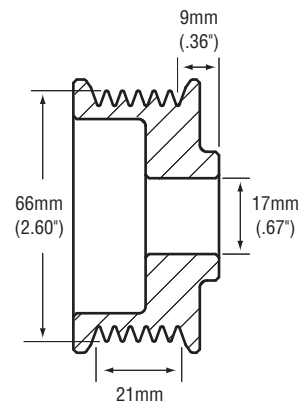
24-1250



24-82278

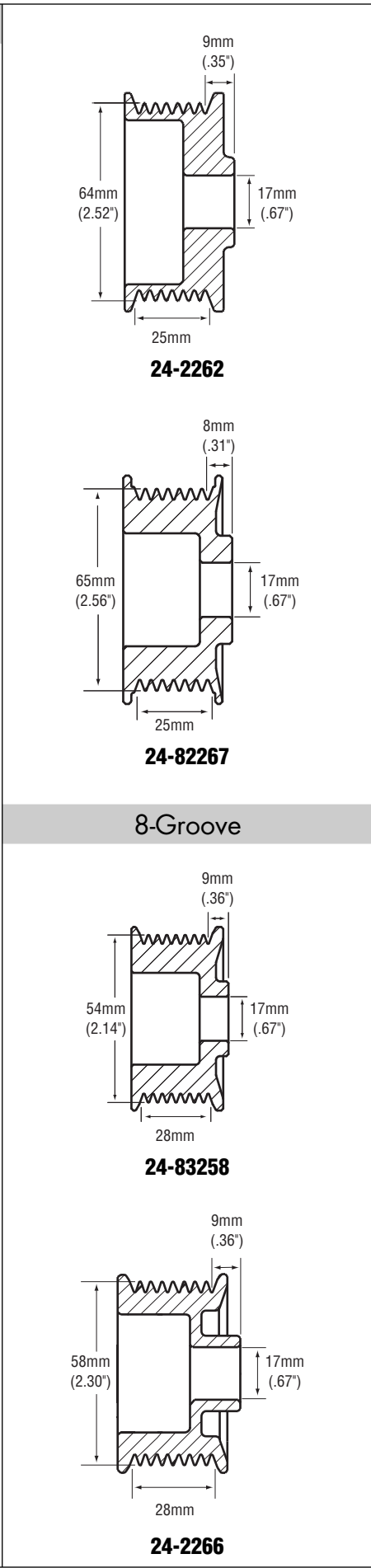
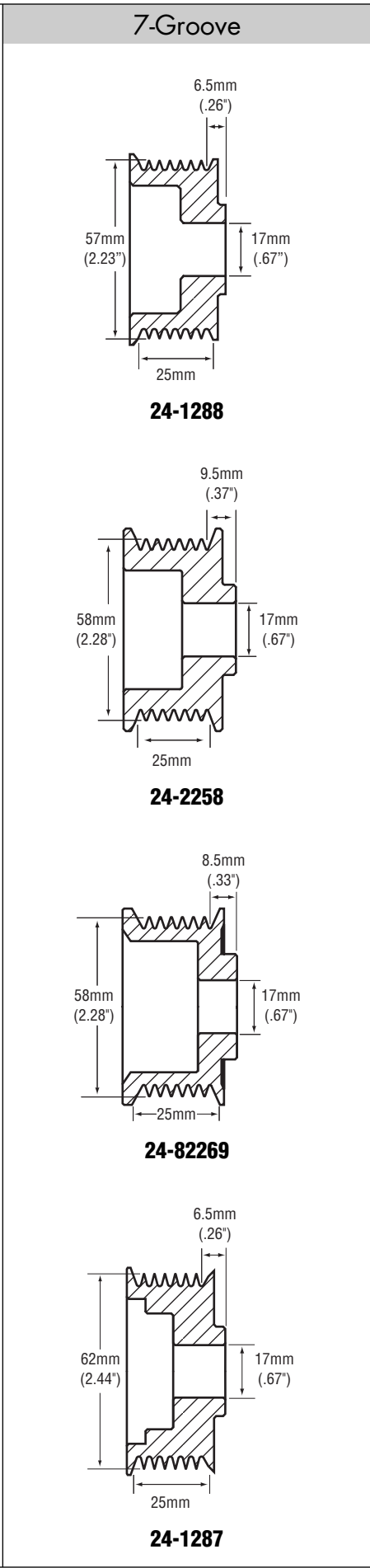
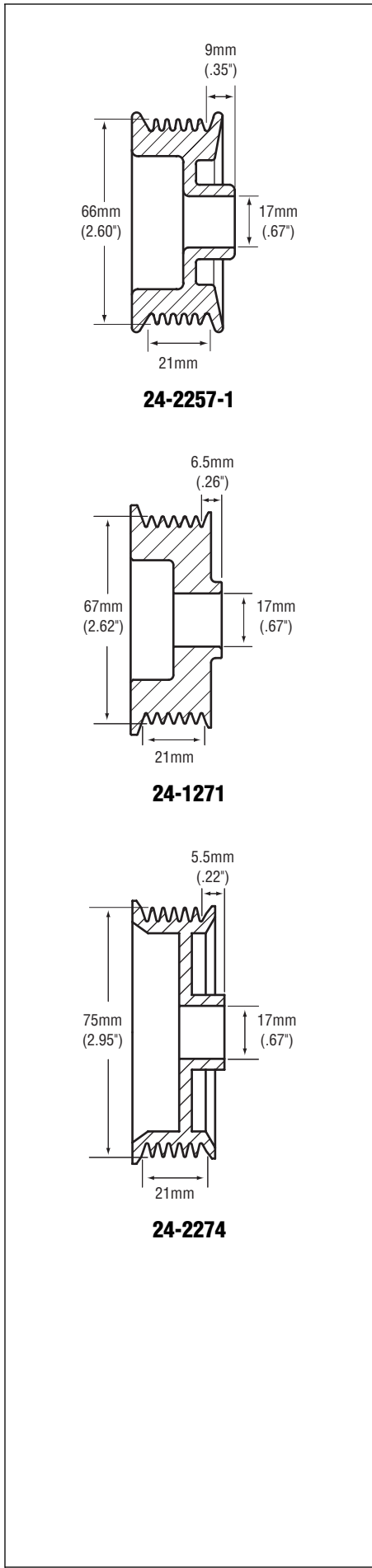


24-2264



24-2257

ALTERNATOR - PULLEY DIMENSION CHART

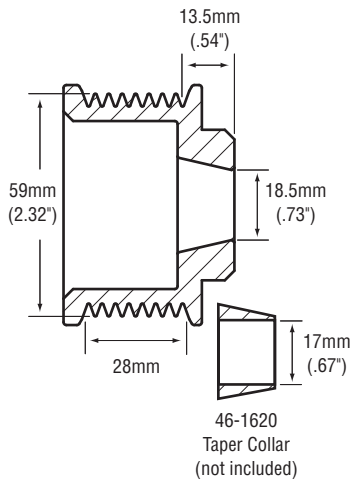


ALTERNATOR - PULLEYS

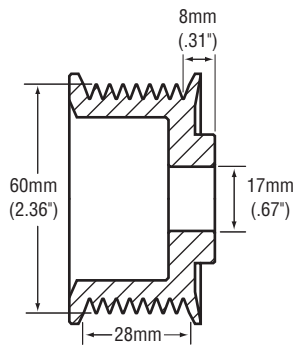
ALTERNATOR - PULLEY DIMENSION CHART

17MM BORE

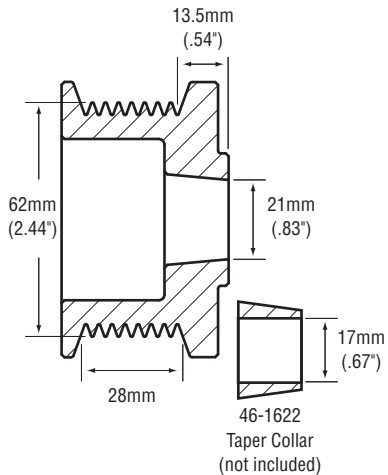
8-Groove (cont'd.)



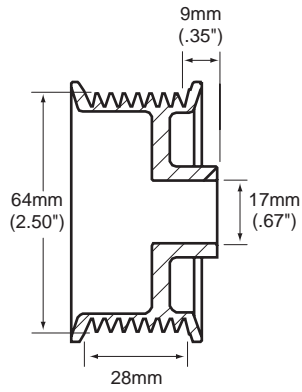
24-1270



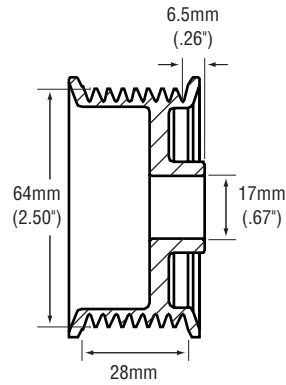
24-82270



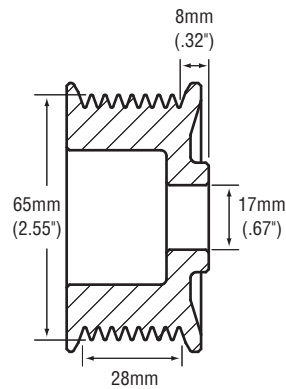
24-1276



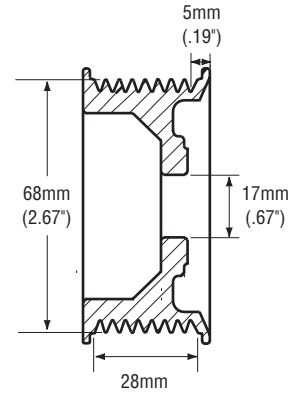
24-2261-1



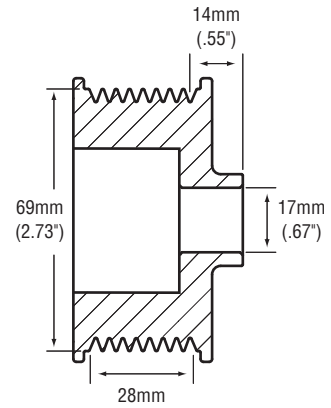
24-2270



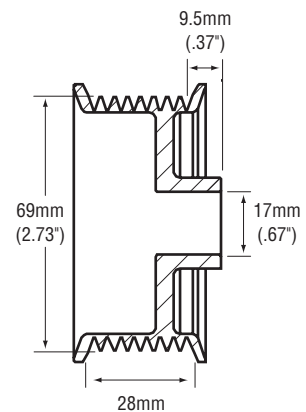
24-82261



24-2265

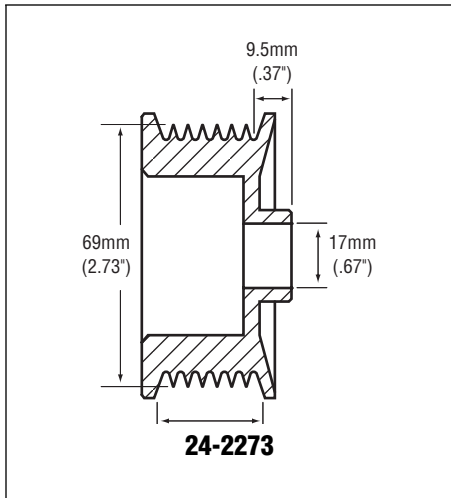


24-2260



24-2269

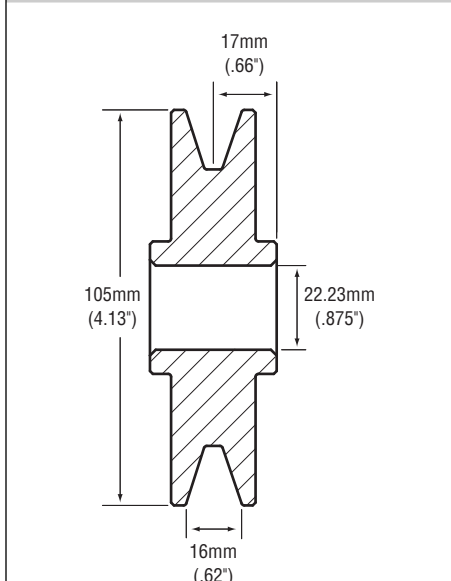
ALTERNATOR - PULLEY DIMENSION CHART



24-2273

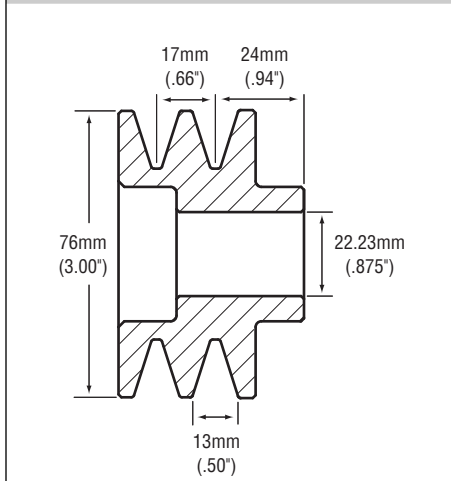
22.23MM (7/8")
BORE

1-Groove

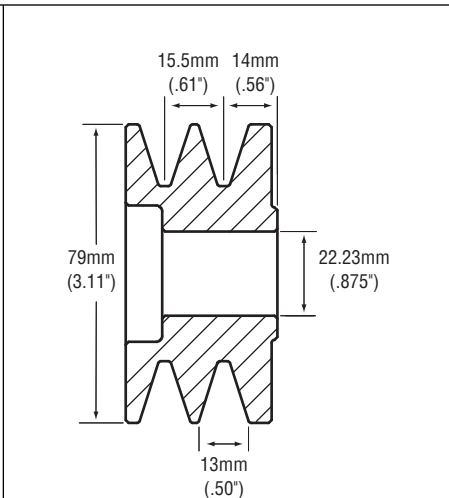


24-1503

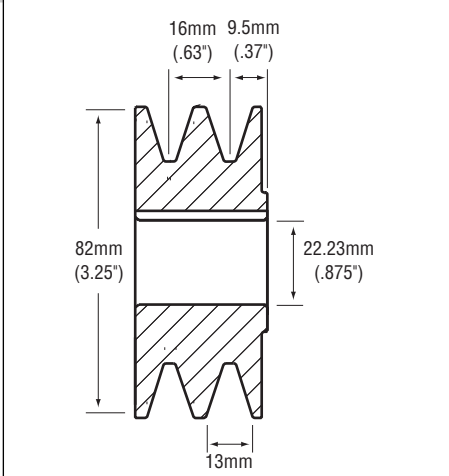
2-Groove



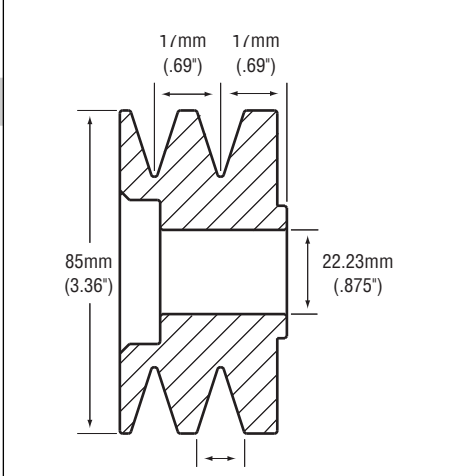
24-1504



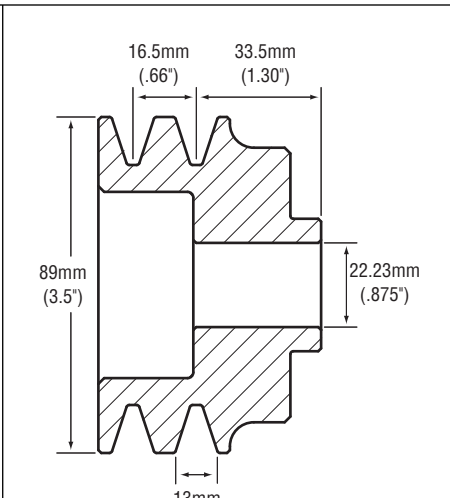
24-1500



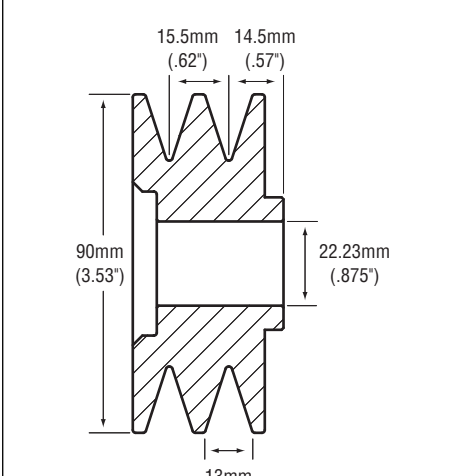
24-7753



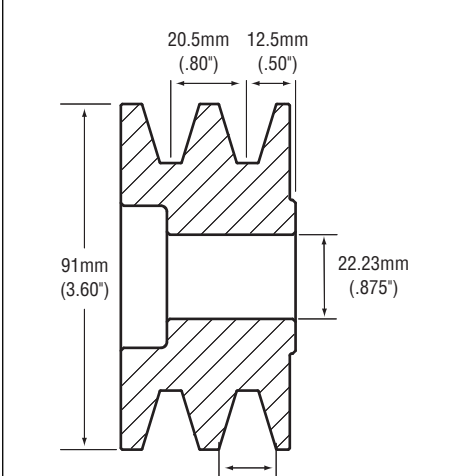
24-1507



24-1501



24-1509



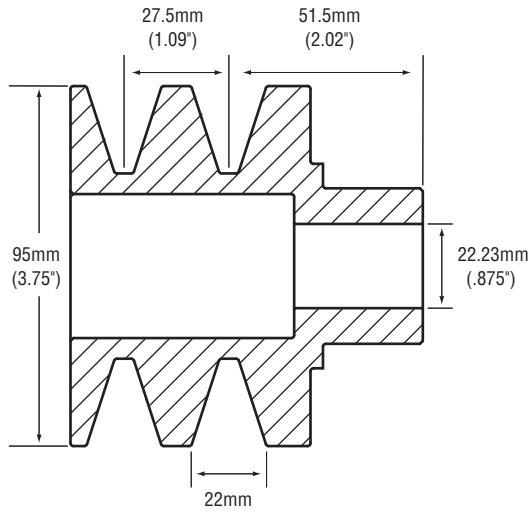
24-6500

ALTERNATOR - PULLEYS

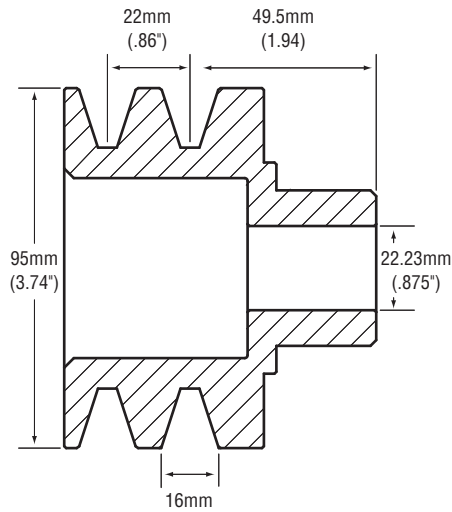
ALTERNATOR - PULLEY DIMENSION CHART

22.23MM (7/8") BORE

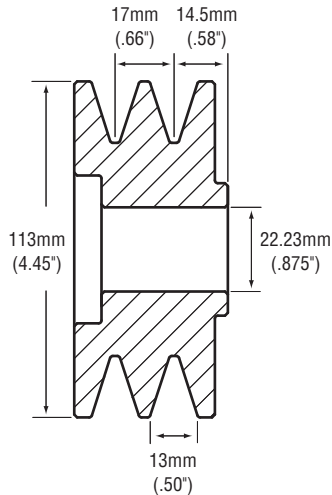
2-Groove (cont'd.)



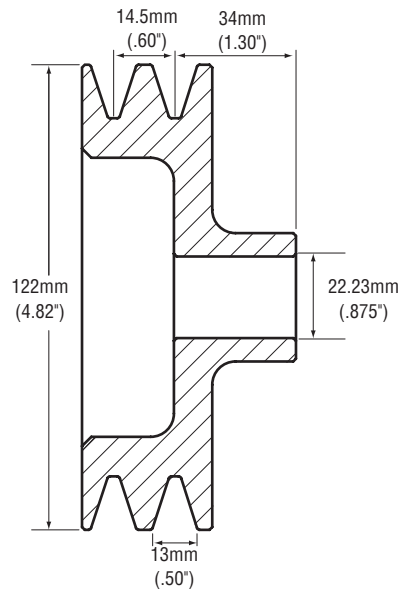
24-6501



24-6502

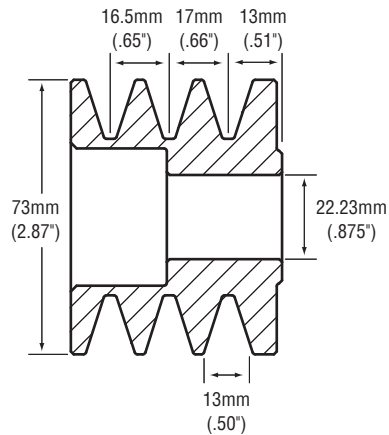


24-5500

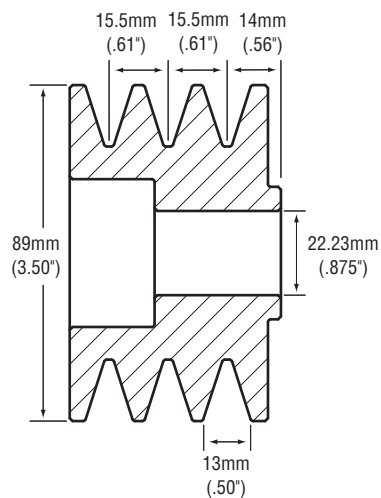


24-1502

3-Groove

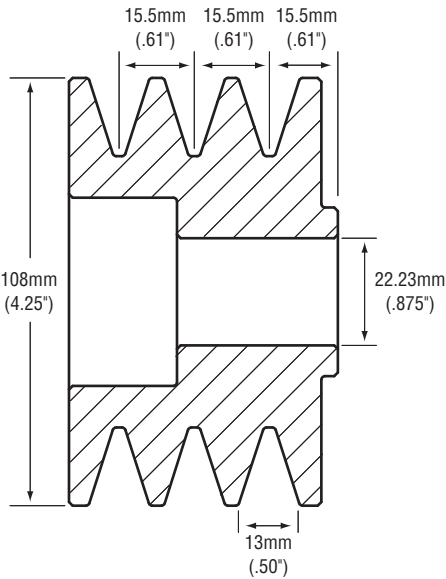


24-1505



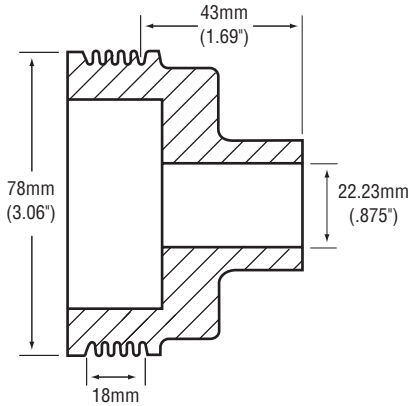
24-1506

ALTERNATOR - PULLEY DIMENSION CHART



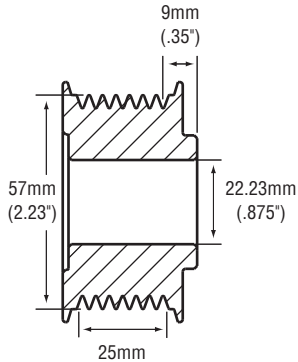
24-5501

5-Groove



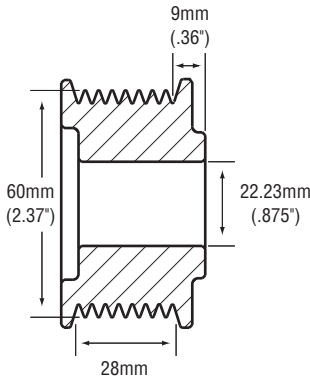
24-7751

7-Groove

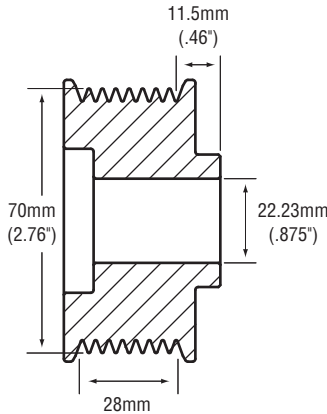


24-1751

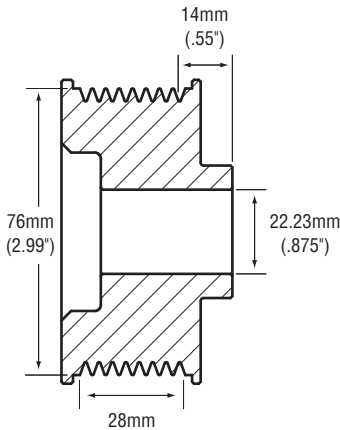
8-Groove



24-1755



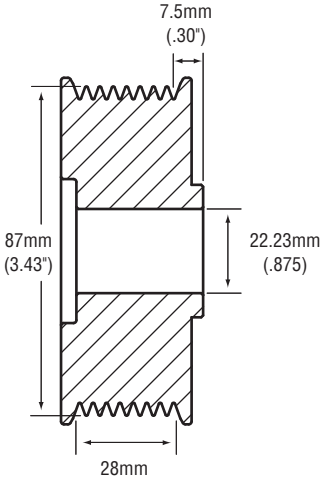
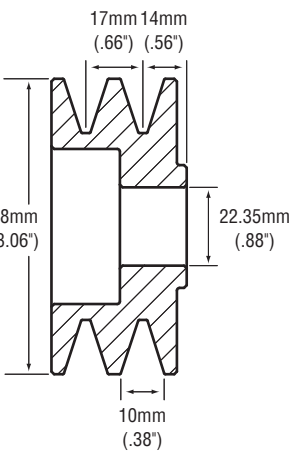
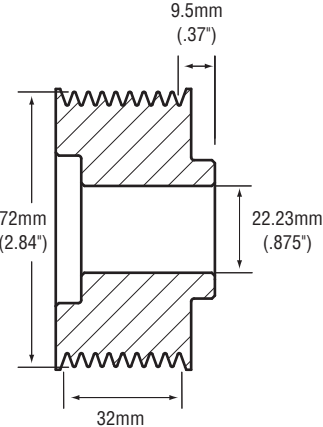
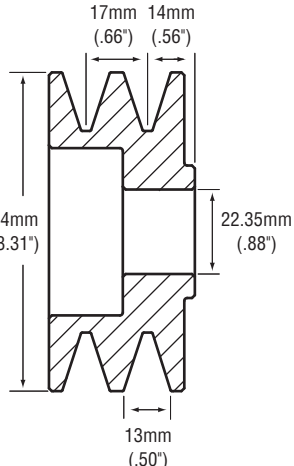
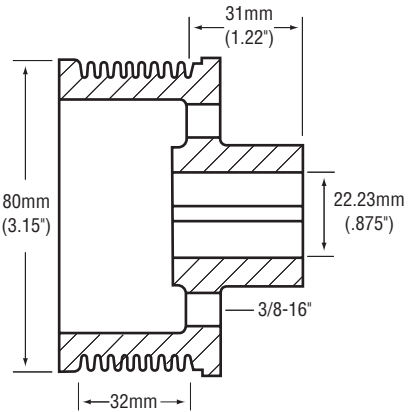
24-1753



24-7750

ALTERNATOR - PULLEY DIMENSION CHART

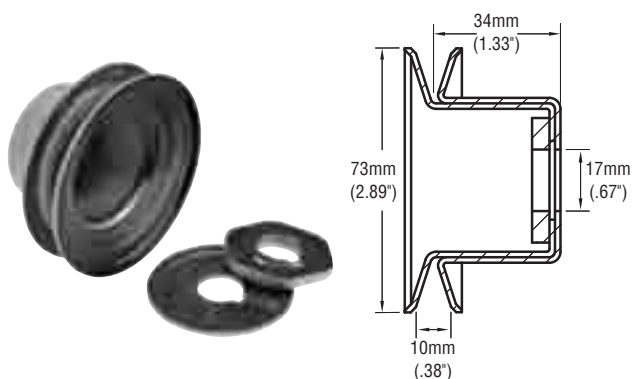
ALTERNATOR - PULLEYS

22.23MM (7/8") BORE	22.35MM (.880") BORE
<p style="text-align: center;">8-Groove (cont'd.)</p>  <p style="text-align: center;">24-1752</p>	<p style="text-align: center;">2-Groove</p>  <p style="text-align: center;">24-2501</p>
<p style="text-align: center;">9-Groove</p>  <p style="text-align: center;">24-1750</p>	 <p style="text-align: center;">24-2500</p>
 <p style="text-align: center;">24-7752</p>	

ALTERNATOR - PULLEYS (24-)

BOSCH

1-Groove



24-91100

Pulley - 1-Groove

For: Bosch IR/EF Alternators

Used On: (1993-72) Audi, VW

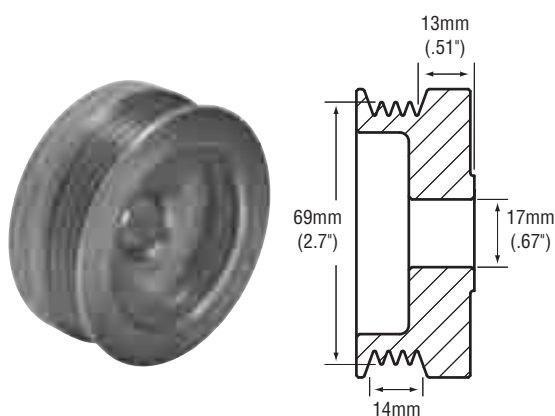
Replaces: Bosch 1-126-600-488

Unit Nos: Bosch 0-120-469-586, -598, -599, -633, -698, -729, -739, -873, -885; 0-120-489-003, -009, -017, -081, -196, -228, -229, -248, -249, -360, -361, -362, -363, -365, -367, -369, -370, -435, -499, -500, -520, -532, -535, -581, -582, -613, -614, -655, -657, -699, -713, -714, -732, -744, -745, -746, -747, -755, -771, -772, -774, -785, -799, -800, -820, -821, -860, -863, -864, -865, -866, -870, -871, -872, -873, -892, -893, -960, -961, -966, -967, -974, -975, -981, -986, -987

Lester Nos: 13054, 13055, 13093, 13094, 13109, 13129, 13147, 13172, 13173, 14396, 14410, 14412, 14778, 14779, 14797, 14798, 14806, 14807, 14970, 14996, 14997

Dim: 10mm Belt x 73mm OD x 17mm Bore w/ Keyway

4-Groove



24-91250

Pulley - 4-Groove

For: Bosch 90-100A ER/EF Alternators

Used On: (1990-84) Chrysler, Dodge, Plymouth

Unit Nos: Bosch 0-120-450-012, 0-120-450-014, 0-120-450-016, 0-120-450-017, 0-120-469-622*, 0-120-469-624*

Lester Nos: 13191, 14765, 14789

WAI Ref. Nos: 1-1489-01BO, 1-1500-00BO*, 1-1500-01BO*, 1-1501-00BO*, 1-1501-01BO*

Dim: 14mm Belt x 69mm OD x 17mm Bore w/ Keyway

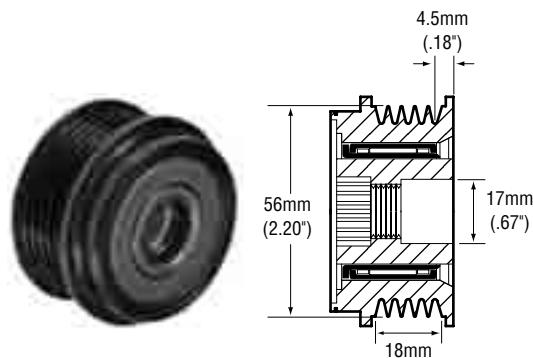
Note: Includes 85-2600 hex nut, 85-4601 lock washer.

*Requires M14 x 1.5 hex nut, 14mm lock washer (not included).

Features:

- Machined pulley cut from cold rolled steel

5-Groove



24-91106

Pulley - 5-Groove

For: Bosch IR/IF Alternators

Used On: (2000-96) Audi, VW

Replaces: Bosch 1-126-601-566

Unit Nos: Bosch 0-123-515-003, 1-123-320-055; VW-Audi, 028-903-028

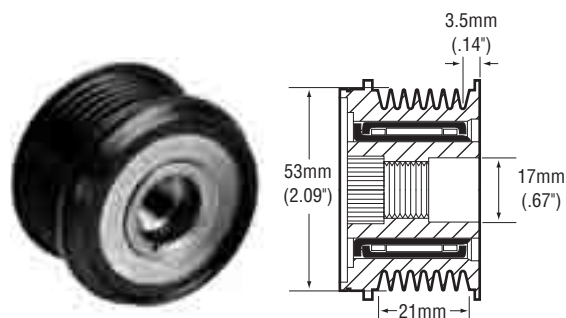
Lester Nos: 13381

Dim: 18mm Belt x 56mm OD x 17mm Bore

Features:

- Overrunning Clutch

6-Groove



24-91103

Pulley - 6-Groove

For: Bosch 120A IR/IF Alternators

Used On: (2004-00) Porsche

Replaces: Bosch F-00M-991-105 (stamped F-233525)

Unit Nos: Bosch 0-124-515-073; Porsche 916-603-012-00, 996-603-012-00

Lester Nos: 11041

Dim: 21mm Belt x 53mm OD x 17mm Bore

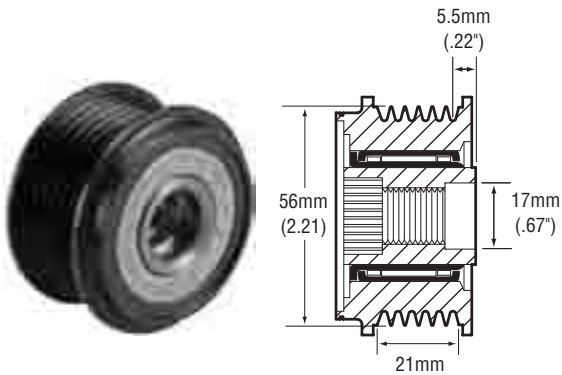
Features:

- Overrunning Clutch

ALTERNATOR - PULLEYS (24-)

BOSCH

6-Groove (cont'd.)



24-91104

Pulley - 6-Groove

For: Bosch 120-140A IR/IF Alternators

Used On: (2004-99) Volvo

Replaces: Bosch F-00M-991-061, Volvo 9459747-3 (stamped F-230401)

Unit Nos: Bosch 0-124-515-019, 0-124-515-054, 0-124-525-014; Volvo 8622186, 9459077, 9459092-4

Lester Nos: 13801, 13998

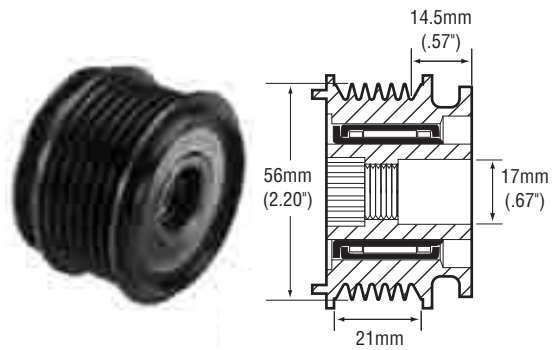
WAI Ref. Nos: 1-2245-11BO

Dim: 21mm Belt x 56mm OD x 17mm Bore

Note: 5.5mm from hub to center of 1st groove.

Features:

- Overrunning Clutch



24-91107

Pulley - 6-Groove

For: Bosch IR/IF Alternators

Used On: (1998) VW

Replaces: Bosch 1-126-601-559, VW-Audi 038-903-119 (Stamped F-226804)

Unit Nos: Bosch 0-123-310-035, 0-123-320-032, 0-123-510-047, 0-123-515-021; VW-Audi, 038-903-023G, 038-903-023J

Lester Nos: 13831, 13833

Dim: 21mm Belt x 56mm OD x 17mm Bore

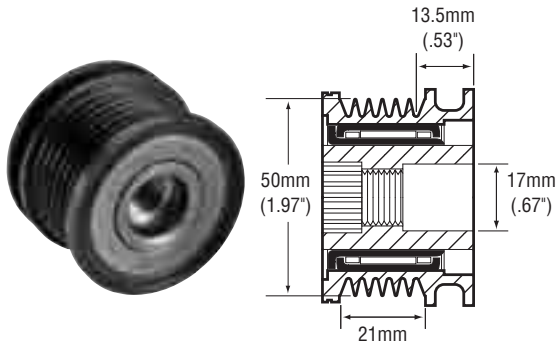
Note: 14.5mm from hub to center of 1st groove.

Features:

- Overrunning Clutch

CHRYSLER

1-Groove



24-91105

Pulley - 6-Groove

For: Bosch 120A IR/IF Alternators

Used On: Ford, Seat, VW (European)

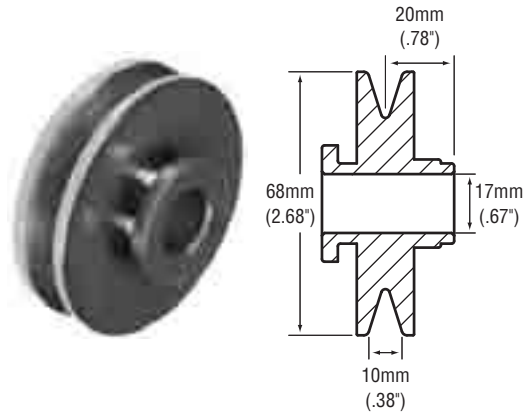
Replaces: Bosch 1-126-601-565 (stamped F-225355)

Unit Nos: Bosch 0-123-515-017, 0-123-515-020; VW-Audi 028-903-026G

Dim: 21mm Belt x 50mm OD x 17mm Bore

Features:

- Overrunning Clutch



24-3101-1

Pulley - 1-Groove

For: Chrysler Round Back, Square Back ER/IF Alternators

Used On: (1987-75) Chrysler, Dodge, Plymouth

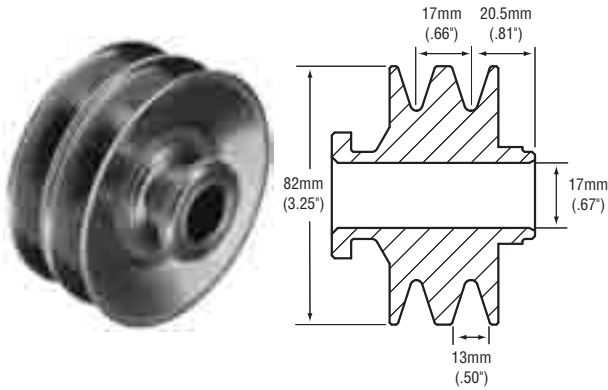
Replaces: Chrysler 2095430, 2444478, 4106094

Dim: 10mm Belt x 68mm OD x 17mm Bore

Features:

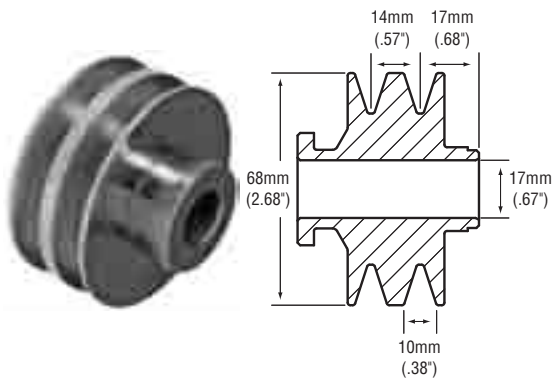
- Machined pulley cut from cold rolled steel

2-Groove



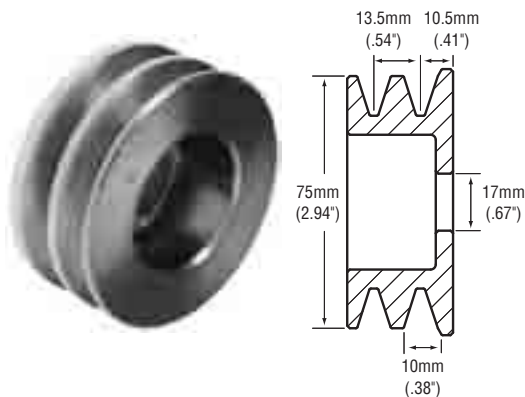
24-3102
Pulley - 2-Groove

For: Chrysler Round Back, Square Back ER/IF Alternators
Used On: (1981-75) Chrysler, Dodge, Plymouth
Replaces: Chrysler 2098272
Dim: 13mm Belts x 82mm OD x 17mm Bore



24-3103
Pulley - 2-Groove

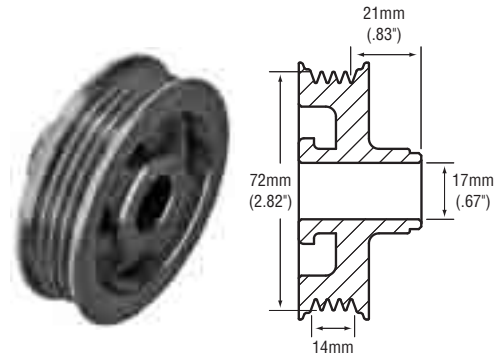
For: Chrysler Revised Square Back ER/IF Alternators
Used On: (1987-75) Chrysler, Dodge, Plymouth
Replaces: Chrysler 3656571, 4091895, 4111768
Dim: 10mm Belts x 68mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel



24-3105
Pulley - 2-Groove

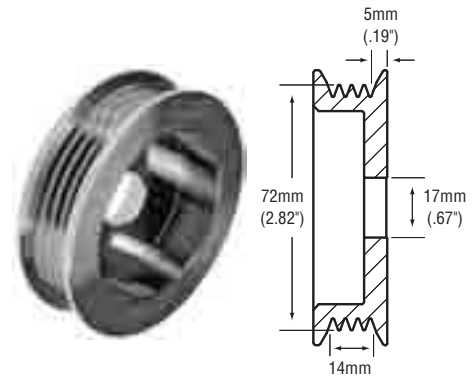
For: Chrysler 40/90, 50/120A ER/EF Alternators
Used On: (1989-87) Chrysler, Dodge, Plymouth
Replaces: Chrysler 5227174
Dim: 10mm Belts x 75mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel

4-Groove



24-3250
Pulley - 4-Groove

For: Chrysler Revised Square Back ER/IF Alternators
Used On: (1987-83) Chrysler, Dodge, Plymouth
Replaces: Chrysler 4339481, 5213564, 5213760
Dim: 14mm Belt x 72mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel



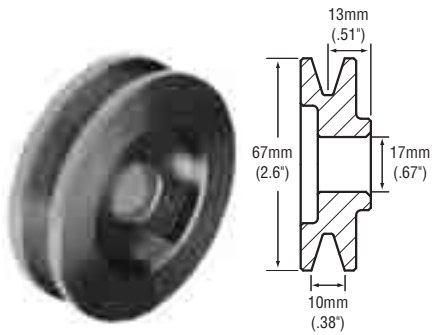
24-3251
Pulley - 4-Groove

For: Chrysler 40/90, 50/120A ER/EF Alternators
Used On: (1989-85) Chrysler, Dodge, Plymouth
Replaces: Chrysler 5226032, 5233114
Dim: 14mm Belt x 72mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

DELCO

1-Groove



24-1100-1

Pulley - 1-Groove

For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF; Ford 1G Series ER/EF, 2G Series IR/EF Alternators

Used On: (1992-73) AMC, Buick, Cadillac, Chevrolet, Ford, GMC, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac

Replaces: Delco 1893675, 1949356, 1970757, 10476394, 10495192;

Ford C5AZ-10344-K, C9AF-10A352-B, E87F-10A352-AA, E8TZ-10344-A, GP-493, GP-652

Dim: 10mm Belt x 67mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1103

Pulley - 1-Groove

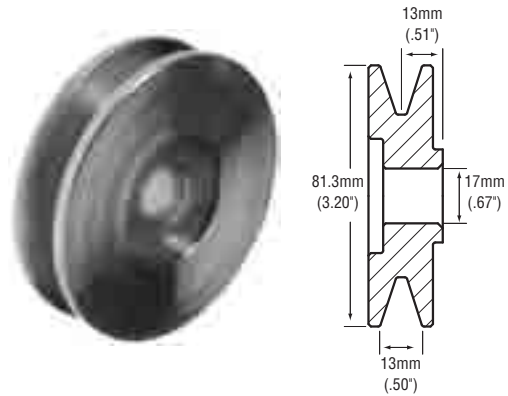
For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS130, CS144 Series IR/EF; Ducellier / Valeo, Paris Rhone / Valeo IR/EF Alternators

Used On: (1993-75) AMC, Buick, Cadillac, Chevrolet, DeLorean, GMC, Jeep, Oldsmobile, Peugeot, Pontiac, Renault

Replaces: Delco 1978065, 1978067, 10495191, 10495192, 10498301; Ducellier 669244; Paris Rhone 96880

Dim: 10mm Belt x 66mm OD x 17mm Bore

Note: Without hub, requires 46-1601-1 pulley spacer when used on Delco alternators



24-1104

Pulley - 1-Groove

For: Delco 10SI/Type 116 Series IR/EF Alternators

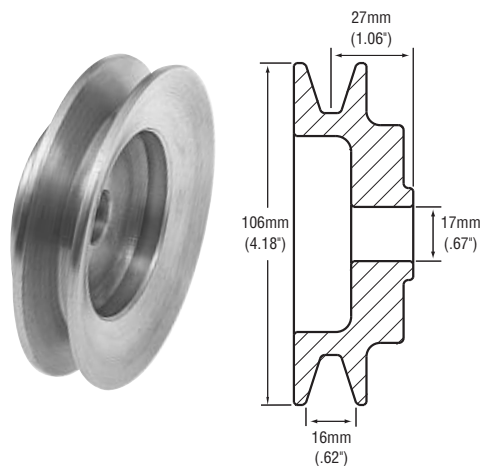
Used On: John Deere

Replaces: John Deere R52159

Dim: 13mm Belt x 81mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1105

Pulley - 1-Groove

For: Delco 10SI/Type 116 Series IR/EF Alternators

Used On: IHC

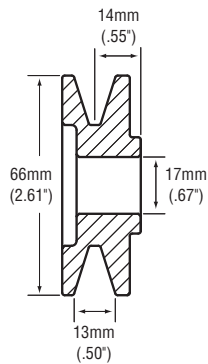
Replaces: IHC 384645-R1

Dim: 16mm Belt x 106mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

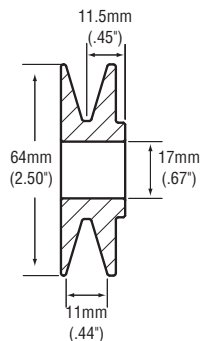
ALTERNATOR - PULLEYS (24-)



24-1109
Pulley - 1-Groove

For: Delco 10SI Series Alternators
Used On: Agricultural, Industrial Applications
Replaces: Delco 1961291
Dim: 13mm Belt x 66mm OD x 17mm Bore w/ Keyway
Features:

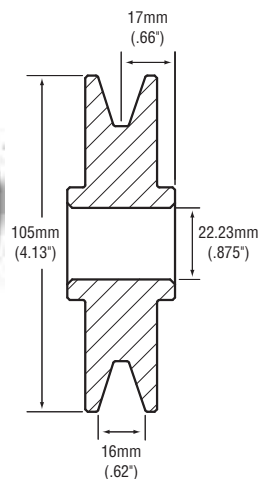
- Machined pulley cut from cold rolled steel



24-1111
Pulley - 1-Groove

For: Converting Delco & Ford Generators to Delco 10DN, 27SI/100 Series or Ford 40-65A Alternators
Dim: 11mm Belt x 64mm OD x 17mm Bore
Features:

- Machined pulley cut from cold rolled steel

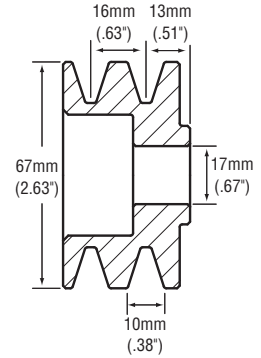


24-1503
Pulley - 1-Groove

For: Delco 25SI Series IR/EF Alternators
Used On: Caterpillar, Clark, Fiat-Allis, John Deere
Replaces: Caterpillar 4N8090, 4N8225
Dim: 16mm Belt x 105mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:

- Machined pulley cut from cold rolled steel

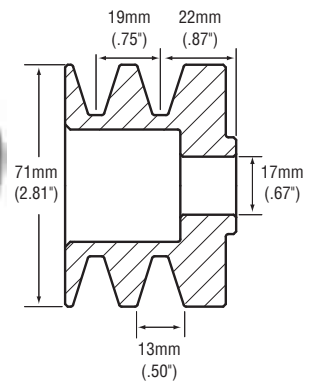
2-Groove



24-1101
Pulley - 2-Groove

For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators
Used On: (1991-73) AMC, Buick, Chevrolet, Ford, GMC, Jeep, Mercury, Oldsmobile, Pontiac
Replaces: Delco 1846787, 1964758, 1968354, 1970830; Ford C5AZ-10344-L, C5TF-10A352-K2, C9AF-10A352-C, E4TZ-10344-B, E6SF-10A352-AA, E6SZ-10344-A, GP-494, GP-617, GP-629
Dim: 10mm Belts x 67mm OD x 17mm Bore
Features:

- Machined pulley cut from cold rolled steel



24-1102
Pulley - 2-Groove

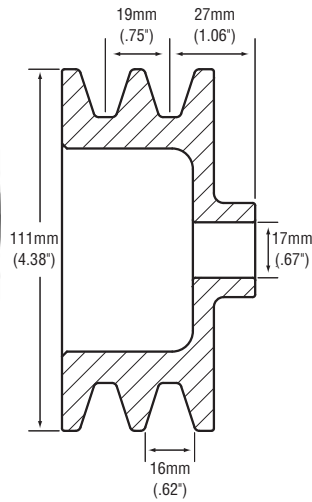
For: Delco 10DN, 10SI Series IR/EF Alternators
Used On: (1975-74) Chevrolet, GMC
Replaces: Delco 1877007, 3947125
Dim: 13mm Belts x 71mm OD x 17mm Bore
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

DELCO

2-Groove (cont'd.)



24-1106

Pulley - 2-Groove

For: Delco 10SI/Type 116 Series IR/EF Alternators

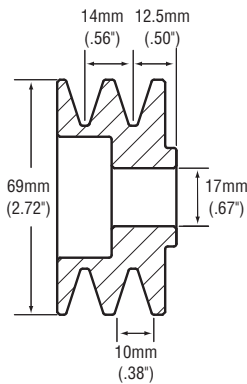
Used On: IHC

Replaces: IHC 537070-R1

Dim: 16mm Belts x 111mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1110

Pulley - 2-Groove

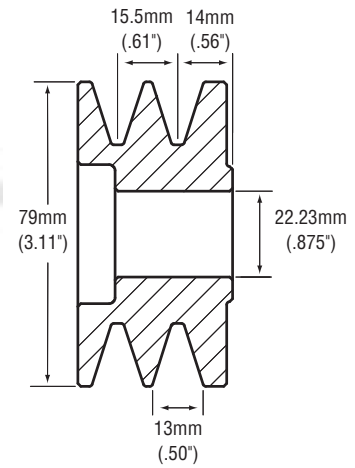
For: Delco 10DN Series ER/EF Alternators

Replaces: Delco 1961408

Dim: 10mm Belts x 69mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1500

Pulley - 2-Groove

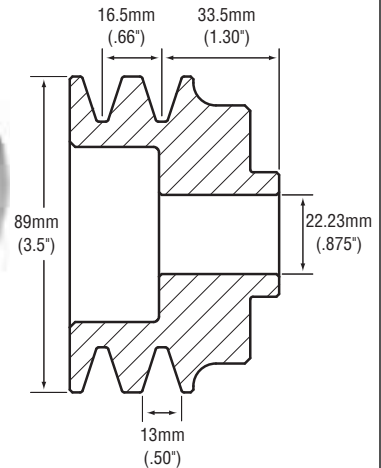
For: Delco 25SI, 27SI/Type 200, 29SI, 30SI Series IR/EF; Leece-Neville 2300-2800JB Series Alternators

Replaces: Delco 1953071, 1962567; Leece-Neville 73981, 76699

Dim: 13mm Belts x 79mm OD x 22.23mm (7/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel



24-1501

Pulley - 2-Groove

For: Delco 25SI, 29SI, 30SI Series IR/EF;

Leece-Neville 2300-2800JB Series Alternators

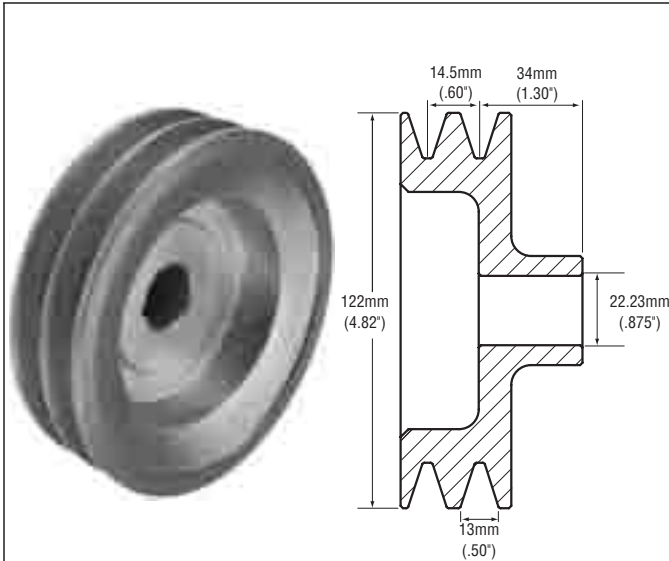
Used On: Kenworth, Mack, Peterbilt w/ Cummins 6 Cyl. (Diesel) Engine

Replaces: Cummins 213326; Delco 1938553; Prestolite 34-111

Dim: 13mm Belts x 89mm OD x 22.23mm (7/8") Bore w/ Keyway

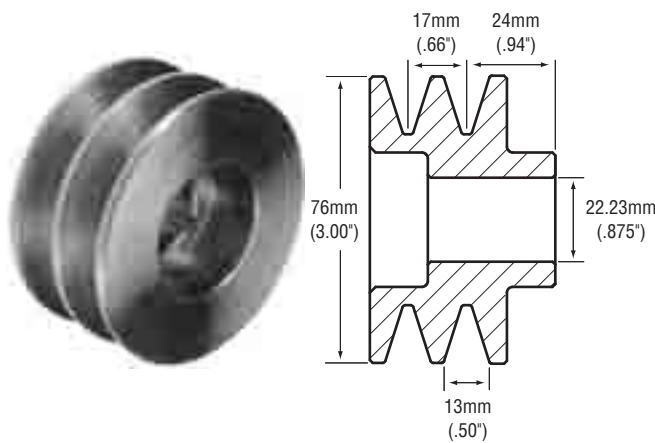
Features:

- Machined pulley cut from cold rolled steel



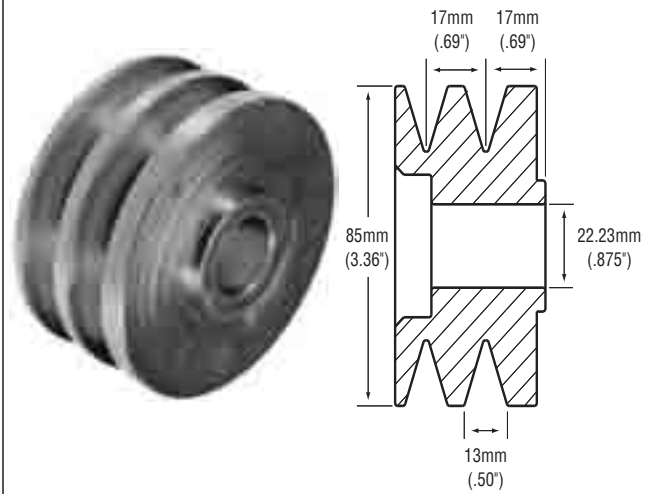
24-1502
Pulley - 2-Groove

For: Delco 25SI Series IR/EF Alternators
Used On: Freightliner, Kenworth, Peterbilt, White Trucks w/ Cummins (Diesel)
Replaces: Freightliner 01-12929-0; Kenworth K187-310
Dim: 13mm Belts x 122mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
 • Machined pulley cut from cold rolled steel



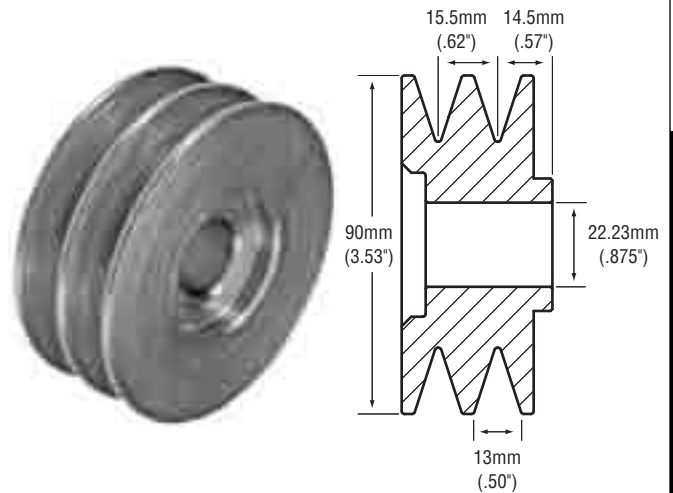
24-1504
Pulley - 2-Groove

For: Delco 30SI/TR Series IR/EF Alternators
Used On: Chevrolet, GMC Truck w/ 671 Detroit Diesel Engine
Dim: 13mm Belts x 76mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
 • Machined pulley cut from cold rolled steel



24-1507
Pulley - 2-Groove

For: Delco 21SI, 22SI, 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Used On: Ford Truck
Replaces: Delco 830279; Ford D4HZ-10344-A, GP-589
Dim: 13mm Belts x 85mm OD x 22.23mm (7/8") Bore
Features:
 • Machined pulley cut from cold rolled steel



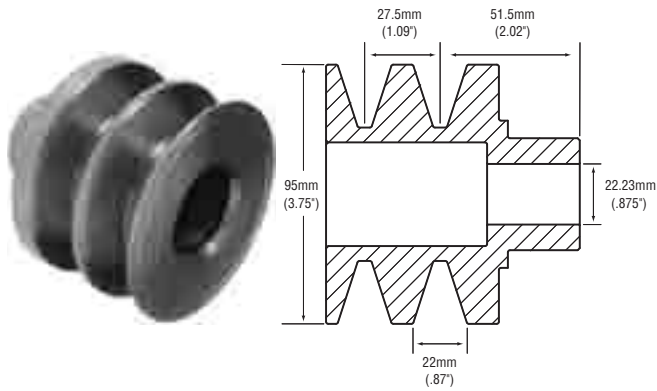
24-1509
Pulley - 2-Groove

For: Delco 21SI Series IR/EF Alternators
Used On: (1993) Consolidated Diesel, Cummins, Detroit Diesel, Ford Truck, Mack, Volvo White-GMC
Replaces: IHC 1687644C1
Dim: 13mm Belts x 90mm OD x 22.23mm (7/8") Bore
Features:
 • Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

DELCO

2-Groove (cont'd.)



24-6501

Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators

Used On: Caterpillar, Cummins

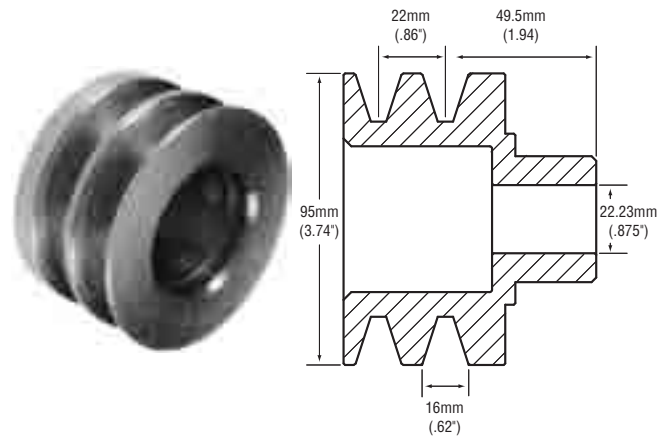
Replaces: Caterpillar 9S6129

Dim: 22mm Belts x 95mm OD x 22.23mm (7/8") Bore

w/ Keyway

Features:

- Machined pulley cut from cold rolled steel



24-6502

Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators

Used On: Caterpillar

Replaces: Caterpillar 5S7609

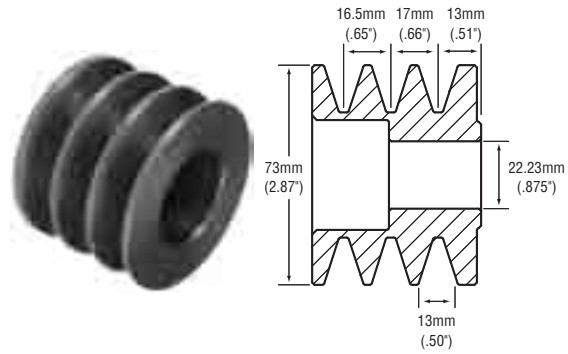
Dim: 16mm Belts x 95mm OD x 22.23mm (7/8") Bore

w/ Keyway

Features:

- Machined pulley cut from cold rolled steel

3-Groove



24-1505

Pulley - 3-Groove

For: Delco 27SI/Type 205 Series IR/EF Alternators

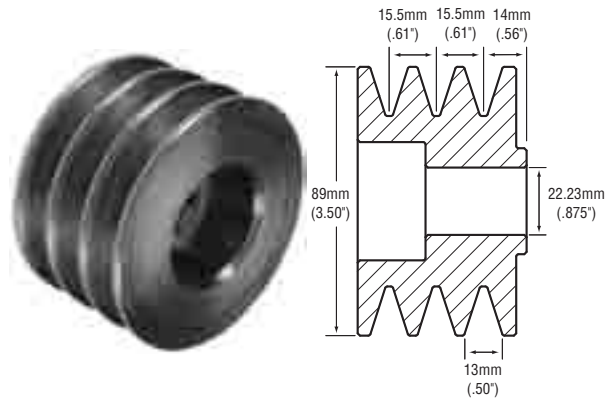
Used On: Chevrolet, GMC Truck, IHC Truck

Replaces: Delco 2048694

Dim: 13mm Belts x 73mm OD x 22.23mm (7/8") Bore

Features:

- Machined pulley cut from cold rolled steel



24-1506

Pulley - 3-Groove

For: Delco 25SI, 29SI, 30SI Series IR/EF Alternators

Used On: Mack Trucks

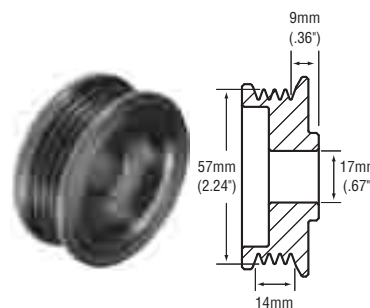
Replaces: Mack Truck 310GC276

Dim: 13mm Belts x 89mm OD x 22.23mm (7/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel

4-Groove



24-1252

Pulley - 4-Groove

For: Delco 12SI, 17SI, CS144 Series IR/EF Alternators

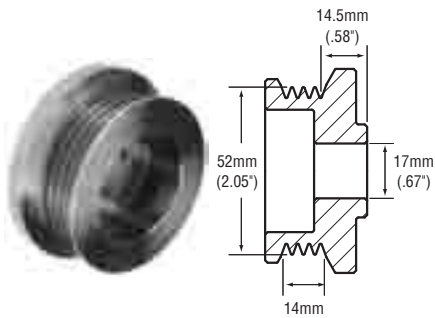
Used On: (1986-84) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 1989030

Dim: 14mm Belt x 57mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1253

Pulley - 4-Groove

For: Delco 12SI, CS121, CS130 Series IR/EF Alternators

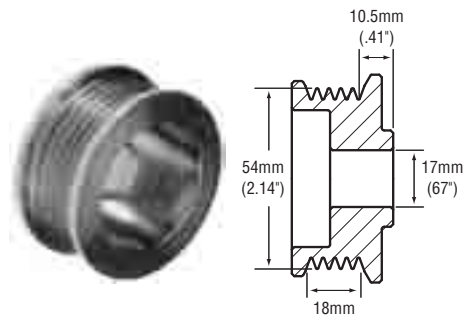
Used On: (1991-85) Buick, Oldsmobile, Pontiac

Replaces: Delco 1987648

Dim: 14mm Belt x 52mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1257

Pulley - 5-Groove

For: Delco 10SI, 12SI, 17SI, 27SI, CS130, CS144 Series IR/EF Alternators

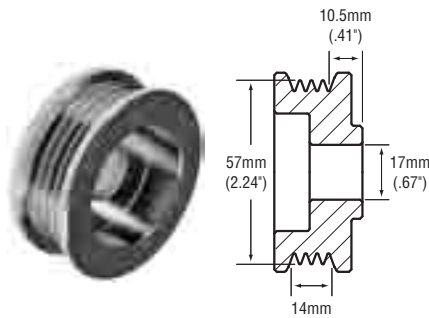
Used On: (1995-85) Chevrolet, GMC, Pontiac

Replaces: Delco 10495231, 10497102, 10497174, 10498149

Dim: 18mm Belt x 54mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1264

Pulley - 4-Groove

For: Delco 12SI, CS130 Series IR/EF Alternators

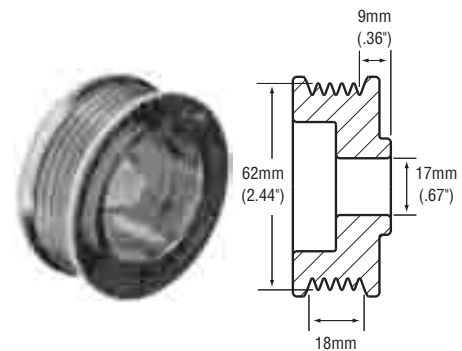
Used On: (1992-85) Chevrolet, GMC

Replaces: Delco 10495514

Dim: 14mm Belt x 57mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1259

Pulley - 5-Groove

For: Delco 12SI, CS121, CS130 Series IR/EF Alternators

Used On: (1994-84) Buick, Chevrolet, Oldsmobile, Pontiac

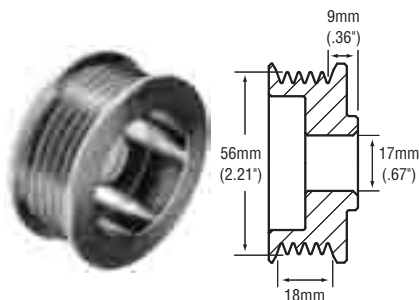
Replaces: Delco 1987524, 10498446

Dim: 18mm Belt x 62mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required

5-Groove



24-1254

Pulley - 5-Groove

For: Delco CS130 Series IR/EF Alternators

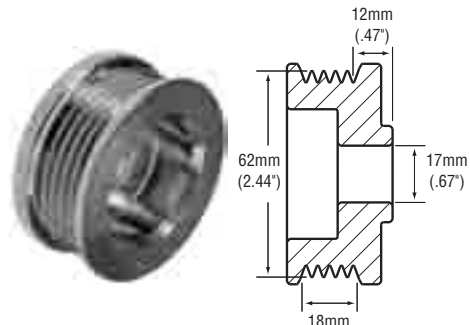
Used On: (1996-92) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10473389

Dim: 18mm Belt x 56mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1265

Pulley - 5-Groove

For: Delco CS130 Series IR/EF Alternators

Used On: (1995-88) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10499041

Dim: 18mm Belt x 62mm OD x 17mm Bore

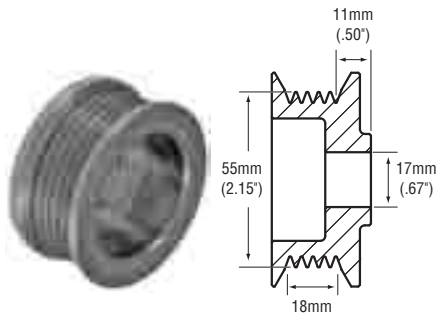
Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required

ALTERNATOR - PULLEYS (24-)

DELCO

5-Groove (cont'd.)



24-1267

Pulley - 5-Groove

For: Delco CS121 Series IR/EF Alternators

Used On: (1995-89) Geo, Toyota

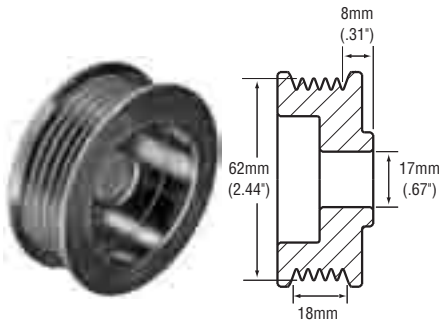
Replaces: Delco 10469511

Lester Nos: 13412, 13483, 8106, 8128, 8153

Dim: 18mm Belt x 55mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1278

Pulley - 5-Groove

For: Delco CS130D Series IR/IF Alternators

Used On: (1995) Chevrolet, Pontiac

Replaces: Delco 10477147

Unit Nos: Delco 10463605, 10480074

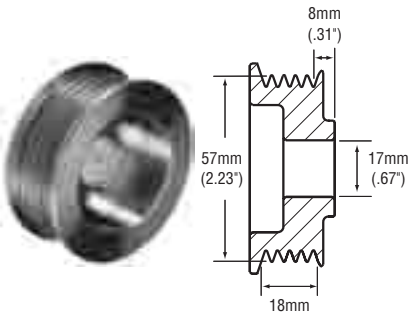
Lester Nos: 8190

WAI Ref. Nos: 1-1986-41DR

Dim: 18mm Belt x 62mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1280

Pulley - 5-Groove

For: Delco CS130D Series IR/IF Alternators

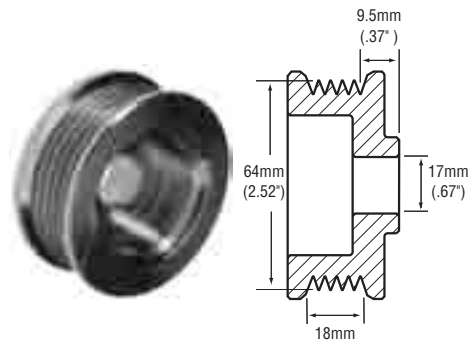
Used On: (2002-96) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10489052

Dim: 18mm Belt x 57mm OD x 17mm Bore

Features:

- Machined steel pulley cut from cold rolled steel



24-1284

Pulley - 5-Groove

For: Delco 12SI, CS121, CS130 IR/EF; CS121D IR/IF Series Alternators

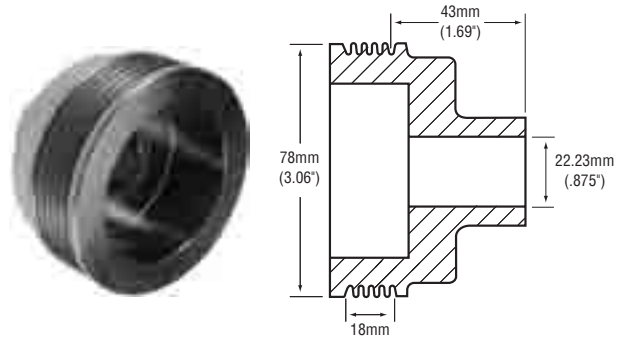
Used On: (2002-85) Buick, Chevrolet, GMC, Oldsmobile, Pontiac, Saturn

Replaces: Delco 10497100

Dim: 18mm Belt x 64mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-7751

Pulley - 5-Groove

For: Delco 30SI Series IR/EF; Motorola Alternators

Used On: Cummins, Michigan Loader, Ingersoll-Rand

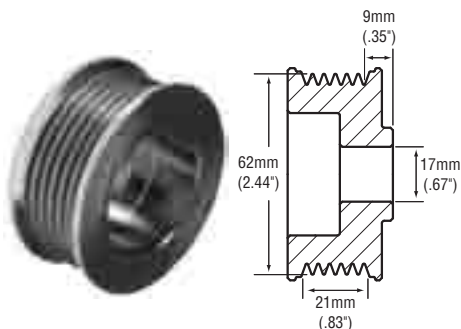
Replaces: Cummins 3002323

Dim: 18mm Belt x 78mm OD x 22.23mm (7/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel

6-Groove



24-1250

Pulley - 6-Groove

For: Delco 10SI, 12SI, 15SI, 17SI, CS130, CS144 Series IR/EF Alternators

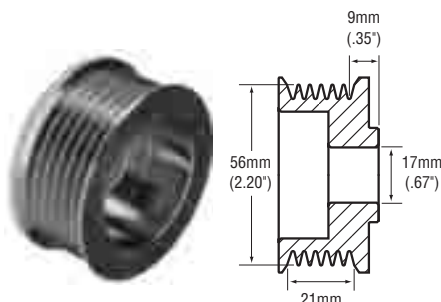
Used On: (2002-82) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

Replaces: Delco 1989104, 10498550

Dim: 21mm Belt x 62mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1255-3

Pulley - 6-Groove

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators

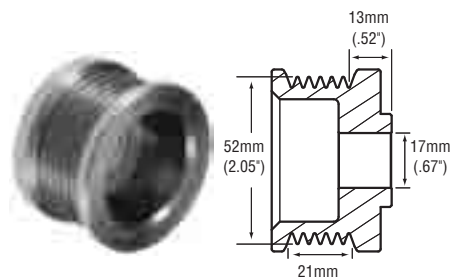
Used On: (2000-79) AMC, Buick, Cadillac, Chevrolet, Chevrolet Truck, Dodge, Eagle, Ford, GMC, GMC Truck, Isuzu, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac

Replaces: Delco 1979422, 1985964, 10496811, 10497175; Ford D9AF-10A352-AA, D9AZ-10344-A, E2AF-10A352-CA, E6DF-10A352-HA, E6DZ-10344-C, E6DZ-10344-E, E7LZ-10344-A, GP-599, GP-625, GP-634, GP-637

Dim: 21mm Belt x 56mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1261

Pulley - 6-Groove

For: Delco 17SI Series IR/EF Alternators

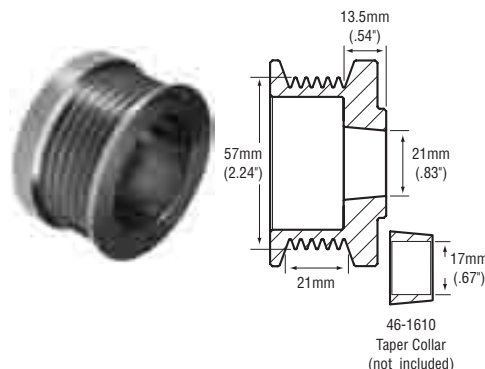
Replaces: Delco 1987376

Lester Nos: 7291

Dim: 21mm Belt x 52mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-1262

Pulley - 6-Groove

For: Delco 17SI, CS144 Series IR/EF Alternators

Used On: (1992-85) Cadillac

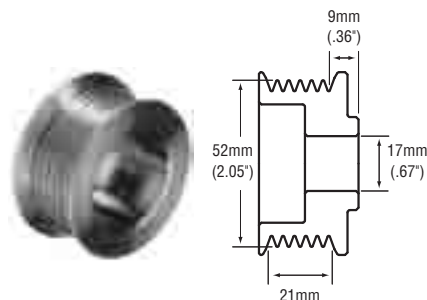
Replaces: Delco 10495541

Dim: 21mm Belt x 57mm OD x 21mm Bore* (17mm Shaft)

Note: *Requires 46-1610 taper collar (not included)

Features:

- Machined pulley cut from cold rolled steel



24-1263

Pulley - 6-Groove

For: Delco CS130 Series IR/EF Alternators

Used On: (1998-86) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10496580

Dim: 21mm Belt x 52mm OD x 17mm Bore

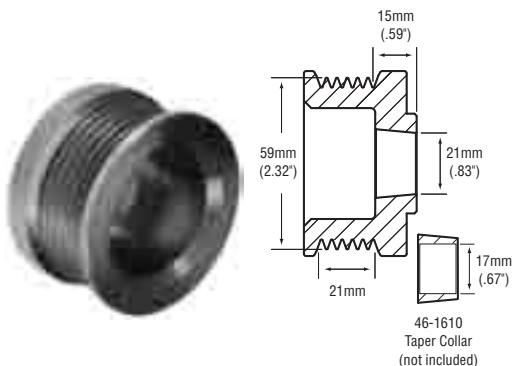
Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required

ALTERNATOR - PULLEYS (24-)

DELCO

6-Groove (cont'd.)



24-1269

Pulley - 6-Groove

For: Delco CS144 Series IR/EF Alternators

Used On: (1995-91) Cadillac

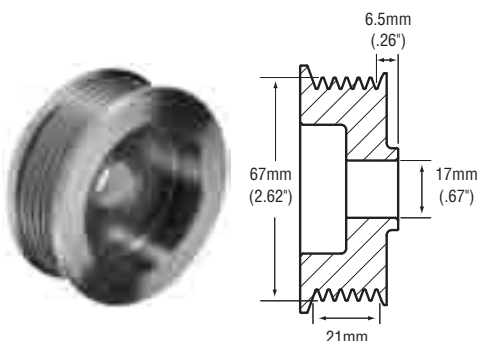
Replaces: Delco 10471713

Dim: 21mm Belt x 59mm OD x 21mm Bore* (17mm Shaft)

Note: *Requires 46-1610 taper collar (not included)

Features:

- Machined pulley cut from cold rolled steel



24-1271

Pulley - 6-Groove

For: Delco CS130D Series IR/IF Alternators

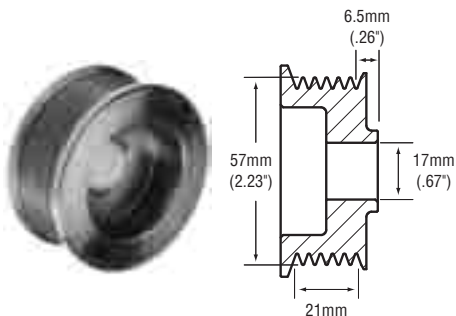
Used On: (2002-94) Chevrolet, GMC, Isuzu, Oldsmobile

Replaces: Delco 10476225

Dim: 21mm Belt x 67mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1272

Pulley - 6-Groove

For: Delco AD230, AD244, CS130D Series IR/IF Alternators

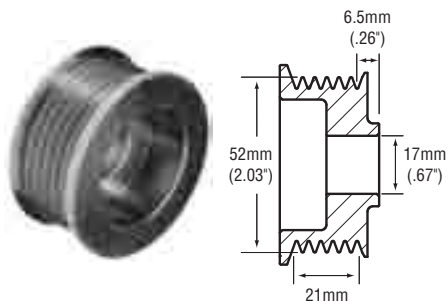
Used On: (2005-94) Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac

Replaces: Delco 10475747

Dim: 21mm Belt x 57mm OD x 17mm Bore

Features:

- Machined steel pulley cut from cold rolled steel



24-1273

Pulley - 6-Groove

For: Delco CS130D Series IR/IF Alternators

Used On: (2001-93) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10476389

Dim: 21mm Belt x 52mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1277

Pulley - 6-Groove

For: Delco CS144 Series IR/EF Alternators

Used On: (1995) Buick, Oldsmobile, Pontiac

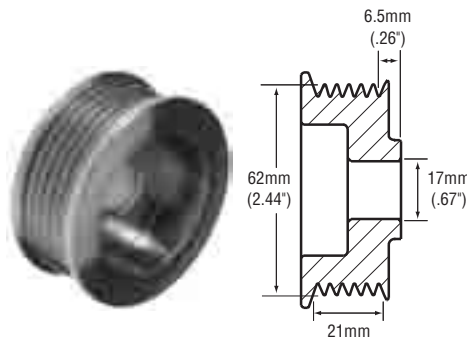
Replaces: Delco 10476070

Dim: 21mm Belt x 56mm OD x 17mm Bore

Note: For late style pulley w/ 61mm OD use 24-1281

Features:

- Machined steel pulley cut from cold rolled steel



24-1279

Pulley - 6-Groove

For: Delco AD237, CS130D Series IR/IF Alternators

Used On: (2005-95) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac

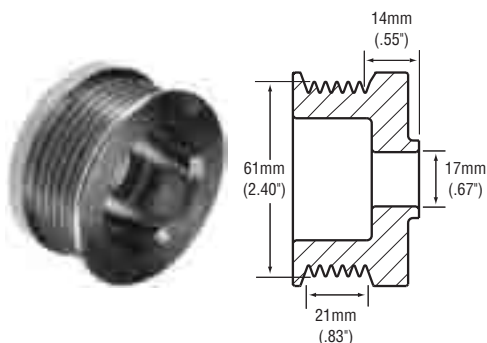
Replaces: Delco 10477425

Dim: 21mm Belt x 62mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

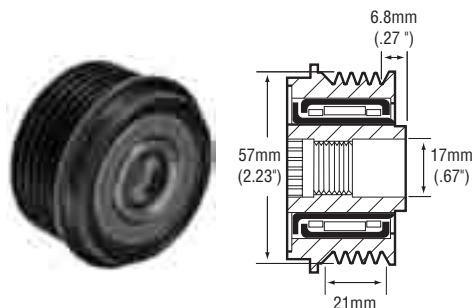


24-1281

Pulley - 6-Groove

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-95) Buick, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10457238
Dim: 21mm Belt x 61mm OD x 17mm Bore
Note: For early style pulley w/ 56mm OD use 24-1277
Features:

- Machined steel pulley cut from cold rolled steel

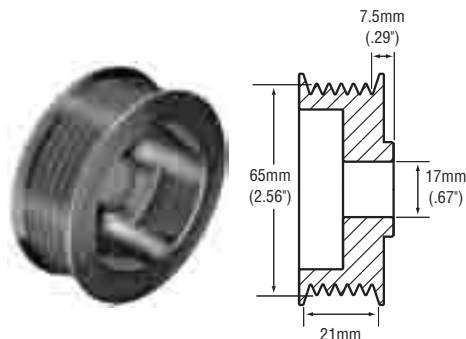


24-1283

Pulley - 6-Groove

For: Delco AD237 Series IR/IF Alternators
Used On: (2002-99) Oldsmobile
Unit Nos: Delco 10480341
Lester Nos: 8241
WAI Ref. Nos: 1-2199-01DR
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:

- Overrunning Clutch



24-1286

Pulley - 6-Groove

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-97) Acura, Honda
Unit Nos: Delco 10480228; Honda 31100-P8A-A01, -A02
Lester Nos: 8220
WAI Ref. Nos: 1-2058-11DR

(cont'd.)

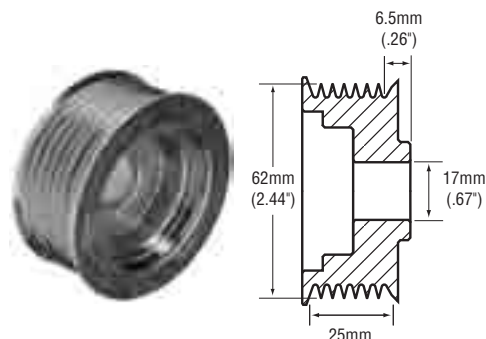
(cont'd.)

Dim: 21mm Belt x 65mm OD x 17mm Bore
Note: 7.5mm from hub to the center of the first groove.
 Similar to 24-1271 except 24-1271 is 6.5mm from hub to the center of the first groove.

Features:

- Machined pulley cut from cold rolled steel

7-Groove

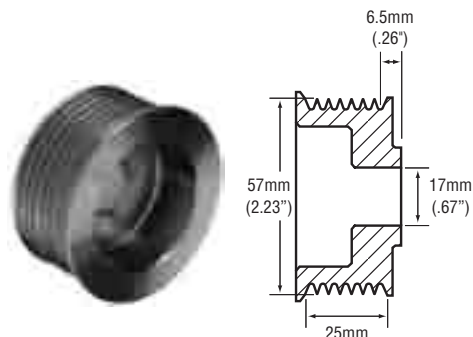


24-1287

Pulley - 7-Groove

For: Delco AD230 Series IR/IF Alternators
Used On: Chevrolet, GMC Trucks
Replaces: Delco 10454679
Unit Nos: Delco 15769252
Lester Nos: 8490
WAI Ref. Nos: 1-2415-41DR
Dim: 25mm Belt x 62mm OD x 17mm Bore
Features:

- Machined pulley cut from cold rolled steel



24-1288

Pulley - 7-Groove

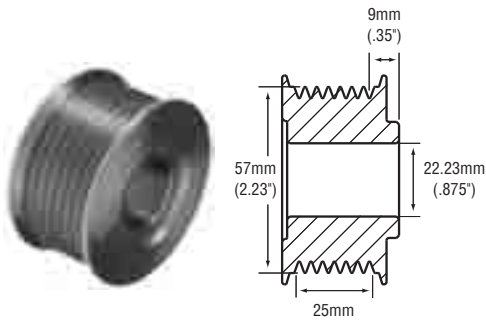
For: Delco AD244 Series IR/IF Alternators
Used On: Chevrolet, GMC Trucks
Replaces: Delco 10454660
Unit Nos: Delco 15769253, 15769254
Lester Nos: 8492, 8493
WAI Ref. Nos: 1-2418-41DR
Dim: 25mm Belt x 57mm OD x 17mm Bore
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

DELCO

7-Groove (cont'd.)



24-1751

Pulley - 7-Groove

For: Delco 20SI, 21SI Series IR/EF Alternators

Used On: (1993-90) Chevrolet Truck, GMC Truck

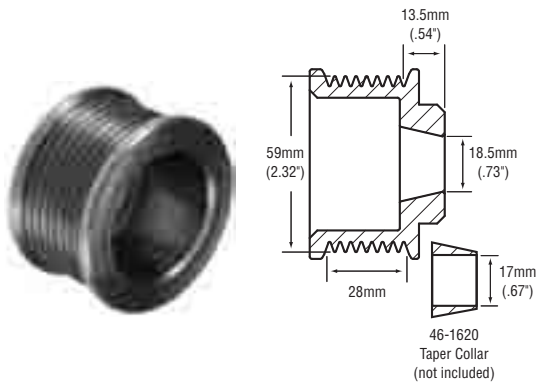
Replaces: Delco 10468768

Dim: 25mm Belt x 57mm OD x 22.23mm (7/8") Bore

Features:

- Machined pulley cut from cold rolled steel

8-Groove



24-1270

Pulley - 8-Groove

For: Delco 12SI Series IR/EF Alternators

Used On: GMC Truck w/ Cummins 3.9L, 5.9L (Diesel) Engine

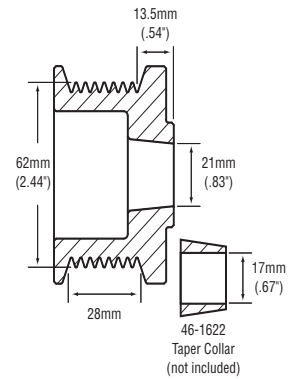
Replaces: Cummins 3908560

Dim: 28mm Belt x 59mm OD x 18.5mm Bore* (17mm Shaft)

Note: *Requires 46-1620 taper collar (not included)

Features:

- Machined pulley cut from cold rolled steel



24-1276

Pulley - 8-Groove

For: Delco 10SI, 15SI, CS130 Series IR/EF Alternators

Used On: Freightliner

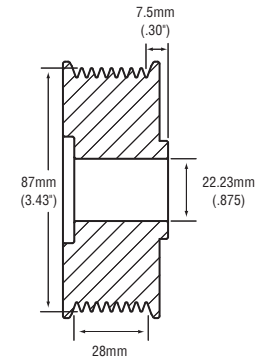
Replaces: Delco 1987810

Dim: 28mm Belt x 62mm OD x 21mm Bore* (17mm Shaft)

Note: *Requires 46-1622 taper collar (not included)

Features:

- Machined steel pulley cut from cold rolled steel



24-1752

Pulley - 8-Groove

For: Delco 21SI, 25SI, 26SI, 30SI Series IR/EF Alternators

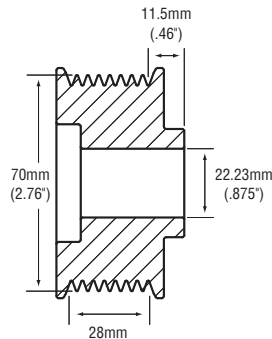
Used On: Ford Truck

Replaces: Delco 10468526; Ford F0HZ-10344-C, GP-674

Dim: 28mm Belt x 87mm OD x 22.23mm (7/8") Bore

Features:

- Machined pulley cut from cold rolled steel



24-1753

Pulley - 8-Groove

For: Delco 21SI, 22SI, 33SI, 34SI Series IR/EF Alternators

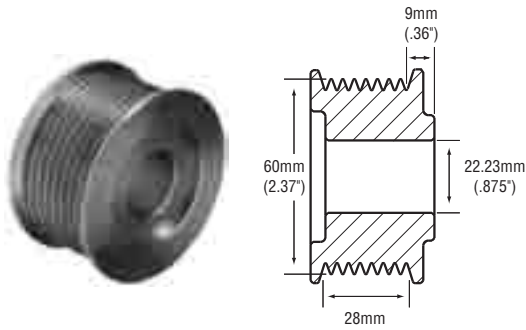
Used On: (1993) Ford Truck

Replaces: Delco 10474925; Ford F3HZ-10344-B, GP-698

Dim: 28mm Belt x 70mm OD x 22.23mm (7/8") Bore

Features:

- Machined pulley cut from cold rolled steel



24-1755

Pulley - 8-Groove

For: Delco 22SI, 27SI/Type 200 Series IR/EF Alternators

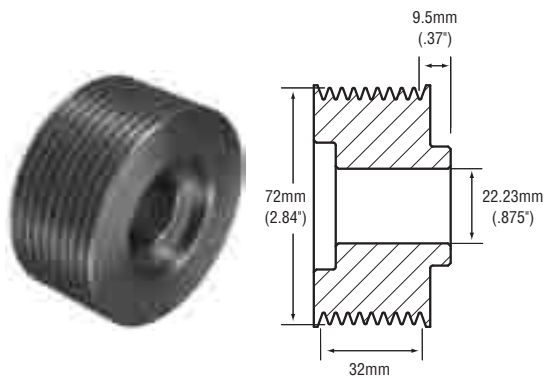
Replaces: Delco 10499362

Dim: 28mm Belt x 60mm OD x 22.23mm (7/8") Bore

Features:

- Machined pulley cut from cold rolled steel

9-Groove



24-1750

Pulley - 9-Groove

For: Delco 25SI, 30SI Series IR/EF Alternators

Used On: Cummins Diesel, Detroit Diesel, Euclid, Freightliner, Kenworth, Mack, Peterbilt, Uni-Rig, White

Replaces: Detroit Diesel 5145471

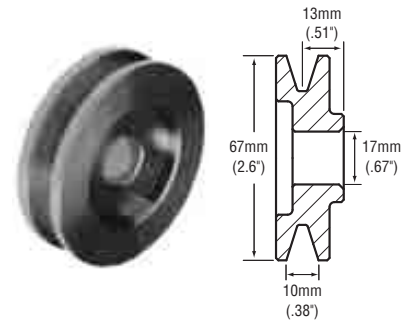
Dim: 32mm Belt x 72mm OD x 22.23mm (7/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel

FORD

1-Groove



24-1100-1

Pulley - 1-Groove

For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF; Ford 1G Series ER/EF, 2G Series IR/EF Alternators

Used On: (1992-73) AMC, Buick, Cadillac, Chevrolet, Ford, GMC, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac

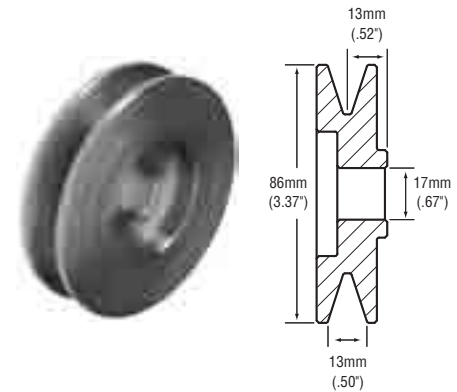
Replaces: Delco 1893675, 1949356, 1970757, 10476394, 10495192;

Ford C5AZ-10344-K, C9AF-10A352-B, E87F-10A352-AA, E8TZ-10344-A, GP-493, GP-652

Dim: 10mm Belt x 67mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2100

Pulley - 1-Groove

For: Ford 1G Series 40-65A ER/EF Alternators

Used On: Ford Industrial Engines

Replaces: Ford D3JL-10130-D1

Dim: 13mm Belt x 86mm OD x 17mm Bore

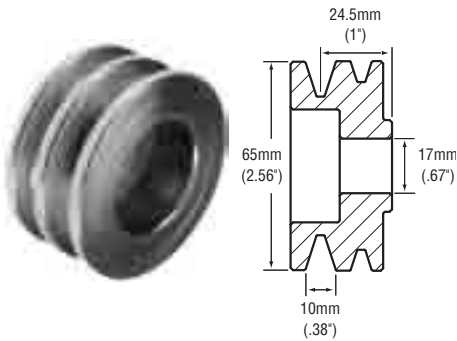
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

1-Groove (cont'd.)



24-2102

Pulley - 1-Groove

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators

Used On: (1991-84) Ford, Mercury

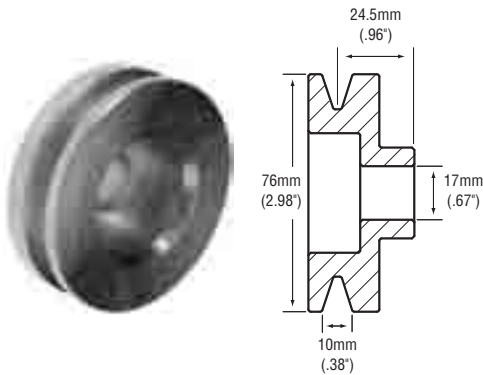
Replaces: Ford E43F-10A352-AA, E53F-10A352-AA, E73F-10A352-AA, E73Z-10344-A, GP-638

Dim: 10mm Belts x 65mm OD x 17mm Bore

Note: Appears to be 2-groove but inboard groove serves as an extension and is not used as a belt groove

Features:

- Machined pulley cut from cold rolled steel



24-2104

Pulley - 1-Groove

For: Ford 3G Series IR/IF Alternators

Used On: (1991) Ford, Mercury

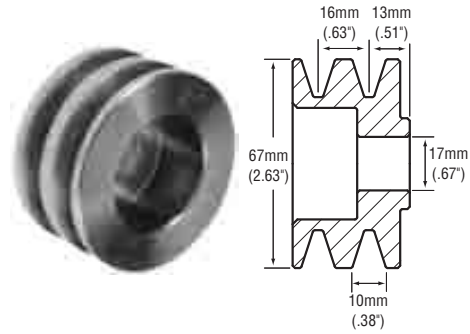
Replaces: Ford F13U-10A352-AA, F13Z-10344-A, GP-684

Dim: 10mm Belt x 76mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

2-Groove



24-1101

Pulley - 2-Groove

For: Delco 10DN ER/EF; 10SI, 12SI, 15SI, 27SI/Type 100 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators

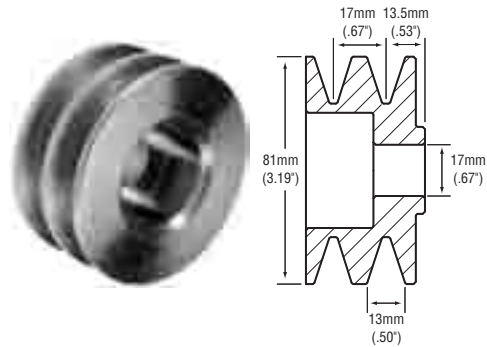
Used On: (1991-73) AMC, Buick, Chevrolet, Ford, GMC, Jeep, Mercury, Oldsmobile, Pontiac

Replaces: Delco 1846787, 1964758, 1968354, 1970830; Ford C5AZ-10344-L, C5TF-10A352-K2, C9AF-10A352-C, E4TZ-10344-B, E6SF-10A352-AA, E6SZ-10344-A, GP-494, GP-617, GP-629

Dim: 10mm Belts x 67mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-1107

Pulley - 2-Groove

For: Delco 10SI/Type 116 Series IR/EF; Ford 1G Series ER/EF, 2G Series IR/EF; Nippondenso IR/EF Alternators

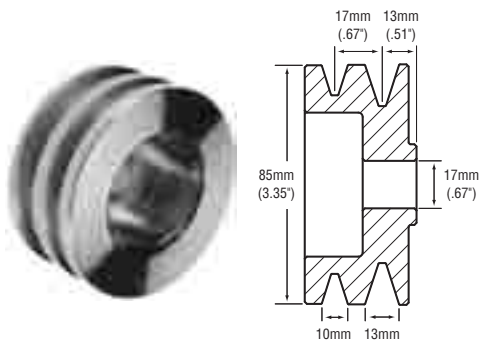
Used On: John Deere

Replaces: Ford C5TZ-10344-J, C5TF-10A352-J2, GP-466; John Deere R81507

Dim: 13mm Belts x 81mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2103

Pulley - 2-Groove

For: Ford 1G Series 70-100A ER/EF, 2G Series IR/EF Alternators

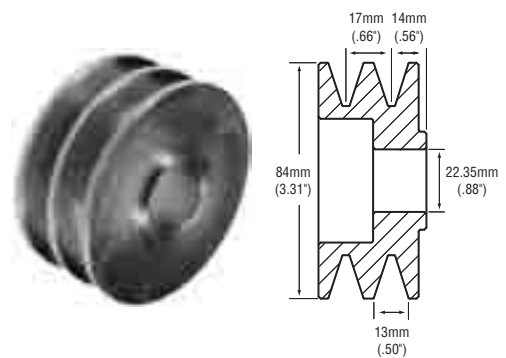
Used On: (1992-83) Ford

Replaces: Ford E3TF-10A352-AA, E9TF-10A352-AA, E9TZ-10344-A, GP-609-A

Dim: 10mm/13mm Belts x 85mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2500

Pulley - 2-Groove

For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators

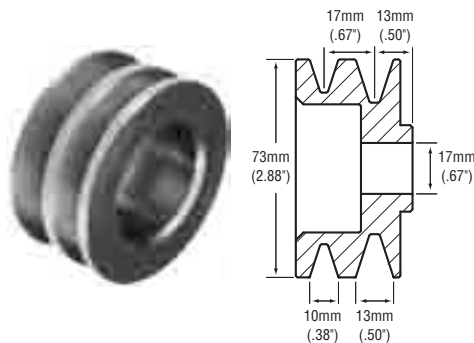
Used On: Ford Truck

Replaces: Ford C7TF-10A352-A, C7TZ-10344-A, E2HF-10A352-AA, E2HZ-10344-A, GP-484, GP-608

Dim: 13mm Belts x 84mm OD x 22.35mm (.880") Bore

Features:

- Machined pulley cut from cold rolled steel



24-2105

Pulley - 2-Groove

For: Ford 3G Series IR/IF Alternators

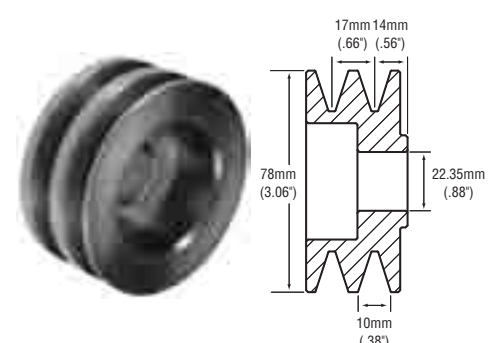
Used On: (1992) Ford

Replaces: Ford F2UU-10A352-AA, F2UZ-10344-A, GP-689

Dim: 10mm/13mm Belts x 73mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2501

Pulley - 2-Groove

For: Ford 1G Series Truck 65-90A ER/EF Alternators

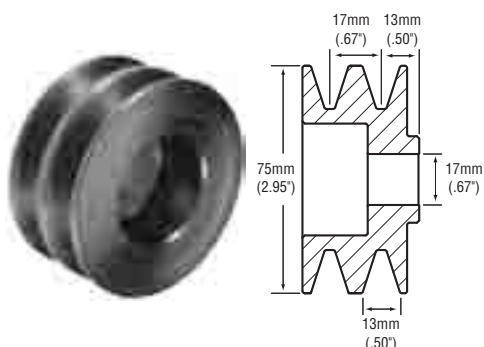
Used On: Ford Truck

Replaces: Ford C7TF-10A352-B, C7TZ-10344-B, GP-485

Dim: 10mm Belts x 78mm OD x 22.35mm (.880") Bore

Features:

- Machined pulley cut from cold rolled steel



24-2106

Pulley - 2-Groove

For: Ford 3G Series IR/IF Alternators

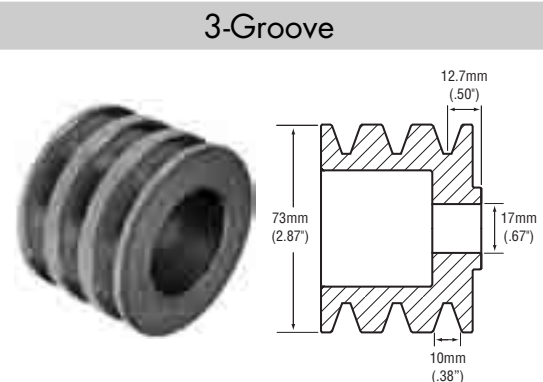
Used On: (1995-93) Ford Truck

Replaces: Ford F1HU-10A352-AB, F1HZ-10344-A, GP-688

Dim: 13mm Belts x 75mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2107

Pulley - 3-Groove

For: Ford 3G, 6G Series IR/IF Alternators

Dim: 10mm Belts x 73mm OD x 17mm Bore

Note: 3rd. pulley groove is used on applications with auxiliary pump

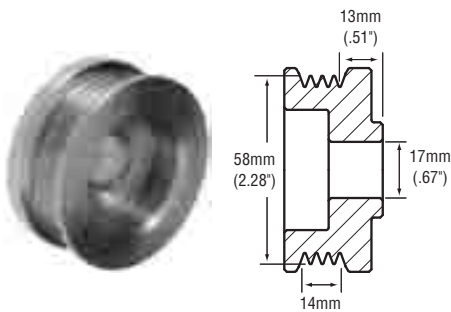
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

4-Groove



24-2255

Pulley - 4-Groove

For: Ford 1G Series 70-100A ER/EF Alternators

Used On: (1987-86) Ford, Mercury

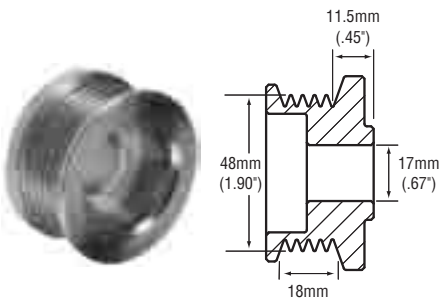
Replaces: Ford E6DF-10A352-GA, E7DZ-10344-A, GP-635

Dim: 14mm Belt x 58mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

5-Groove



24-2250

Pulley - 5-Groove

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators

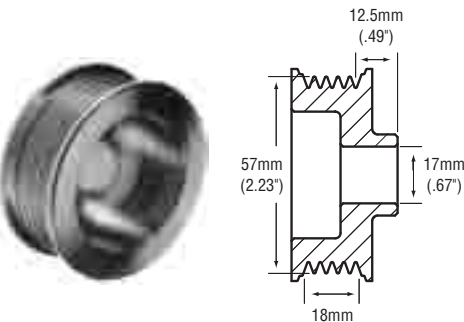
Used On: (1988-81) Ford, Mercury

Replaces: Ford E1EF-10A352-EA, E1EF-10A352-EB, E7EF-10A352-BA, E7FZ-10344-B, E8EF-10A352-AA, E9FZ-10344-C, GP-640, GP-664

Dim: 18mm Belt x 48mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2259

Pulley - 5-Groove

For: Ford 3G Series IR/IF Alternators

Used On: (1994-91) Ford, Mercury

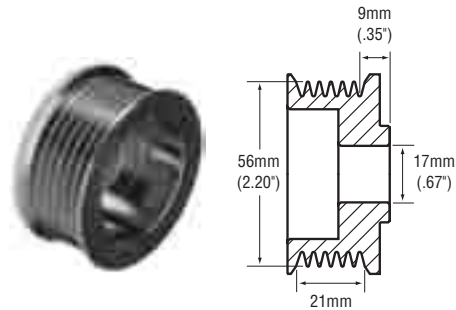
Replaces: Ford F1DZ-10344-A, F23Z-10344-B, GP-676, GP-690

Dim: 18mm Belt x 57mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

6-Groove



24-1255-3

Pulley - 6-Groove

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF Alternators

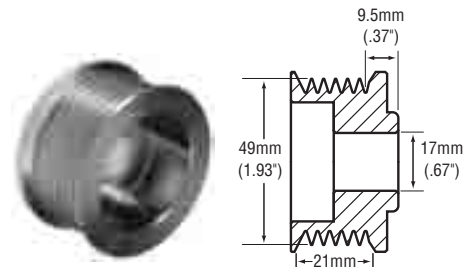
Used On: (2000-79) AMC, Buick, Cadillac, Chevrolet, Chevrolet Truck, Dodge, Eagle, Ford, GMC, GMC Truck, Isuzu, Jeep, Lincoln, Mercury, Oldsmobile, Pontiac

Replaces: Delco 1979422, 1985964, 10496811, 10497175; Ford D9AF-10A352-AA, D9AZ-10344-A, E2AF-10A352-CA, E6DF-10A352-HA, E6DZ-10344-C, E6DZ-10344-E, E7LZ-10344-A, GP-599, GP-625, GP-634, GP-637

Dim: 21mm Belt x 56mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel
- Designed w/ hub - no pulley spacer required



24-2252-1

Pulley - 6-Groove

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators

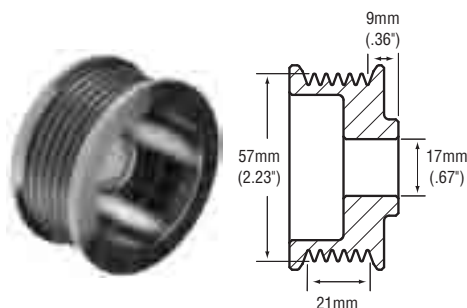
Used On: (1994-79) Ford, Lincoln, Mercury

Replaces: Ford D9ZF-10A352-AA, E6SF-10A352-BA, E6SZ-10344-B, E7AF-10A352-AA, E7AZ-10344-A, GP-600, GP-627, GP-641

Dim: 21mm Belt x 49mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2254

Pulley - 6-Groove

For: Ford 3G Series IR/IF Alternators

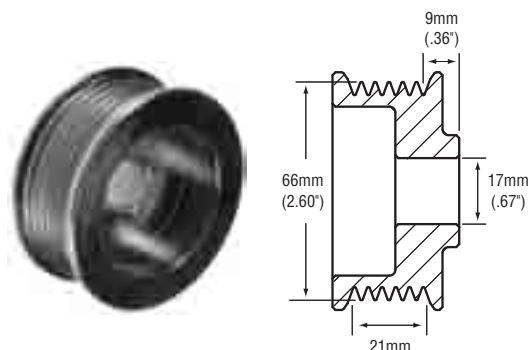
Used On: (2005-89) Ford, Lincoln, Mazda, Mercury

Replaces: Ford E9DF-10A352-AA, E9DZ-10344-A, F0VF-10A352-AA, F0VY-10344-A, GP-665, GP-666, GP-679, GP-681, GP-712, GP-717, GP-721, GP-721-A

Dim: 21mm Belt x 57mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2257

Pulley - 6-Groove

For: Ford 3G Series IR/IF Alternators

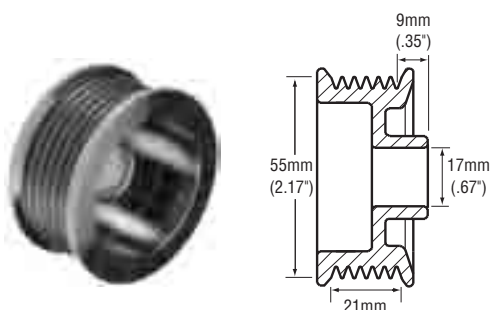
Used On: (2002-90) Ford, Lincoln, Mazda, Mercury

Replaces: Ford F0CF-10A352-AA, F0CZ-10344-A, F0DF-10A352-AA, F0DZ-10344-A, GP-667, GP-668, GP-680, GP-683, GP-685

Dim: 21mm Belt x 66mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2254-1

Pulley - 6-Groove

For: Ford 3G, 6G Series IR/IF Alternators

Used On: (2005-89) Ford, Lincoln, Mazda, Mercury

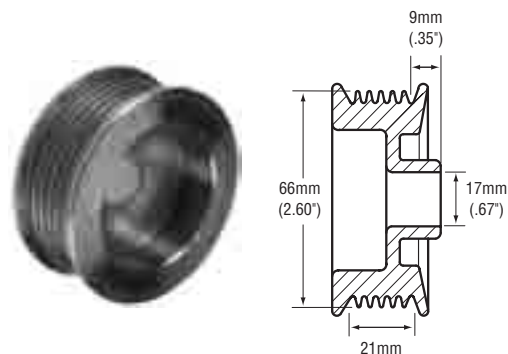
Replaces: Ford E9DF-10A352-AA, E9DZ-10344-A, F0VF-10A352-AA, F0VY-10344-A, F5AU-10A352-A2A, GP-665, GP-666, GP-679, GP-681, GP-712, GP-717, GP-721, GP-721-A

Dim: 21mm Belt x 55mm OD x 17mm Bore

Note: With cutout around pulley hub for use w/ late-style D.E. frames w/ raised collar enclosing bearing

Features:

- Machined pulley cut from cold rolled steel



24-2257-1

Pulley - 6-Groove

For: Ford 3G, 6G Series IR/IF Alternators

Used On: (2002-90) Ford, Lincoln, Mazda, Mercury

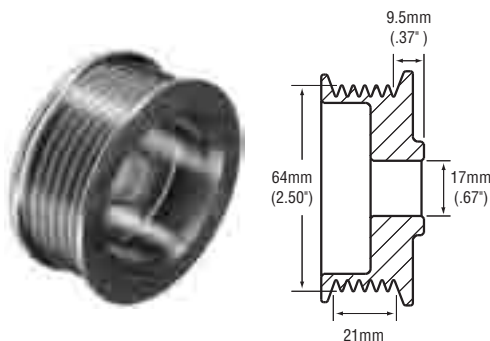
Replaces: Ford F0CF-10A352-AA, F0CZ-10344-A, F0DF-10A352-AA, F0DZ-10344-A, GP-667, GP-668, GP-680, GP-683, GP-685

Dim: 21mm Belt x 66mm OD x 17mm Bore

Note: With cut-out around pulley hub for use w/ late-style D.E. frames w/ raised collar enclosing bearing

Features:

- Machined pulley cut from cold rolled steel



24-2256

Pulley - 6-Groove

For: Ford 1G Series 100A ER/EF, 2G Series IR/EF Alternators

Used On: (1991-88) Ford, Lincoln, Mercury

Replaces: Ford E8DZ-10344-B, F09F-10A352-AA, F09Z-10344-A, GP-648, GP-669

Dim: 21mm Belt x 64mm OD x 17mm Bore

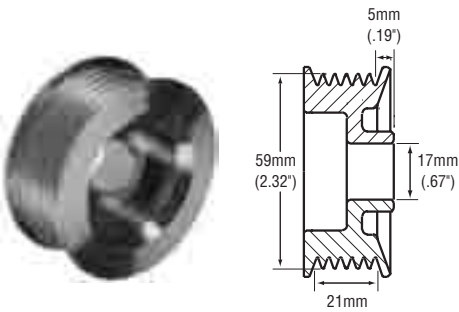
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

6-Groove (cont'd.)



24-2263

Pulley - 6-Groove

For: Ford 4G Series IR/IF Alternators

Used On: (2005-95) Ford, Lincoln, Mercury

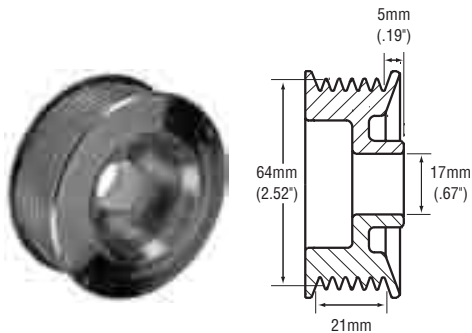
Replaces: Ford F5OU-10A352-DA, F5OU-10A352-FA, F5OY-10344-F, F5OZ-10344-D, GP-713, GP-715

Dim: 21mm Belt x 59mm OD x 17mm Bore

Note: With cutout around pulley hub for use w/ late style D.E. frames w/ raised collar enclosed bearing.

Features:

- Machined pulley cut from cold rolled steel



24-2264

Pulley - 6-Groove

For: Ford 4G Series IR/IF Alternators

Used On: (1999-96) Ford, Mercury

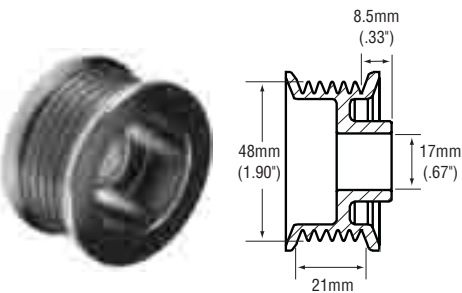
Replaces: Ford F5OZ-10344-E, GP-714-A

Dim: 21mm Belt x 64mm OD x 17mm Bore

Note: With cutout around pulley hub for use w/ late style D.E. frames w/ raised collar enclosed bearing.

Features:

- Machined pulley cut from cold rolled steel



24-2271

Pulley - 6-Groove

For: Ford 3G, 6G Series IR/IF Alternators

Used On: (2002-98) Ford, Mercury

Replaces: Ford F7RZ-10344-AA, XS9U-10A352-AA

Dim: 21mm Belt x 48mm OD x 17mm Bore

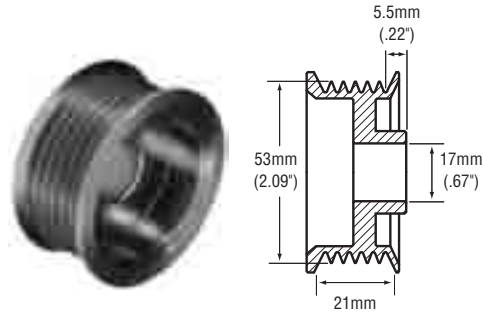
(cont'd.)

(cont'd.)

Note: 1st production Ford Contour, Mercury Mystique used 3G series alternators w/ 52mm pulley OD, 2nd production Ford Contour, Mercury Mystique used 6G series alternators w/ 48mm pulley OD. 24-2271 has 48mm pulley OD and will replace pulley w/ 52mm OD

Features:

- Machined pulley cut from cold rolled steel



24-2272

Pulley - 6-Groove

For: Ford 4G Series IR/IF Alternators

Used On: (2003-99) Ford, Lincoln, Mercury

Replaces: Ford 1L2U-10A352-AA, 1L2Z-10344-AB

Unit Nos: Ford 1L2U-10300-AA, -AB; 1L2Z-10346-AB, XW7U-10300-AA, XW7Z-10346-AA

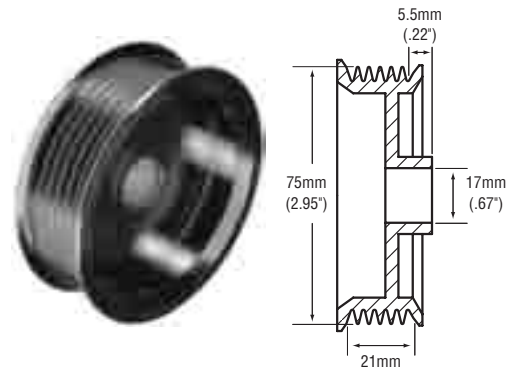
Lester Nos: 7773, 7787

WAI Ref. Nos: 1-1904-12FD, 1-2024-22FD

Dim: 21mm Belt x 53mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2274

Pulley - 6-Groove

For: Ford 4G Series IR/IF Alternators

Used On: (2005-00) Ford, Mercury

Replaces: Ford GP-736, YF1U-10A352-AA, YF1Z-10344-AA

Unit Nos: Ford YF1U-10300-EA, YF1Z-10346-E

Lester Nos: 7780

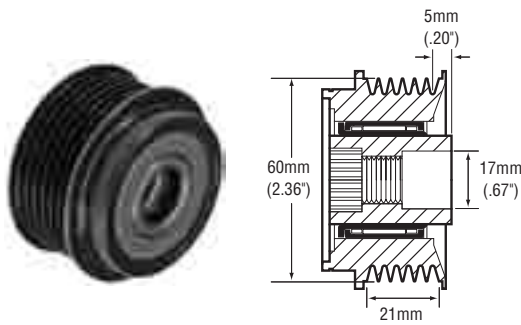
WAI Ref. Nos: 1-1993-12FD

Dim: 21mm Belt x 75mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

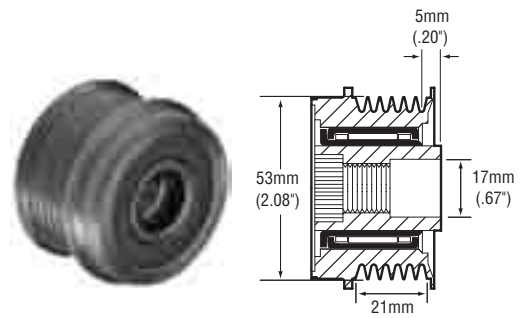
ALTERNATOR - PULLEYS (24-)



24-2278

Pulley - 6-Groove

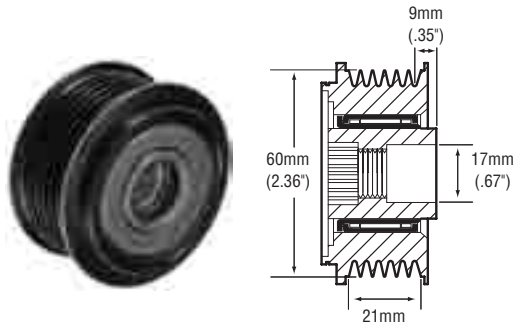
- For:** Ford 4G Series IR/IF Alternators
- Used On:** (2004-03) Ford, Mercury
- Replaces:** (Stamped F-233591)
- Unit Nos:** Ford 3W3Z-10346-AA
- WAI Ref. Nos:** 1-2538-12FD
- Dim:** 21mm Belt x 60mm OD x 17mm Bore
- Note:** 5mm from hub to center of 1st groove.
- Features:**
 - Overrunning Clutch



24-2281

Pulley - 6-Groove

- For:** Ford 4G Series IR/IF Alternators
- Used On:** (2006-04) Ford, Mazda, Mercury
- Unit Nos:** Ford 5L8T-10300-MC, 5L8Z-10346-MA, 6L8Z-10346-MA; Mazda L3H5-18-300A
- Lester Nos:** 8404
- WAI Ref. Nos:** 1-2670-21FD
- Dim:** 21mm Belt x 53mm OD x 17mm Bore
- Note:** 5mm from hub to center of 1st groove
- Features:**
 - Overrunning Clutch

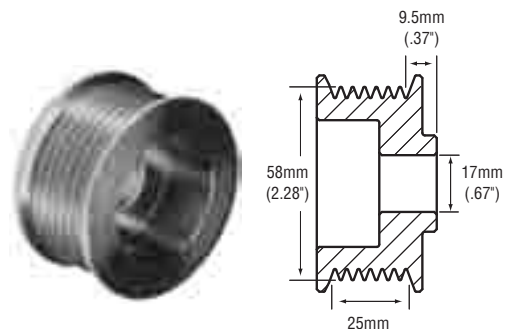


24-2279

Pulley - 6-Groove

- For:** Ford 6G Series IR/IF Alternators
- Used On:** (2004-03) Ford, Lincoln
- Replaces:** (Stamped F-229974.4, XW4U-AA)
- Unit Nos:** Ford 3L74-10300-AA, -BA; 3L7Z-10346-AA, -BA
- Lester Nos:** 8303
- WAI Ref. Nos:** 1-2533-31FD
- Dim:** 21mm Belt x 60mm OD x 17mm Bore
- M16 x 1.50 Int. Threads
- Note:** 9mm from hub to center of 1st groove. M16 x 1.50 Int. Threads. Similar to 24-2280 except 24-2280 has M17 x 1.50 Int. Threads.
- Features:**
 - Overrunning Clutch

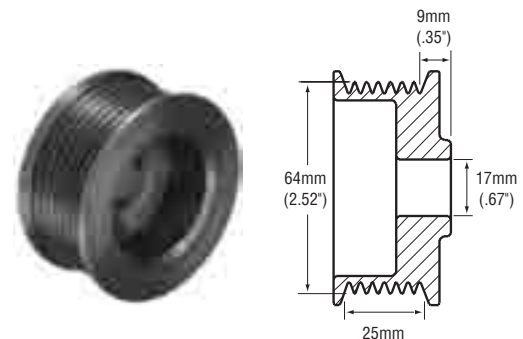
7-Groove



24-2258

Pulley - 7-Groove

- For:** Ford 3G Series IR/IF Alternators
- Used On:** (1992-91) Ford, Lincoln, Mercury
- Replaces:** Ford F1VU-10A352-AA, F1VY-10344-A, GP-682
- Dim:** 25mm Belt x 58mm OD x 17mm Bore
- Features:**
 - Machined pulley cut from cold rolled steel



24-2262

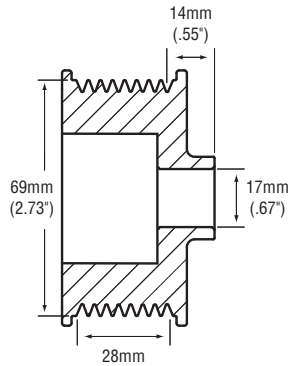
Pulley - 7-Groove

- For:** Ford 3G Series IR/IF Alternators
- Used On:** (1994) Ford
- Replaces:** Ford F5UZ-10344-A, GP-707
- Dim:** 25mm Belt x 64mm OD x 17mm Bore
- Features:**
 - Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

FORD

8-Groove



24-2260

Pulley - 8-Groove

For: Ford 3G Series IR/IF Alternators

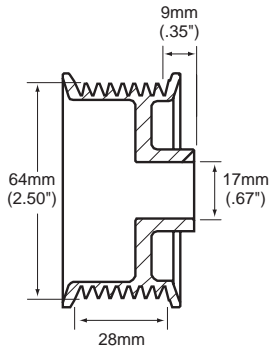
Used On: (1993) Ford Truck

Replaces: Ford F3HU-10A352-AB, F3HZ-10344-A, GP-693

Dim: 28mm Belt x 69mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2261-1

Pulley - 8-Groove

For: Ford 3G, 6G Series IR/IF Alternators

Used On: (2002-95) Ford

Replaces: Ford F5UU-10A352-CA, F5UZ-10344-C, GP-711

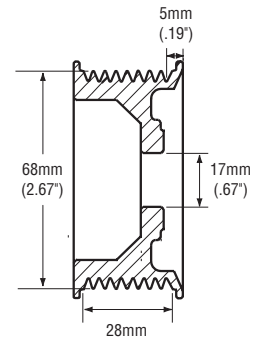
Lester Nos: 7768, 7796

Dim: 28mm Belt x 64mm OD x 17mm Bore

Note: With cutout around pulley hub for use w/ late style D.E. frames w/ raised collar enclosing bearing

Features:

- Machined pulley cut from cold rolled steel



24-2265

Pulley - 8-Groove

For: Ford 3G Series IR/IF Alternators

Used On: Ford Truck

Replaces: Ford F5TU-10A352-AA, F5TZ-10344-AA, GP-718

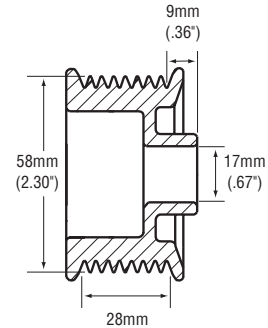
Lester Nos: 7785

Dim: 28mm Belt x 68mm OD x 17mm Bore

Note: Backside of pulley recessed to accommodate D.E. frames w/ wide 10-3032-4 bearing

Features:

- Machined pulley cut from cold rolled steel



24-2266

Pulley - 8-Groove

For: Ford 3G Series IR/IF Alternators

Used On: (2005-97) Ford, Lincoln

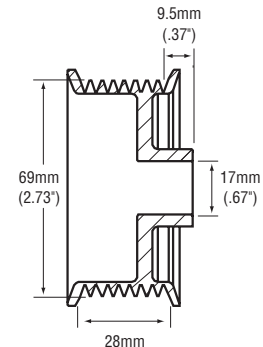
Replaces: Ford F65U-10A352-AA, F65Z-10344-AA, GP-720

Lester Nos: 7764, 7776, 7790, 7791, 8267

Dim: 28mm Belt x 58mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2269

Pulley - 8-Groove

For: Ford 6G Series IR/IF Alternators

Used On: (2005-98) Ford 7.3L Diesel w/ Dual Alternators (bottom position)

Replaces: Ford F81U-10A352-CA

(cont'd.)

(cont'd.)

Lester Nos: 7798, 7799

WAI Ref. Nos: 1-2172-31FD, 1-2178-31FD

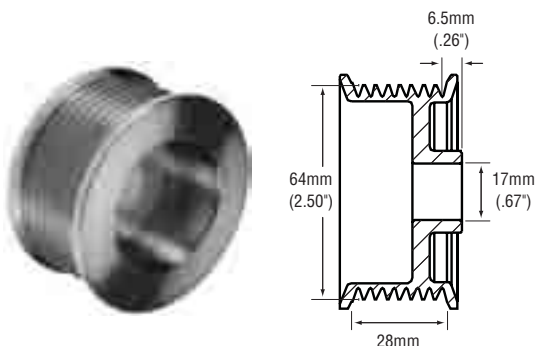
Dim: 28mm Belt x 69mm OD x 17mm Bore

Note: 9.5mm from hub to center of 1st groove.

Used w/ 6303 D.E. bearing

Features:

- Machined pulley cut from cold rolled steel



24-2270

Pulley - 8-Groove

For: Ford 6G Series IR/IF Alternators

Used On: (2002-98) Ford 7.3L Diesel w/ Dual Alternators (top position)

Replaces: Ford F81U-10A352-BA

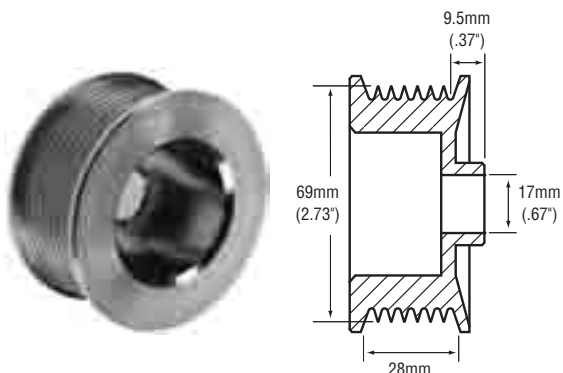
Lester Nos: 7797

WAI Ref. Nos: 1-2209-11FD

Dim: 28mm Belt x 64mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-2273

Pulley - 8-Groove

For: Ford 6G Series IR/IF Alternators

Used On: Ford Heavy Duty Trucks

Unit Nos: Ford F81U-10300-BC, F81Z-10346-BA

Lester Nos: 8262

WAI Ref. Nos: 1-2270-31FD

Dim: 28mm Belt x 69mm OD x 17mm Bore

Note: 9.5mm from hub to center of 1st groove.

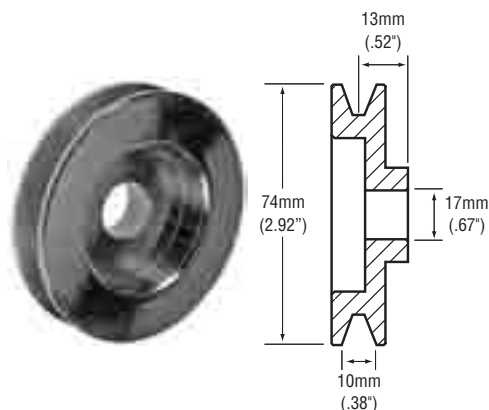
Used w/ 10-3043-4 D.E. bearing

Features:

- Machined pulley cut from cold rolled steel

HITACHI

1-Groove



24-81103

Pulley - 1-Groove

For: Hitachi IR/IF Alternators

Used On: (2001-90) Honda, Isuzu, Nissan

Replaces: Isuzu 8-97074-944-0;

Nissan 23150-0S300, 23150-80G03

Unit Nos: Hitachi LR150-711; LR160-723, -723B, -724, -725, -725C, -727; LR170-757B,

Lester Nos: 13287, 13531, 13644, 13744, 13778, 14859, 14960

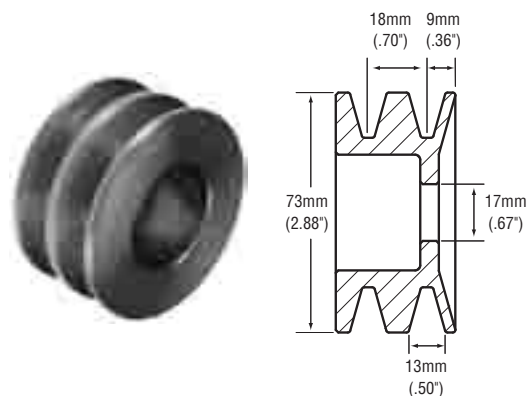
WAI Ref. Nos: 1-1118-01HI, 1-1879-01HI, 1-1880-01HI, 1-1953-01HI, 1-2002-01HI, 1-2090-01HI, 1-2191-01HI

Dim: 10mm Belt x 74mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

2-Groove



24-81101

Pulley - 2-Groove

For: Hitachi IR/EF Alternators

Used On: (1994-85) Subaru

Unit Nos: Hitachi LR155-18, LR160-138

Lester Nos: 14745

WAI Ref. Nos: 1-1593-02HI

Dim: 13mm Belts x 73mm OD x 17mm Bore

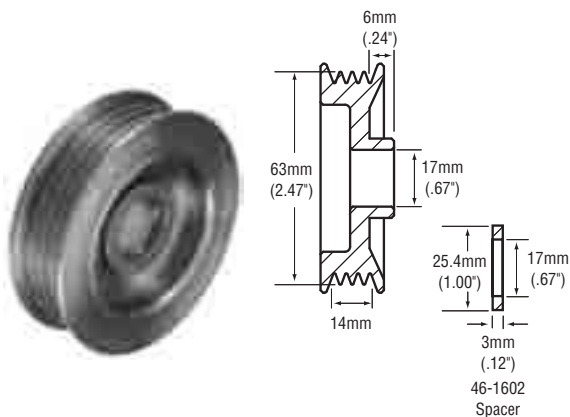
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

HITACHI

4-Groove



24-81250

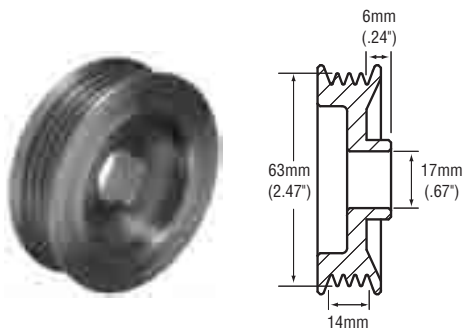
Pulley - 4-Groove

For: Hitachi IR/IF Alternators; Mitsubishi ER/IF, IR/IF Alternators
Used On: (1995-85) Dodge, Nissan, Plymouth
Unit Nos: Hitachi LR165-708C*, LR170-713, LR170-716, LR170-716B, LR170-721, LR170-721B, LR170-738*, LR170-738B*, LR170-738C*, LR170-738E*, LR180-704**, LR190-704**, LR190-704B, LR190-706, LR190-707, LR190-709, LR190-709B, LR190-711; Mitsubishi A2T48292, A2T81391
Lester Nos: 13262, 13334*, 13580, 14242, 14243, 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1126-02HI, 1-1126-02MI, 1-1423-01HI*, 1-1477-01HI, 1-1533-01HI, 1-1874-01MI, 1-2099-01HI
Dim: 14mm Belt x 63mm OD x 17mm Bore
Note: *Requires pulley spacer included w/ 24-81250.
 **Original 74mm OD pulley has been replaced with 63mm OD pulley and requires Nissan 11720-16E02 fan belt.

Components:
 46-1602-2 Spacer

Features:

- Machined pulley cut from cold rolled steel



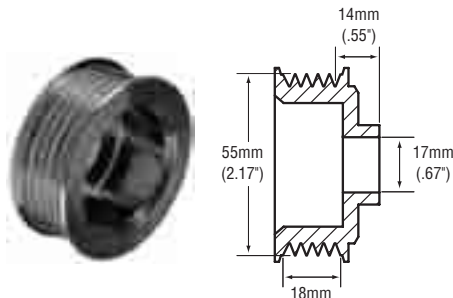
24-81250-1

Pulley - 4-Groove

Same as 24-81250 except...

Note: Same as 24-81250 except 24-81250-1 does not include the 46-1602-2 spacer.

5-Groove

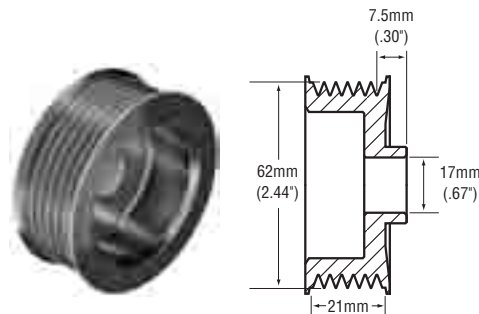


24-81102

Pulley - 5-Groove

For: Hitachi IR/IF Alternators
Used On: (1999-95) Subaru
Replaces: Subaru 23752-AA060
Unit Nos: Hitachi LR185-701, -701E, -702
Lester Nos: 13645
WAI Ref. Nos: 1-2015-01HI
Dim: 18mm Belt x 55mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel

6-Groove

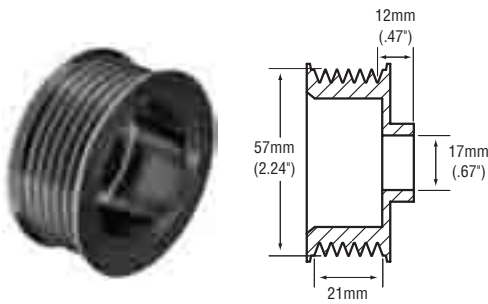


24-81104

Pulley - 6-Groove

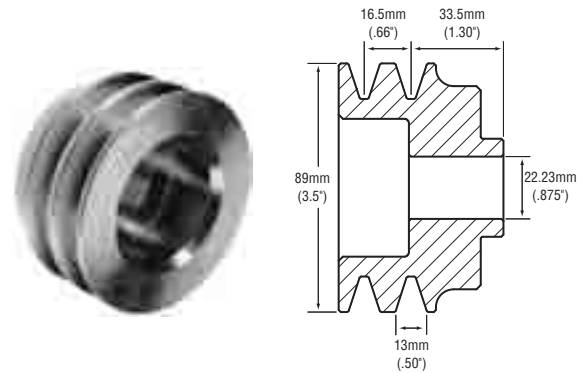
For: Hitachi IR/IF Alternators
Used On: (2000-95) Infiniti, Nissan
Replaces: Nissan 23150-40U00
Unit Nos: Hitachi LR190-729, -729C, -737B, -737E; LR1100-704B, -711B, -716; LR1110-705, -705B, -709, -709B; LR1125-702, -702B, -702F
Lester Nos: 13612, 13638, 13639, 13657, 13713, 13724
WAI Ref. Nos: 1-1921-01HI, 1-2098-01HI, 1-2103-01HI, 1-2124-01HI, 1-2125-01HI, 1-2231-01HI, 1-2379-01HI
Dim: 21mm Belt x 62mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)



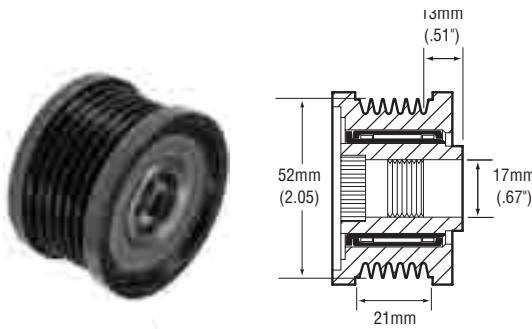
24-81105
Pulley - 6-Groove

For: Hitachi IR/IF Alternators
Used On: (2002-98) Honda, Isuzu
Replaces: Isuzu 8-97135-144-0
Unit Nos: Hitachi LR160-731, LR170-755, LR190-744
Lester Nos: 13757, 13775, 13825
WAI Ref. Nos: 1-2089-02HI, 1-2180-01HI, 1-2240-01HI
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel



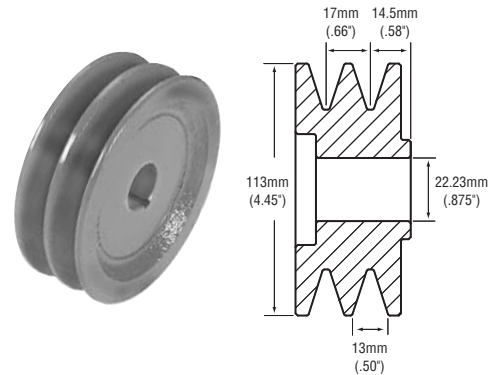
24-1501
Pulley - 2-Groove

For: Delco 25SI, 29SI, 30SI Series IR/EF;
 Leece-Neville 2300-2800JB Series Alternators
Used On: Kenworth, Mack, Peterbilt w/ Cummins 6 Cyl. (Diesel) Engine
Replaces: Cummins 213326; Delco 1938553; Prestolite 34-111
Dim: 13mm Belts x 89mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
 • Machined pulley cut from cold rolled steel



24-81107
Pulley - 6-Groove

For: Hitachi IR/IF Alternators
Replaces: (Stamped F-232288.1)
Dim: 21mm Belt x 52mm OD x 17mm Bore
Features:
 • Overrunning Clutch

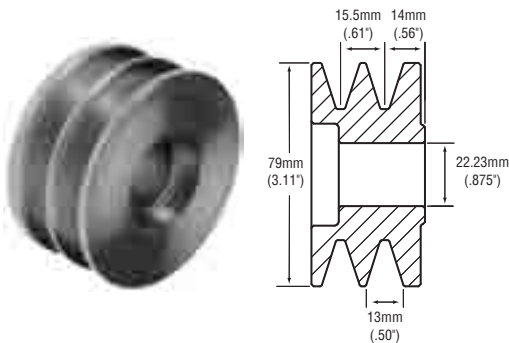


24-5500
Pulley - 2-Groove

For: Leece-Neville 2300-2800J Series Alternators
Used On: Mack Truck
Replaces: Mack Truck 302GC295
Dim: 13mm Belts x 113mm OD x 22.23mm (7/8") Bore w/ Keyway

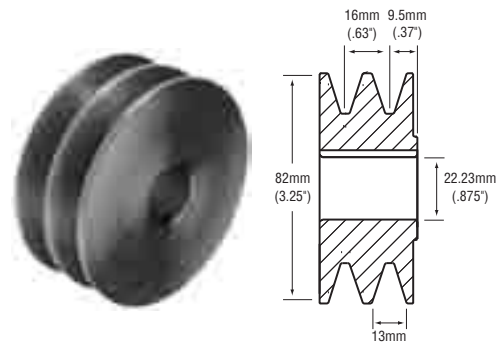
LEECE-NEVILLE

2-Groove



24-1500
Pulley - 2-Groove

For: Delco 25SI, 27SI/Type 200, 29SI, 30SI Series IR/EF;
 Leece-Neville 2300-2800JB Series Alternators
Replaces: Delco 1953071, 1962567; Leece-Neville 73981, 76699
Dim: 13mm Belts x 79mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
 • Machined pulley cut from cold rolled steel



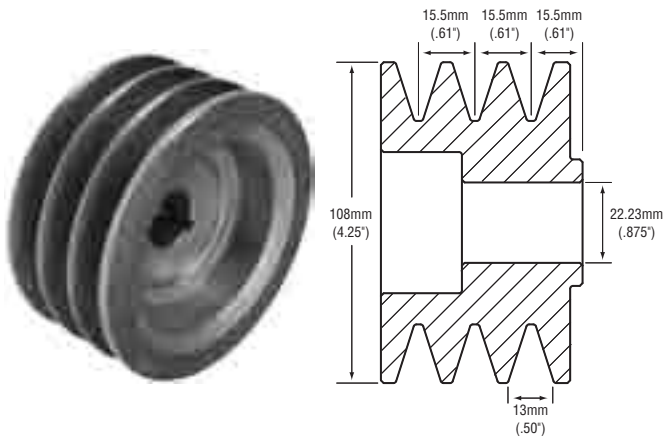
24-7753
Pulley - 2-Groove

For: Leece-Neville 2300-2800JB Series Alternators
Used On: Caterpillar
Replaces: Leece-Neville 74281, K176074281
Dim: 13mm Belt x 82mm OD x 22.23mm (7/8") Bore w/ Keyway
Note: With 1.5mm Hub, 9.5mm from Hub to 1st Groove
Features:
 • Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

LEECE-NEVILLE

3-Groove



24-5501

Pulley - 3-Groove

For: Leece-Neville 2300-2800J Series Alternators

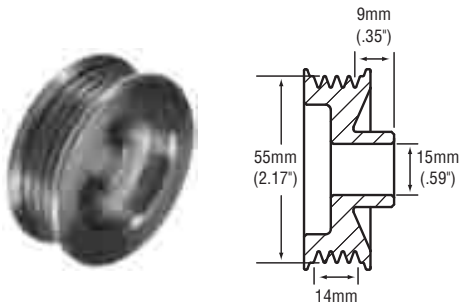
Used On: Mack Truck

Replaces: Mack Truck 310GC273

Dim: 13mm Belts x 108mm OD x 22.23mm (7/8") Bore w/ Keyway

MANDO

4-Groove



24-83252

Pulley - 4-Groove

For: Mando, Mitsubishi IR/IF Alternators

Used On: (1989-85) Dodge, Hyundai, Mitsubishi, Plymouth

Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T40791, A1T40891, A2T49891

Lester Nos: 14694, 14708, 14917, 14950

WAI Ref. Nos: 1-1193-01MD, 1-1193-01MI, 1-1194-01MI

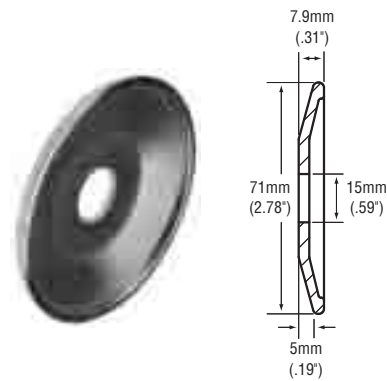
Dim: 14mm Belt x 55mm OD x 15mm Bore

Features:

- Machined pulley cut from cold rolled steel

MITSUBISHI

1-Groove



24-83101

Pulley Half - 1-Groove

For: Mitsubishi IR/IF Alternators

Used On: (1996-86) Dodge, Ford, Mazda, Mercury, Mitsubishi, Plymouth

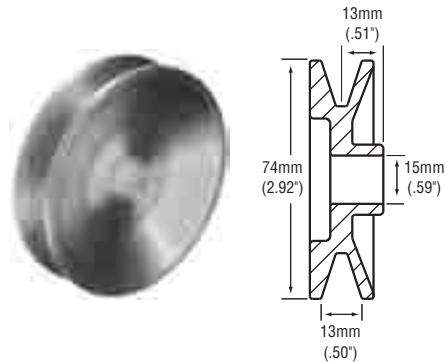
Unit Nos: Mitsubishi A1T34672, A1T41171, A2T02271, A2T02471, A2T03072, A2T03471, A2T03972, A2T04271, A2T05772, A2T05772X, A2T06871, A2T13571, A2T13571A, A2T17872, A2T47371, A2T47371A, A2T49972, A5T00972, A5T16471, A5T30871, A5T31971, A5T31971A, A5T32571

Lester Nos: 13182, 13183, 13259, 13295, 14428, 14429, 14430, 14432, 14437, 14438, 14445, 14902, 14903, 14905, 14943

WAI Ref. Nos: 1-1135-01MI, 1-1136-01MI, 1-1171-01MI, 1-1172-01MI, 1-1173-01MI, 1-1176-01MI, 1-1191-02MI, 1-1201-02MI, 1-1205-01MI, 1-1207-01MI, 1-1213-01MI, 1-1944-01MI, 1-2163-01MI

Dim: 10mm Belt x 71mm OD x 15mm Bore

Note: Two pulley halves required to make one pulley



24-83102

Pulley - 1-Groove

For: Mitsubishi IR/IF Alternators

Used On: (1998-86) Dodge, Ford, Mazda, Mercury, Mitsubishi, Plymouth

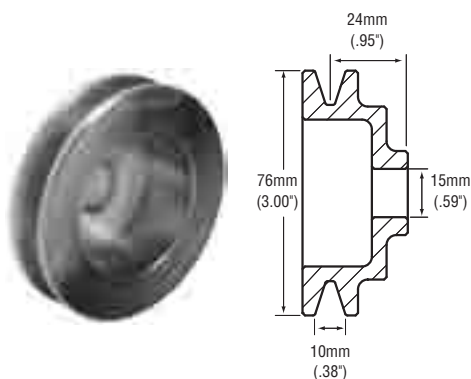
Unit Nos: Mitsubishi A1T34672, A1T41171, A2T02271, A2T02471, A2T03072, A2T03471, A2T03477, A2T03972, A2T04271, A2T06871, A2T07577, A2T13571, A2T13571A, A2T13977, A2T17872, A2T19677, A2T19877, A2T41677, A2T47371, A2T47371A, A2T49972, A2T49977, A3T41876, A5T00777, A5T00877, A5T01577, A5T01977, A5T02377, A5T02777, A5T16471, A5T30871, A5T30977, A5T31177, A5T31971, A5T31971A, A5T32571, A5T41477

Lester Nos: 13182, 13211, 13227, 13231, 13238, 13253, 13259, 13282, 13292, 13314, 13350, 13432, 14428, 14429, 14430, 14432, 14433, 14437, 14438, 14445, 14902, 14903, 14916, 14943

Dim: 13mm Belt x 74mm OD x 15mm Bore

Features:

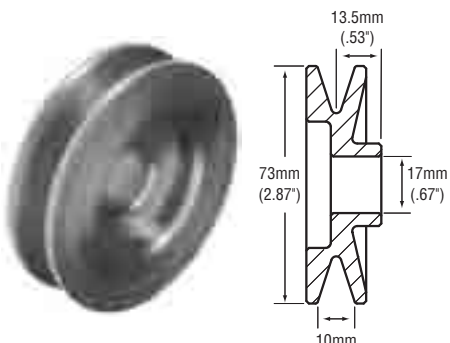
- One-piece design



24-83103
Pulley - 1-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01598
Lester Nos: 13190
WAI Ref. Nos: 1-1180-02MI
Dim: 10mm Belt x 76mm OD x 15mm Bore
Features:

- Machined pulley cut from cold rolled steel

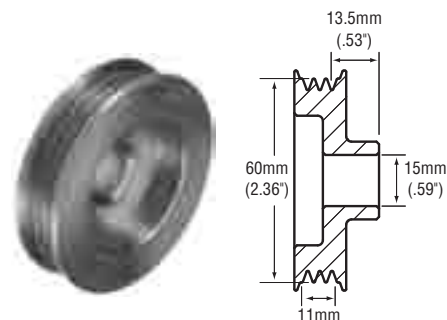


24-83104
Pulley - 1-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1996-91) Ford, Mazda, Mercury
Unit Nos: Mitsubishi A2T32899, A2T34477, A2T35177, A5T03677, A5T03777
Lester Nos: 13227, 13282, 13350, 13432
WAI Ref. Nos: 1-1150-02MI, 1-1160-01MI, 1-1177-01MI, 1-1428-01MI
Dim: 10mm Belt x 73mm OD x 17mm Bore
Features:

- One-piece design
- Machined pulley cut from cold rolled steel

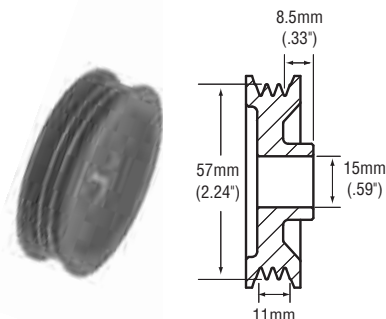
3-Groove



24-83250
Pulley - 3-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1992-88) Ford, Mazda
Unit Nos: Mitsubishi A2T05892, A2T05893, A2T19991, A2T20091, A2T20191
Lester Nos: 13196, 13297, 13299
WAI Ref. Nos: 1-1142-01MI, 1-1143-01MI, 1-1145-01MI
Dim: 11mm Belt x 60mm OD x 15mm Bore
Features:

- Machined pulley cut from cold rolled steel



24-83251
Pulley - 3-Groove

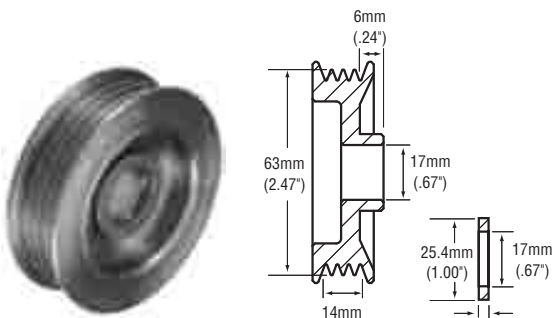
For: Mitsubishi IR/IF Alternators
Used On: (1989-84) Honda
Unit Nos: Mitsubishi A1T01591, A1T01691, A1T02091, A1T02291
Lester Nos: 13265, 13266
WAI Ref. Nos: 1-1015-01MI, 1-1017-01MI
Dim: 11mm Belt x 57mm OD x 15mm Bore
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

MITSUBISHI

4-Groove



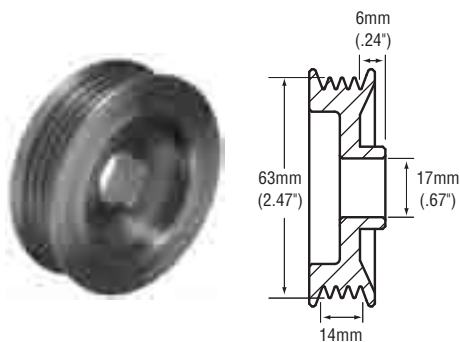
24-81250

Pulley - 4-Groove

For: Hitachi IR/IF Alternators; Mitsubishi ER/IF, IR/IF Alternators
Used On: (1995-85) Dodge, Nissan, Plymouth
Unit Nos: Hitachi LR165-708C*, LR170-713, LR170-716, LR170-716B, LR170-721, LR170-721B, LR170-738*, LR170-738B*, LR170-738C*, LR170-738E*, LR180-704**, LR190-704**, LR190-704B, LR190-706, LR190-707, LR190-709, LR190-709B, LR190-711; Mitsubishi A2T48292, A2T81391
Lester Nos: 13262, 13334*, 13580, 14242, 14243, 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1126-02HI, 1-1126-02MI, 1-1423-01HI*, 1-1477-01HI, 1-1533-01HI, 1-1874-01MI, 1-2099-01HI
Dim: 14mm Belt x 63mm OD x 17mm Bore
Note: *Requires pulley spacer included w/ 24-81250.
 **Original 74mm OD pulley has been replaced with 63mm OD pulley and requires Nissan 11720-16E02 fan belt.

Components:
 46-1602-2 Spacer
Features:

- Machined pulley cut from cold rolled steel

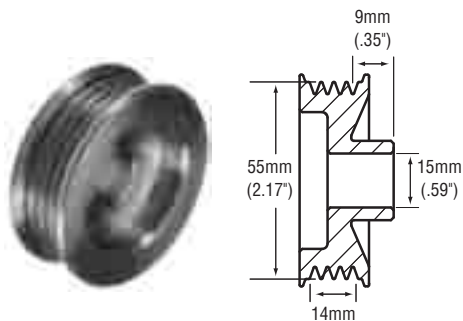


24-81250-1

Pulley - 4-Groove

Same as 24-81250 except...

Note: Same as 24-81250 except 24-81250-1 does not include the 46-1602-2 spacer.

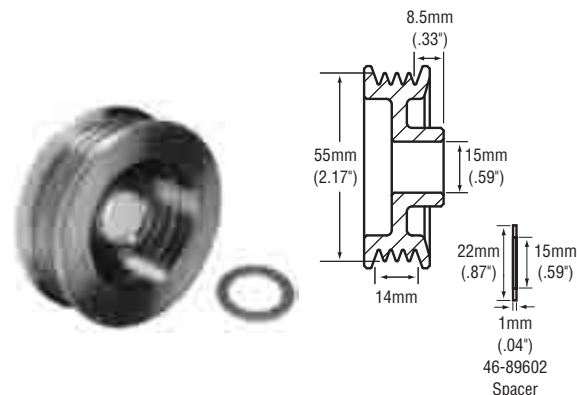


24-83252

Pulley - 4-Groove

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-85) Dodge, Hyundai, Mitsubishi, Plymouth
Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T40791, A1T40891, A2T49891
Lester Nos: 14694, 14708, 14917, 14950
WAI Ref. Nos: 1-1193-01MD, 1-1193-01MI, 1-1194-01MI
Dim: 14mm Belt x 55mm OD x 15mm Bore
Features:

- Machined pulley cut from cold rolled steel



24-83265

Pulley - 4-Groove

For: Mitsubishi IR/IF Alternators
Used On: (1998-85) Chevrolet, Dodge, Eagle, Geo, Mitsubishi, Plymouth, Suzuki
Unit Nos: Mitsubishi A1T03191*, A2T00991, A2T03691, A2T09691, A2T43891, A2T48791
Lester Nos: 13197, 13213*, 14434, 14435, 14447, 14693, 14706, 14709
WAI Ref. Nos: 1-1187-01MI, 1-1195-01MI, 1-1198-01MI, 1-1229-01MI*, 1-2162-01MI
Dim: 14mm Belt x 55mm OD x 15mm Bore
Note: *Does not require 46-89602 1mm pulley spacer included w/ 24-83265

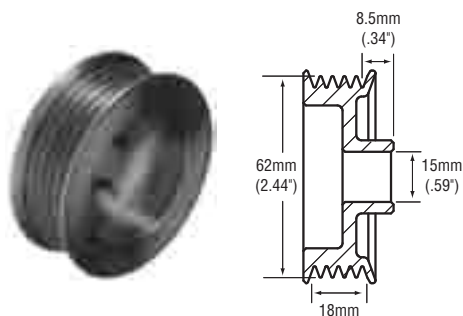
- Features:**
- Machined pulley cut from cold rolled steel



24-83270
Pulley - 4-Groove

For: Mitsubishi ER/IF Alternators
Used On: (1999-95) Dodge, Honda, Plymouth
Unit Nos: Mitsubishi A2T81192, A2TA2191, A2TB1491
Lester Nos: 13580, 13648, 13735
WAI Ref. Nos: 1-1874-01MI, 1-2095-01MI, 1-2107-01MI
Dim: 14mm Belt x 67mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel

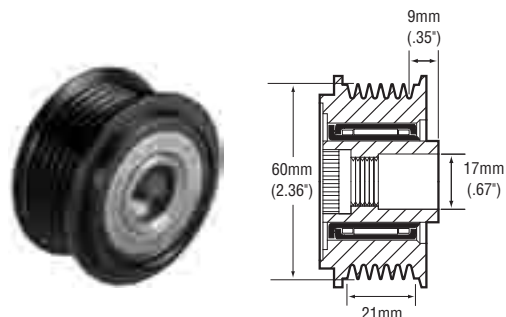
5-Groove



24-83267
Pulley - 5-Groove

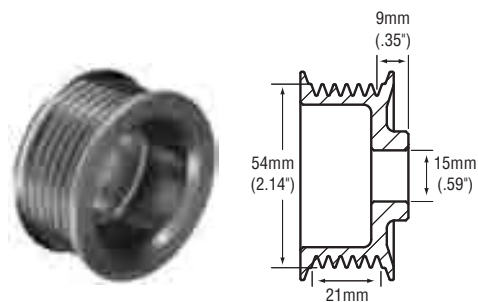
For: Mitsubishi IR/IF Alternators
Used On: (1996-88) Dodge, Hyundai, Mitsubishi
Unit Nos: Mitsubishi A3T00692, A3T00792, A3T02193, A3T04292, A3T04493, A3T08293
Lester Nos: 13257, 13272, 13290, 13352
WAI Ref. Nos: 1-1192-01MI, 1-1202-01MI, 1-1215-01MI, 1-1221-01MI
Dim: 18mm Belt x 62mm OD x 15mm Bore
Features:
 • Machined pulley cut from cold rolled steel

6-Groove



24-2280
Pulley - 6-Groove

For: Mitsubishi ED/IF Alternators
Used On: (2001-00) Mazda
Replaces: Mazda GY02-18-330A (stamped F-232600)
Unit Nos: Mazda GY01-18-300E, GY01-18-W9XA; Mitsubishi A3TB1081, A
Lester Nos: 13883
WAI Ref. Nos: 1-2377-01MI
Dim: 21mm Belt x 60mm OD x 17mm Bore
 M17 x 1.50 Int. Threads
Note: 9mm from hub to center of 1st groove.
 M17 x 1.50 Int. Threads. Similar to 24-2279 except 24-2279 has M16 x 1.50 Int. Threads.
Features:
 • Overrunning Clutch



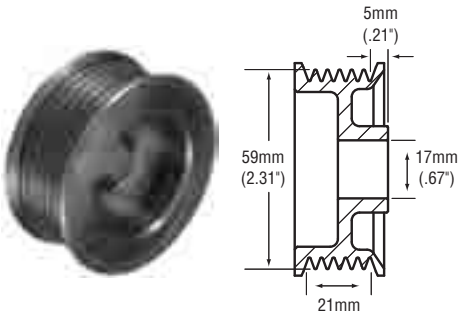
24-83253
Pulley - 6-Groove

For: Mitsubishi IR/IF; Nippondenso IR/IF Alternators
Used On: (1993-88) Ford, Mercury, Toyota
Unit Nos: Mitsubishi A3T00491, A3T00896, A3T01496, A3T01596; Nippondenso 100211-332, 100211-746
Lester Nos: 13188, 13189, 13230, 13277, 13298
WAI Ref. Nos: 1-1028-01ND, 1-1175-01MI, 1-1180-01MI, 1-1182-01MI, 1-1183-01MI
Dim: 21mm Belt x 54mm OD x 15mm Bore
Features:
 • Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

MITSUBISHI

6-Groove (cont'd.)



24-83261

Pulley - 6-Groove

For: Mitsubishi IR/IF Alternators

Used On: (1995-93) Ford, Lincoln

Replaces: Ford F3LY-10344-A, GPE-700

Unit Nos: Mitsubishi A6T41491, A6T41591

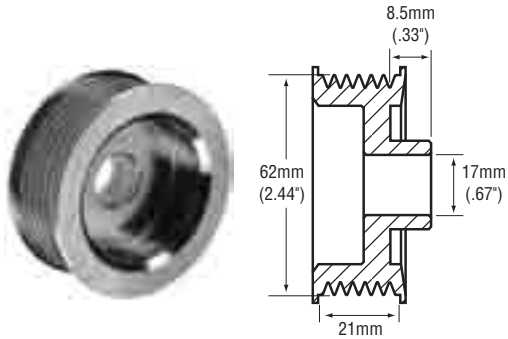
Lester Nos: 13447, 13448

WAI Ref. Nos: 1-1589-01MI, 1-1590-01MI

Dim: 21mm Belt x 59mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-83274

Pulley - 6-Groove

For: Mitsubishi IR/IF Alternators

Used On: (2005-02) Honda

Unit Nos: Honda 31100-PLM-A02;

Mitsubishi A5TA7091, A5TA7091ZC

Lester Nos: 13893

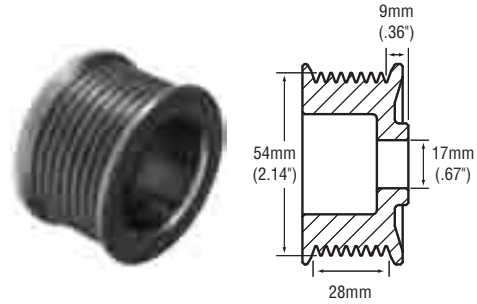
WAI Ref. Nos: 1-2509-01MI

Dim: 21mm Belt x 62mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

8-Groove



24-83258

Pulley - 8-Groove

For: Mitsubishi IR/IF Alternators

Used On: (1993-89) Ford, Mercury

Unit Nos: Mitsubishi A4T00796

Lester Nos: 13212

WAI Ref. Nos: 1-1184-01MI

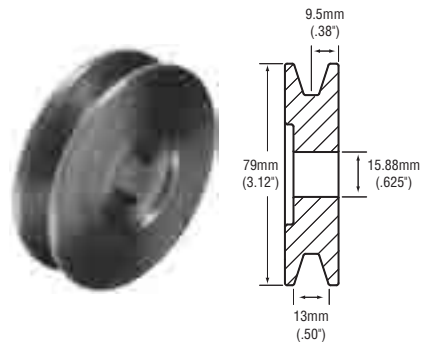
Dim: 28mm Belt x 54mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

MOTOROLA

1-Groove



24-4100

Pulley - 1-Groove

For: Motorola / Prestolite 8HA Series Alternators

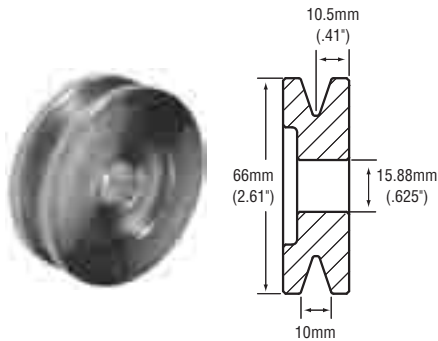
Used On: Thermo King

Replaces: Thermo King 77-614

Dim: 13mm Belt x 79mm OD x 15.88mm (5/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel



24-4103

Pulley - 1-Groove

For: Motorola / Prestolite 8AL/A, 8AR/RA, 8MR Series Alternators

Used On: AMC

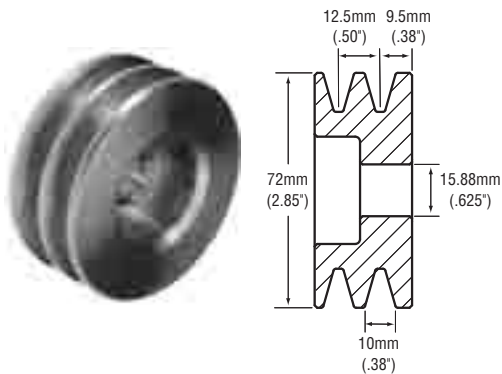
Replaces: Motorola 7-1; Prestolite 107-1

Dim: 10mm Belt x 66mm OD x 15.88mm (5/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel

2-Groove



24-4101

Pulley - 2-Groove

For: Motorola / Prestolite 8AR, 8MR, 8TA/TA, MA Series Alternators

Used On: Agricultural, Industrial Applications

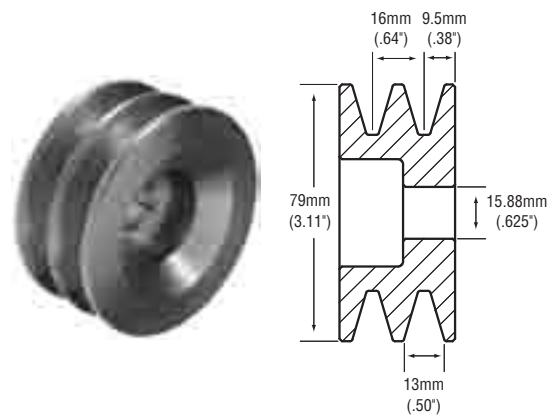
Replaces: Motorola 7-37; Prestolite 107-37

Unit Nos: Motorola / Prestolite 8AR2041F, 8MR2001, 8MR2002, 8MR2003, 8TA2009E, MA12NJD1201, MA12NJD602, TA12NJD400

Dim: 10mm Belts x 72mm OD x 15.88mm (5/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel



24-4102

Pulley - 2-Groove

For: Motorola / Prestolite 8AR, 8MR, 8TA/TA, MA Series Alternators

Used On: Agricultural, Industrial Applications

Replaces: Motorola 7-43; Prestolite 107-43

Unit Nos: Motorola / Prestolite 8AR2019F, 8AR2050F, 8AR2051K, 8AR2074F, 8MH2006K, 8MR2013K, 8MR2014K, 8TA2007D, MA12NJD451, MA12NJD601, TA12NJD327

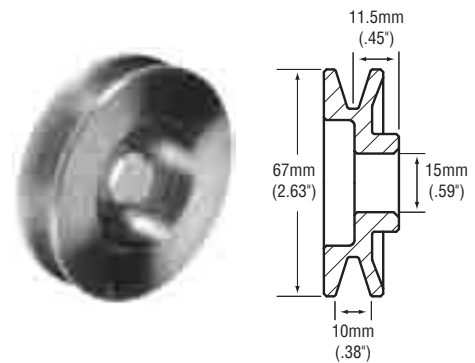
Dim: 13mm Belts x 79mm OD x 15.88mm (5/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel

NIPPONDENSO

1-Groove



24-82105

Pulley - 1-Groove

For: Nippondenso IR/IF Alternators

Used On: (1995-85) Isuzu, Toyota

Unit Nos: Nippondenso 100211-200, 100211-203, 100211-210, 100211-316, 100211-355, 100211-757, 100211-984, 101211-019, 101211-020

Lester Nos: 13398, 13409, 13492, 14457, 14668, 14857

WAI Ref. Nos: 1-1036-01ND, 1-1077-01ND, 1-1242-01ND, 1-1892-01ND, 1-1935-01ND, 1-1966-01ND

Dim: 10mm Belt x 67mm OD x 15mm Bore

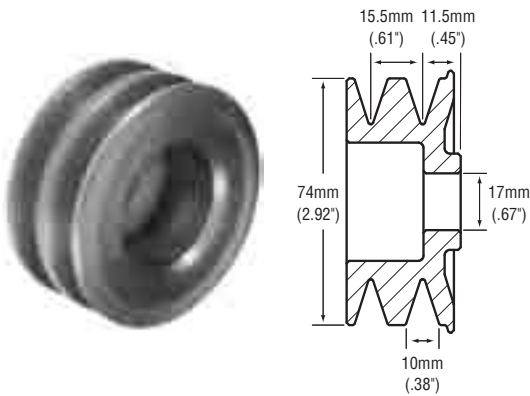
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

NIPPONDENSO

2-Groove



24-82108

Pulley - 2-Groove

For: Nippondenso 90-120A ER/IF Alternators

Used On: (1992-88) Chrysler, Dodge, Plymouth

Unit Nos: Nippondenso 121000-310, 121000-333, 121000-336, 121000-337, 121000-341, 121000-403, 121000-404, 121000-410

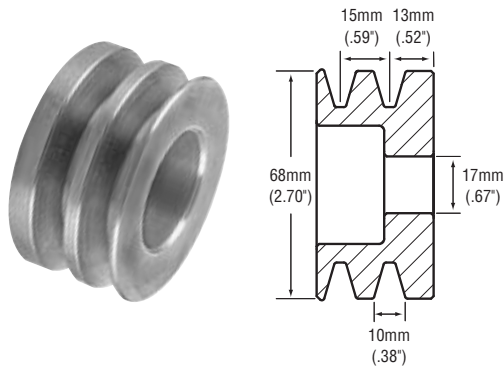
Lester Nos: 13185, 13256, 13301, 13312, 13313, 13353

WAI Ref. Nos: 1-1490-01ND, 1-1491-01ND, 1-1503-01ND, 1-1504-01ND, 1-1527-03ND, 1-1531-01ND, 1-1971-01ND

Dim: 10mm Belts x 74mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-82111

Pulley - 2-Groove

For: Nippondenso ER/EF, IR/EF Alternators

Used On: (1983-78) Toyota

Unit Nos: Nippondenso 021000-619, 021000-652, 021000-656, 021000-675, 100211-004, 100211-009, 100211-010, 100211-024, 100211-030, 100211-054, 100211-055, 100211-056

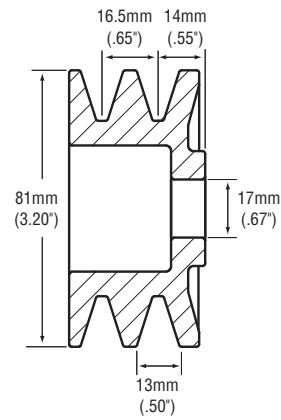
Lester Nos: 13168, 13169, 14337, 14573, 14574, 14936

WAI Ref. Nos: 1-1058-01ND, 1-1059-01ND, 1-1060-01ND, 1-1061-01ND, 1-2174-01ND

Dim: 10mm Belts x 68mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-82112

Pulley - 2-Groove

For: Nippondenso IR/IF Alternators

Used On: John Deere

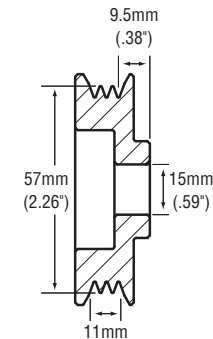
Unit Nos: Nippondenso 100211-603, 100211-605

Dim: 13mm Belts x 81mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

3-Groove



24-82251

Pulley - 3-Groove

For: Nippondenso IR/IF Alternators

Used On: (1995-84) Acura, Daihatsu, Geo, Honda, Sterling, Suzuki, Toyota

Unit Nos: Nippondenso 100211-126, 100211-127, 100211-135, 100211-136, 100211-137, 100211-138, 100211-221, 100211-255, 100211-351, 100211-359, 100211-369, 100211-435, 100211-660, 100211-672, 100211-707, 100211-750

Lester Nos: 13214, 13239, 13316, 13508, 14755, 14757, 14759, 14851, 14852, 14853, 14854, 14930, 14931, 14935, 14989

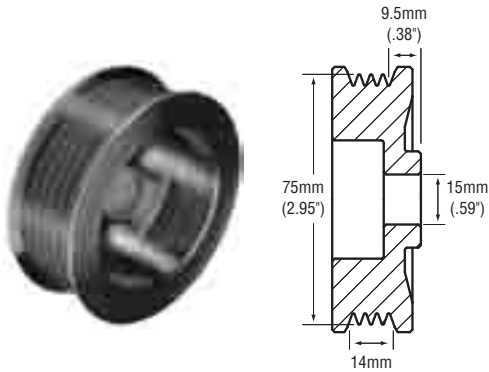
WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1003-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1084-01ND, 1-1230-01ND, 1-1260-01ND, 1-1943-01ND, 1-1968-01ND

Dim: 11mm Belt x 57mm OD x 15mm Bore

Features:

- Machined pulley cut from cold rolled steel

4-Groove



24-82254

Pulley - 4-Groove

For: Nippondenso IR/IF Alternators

Used On: (1985-84) Honda

Unit Nos: Honda 31100-PD2-004, -014, -024, -973; Nippondenso 00211-108, 100211-111

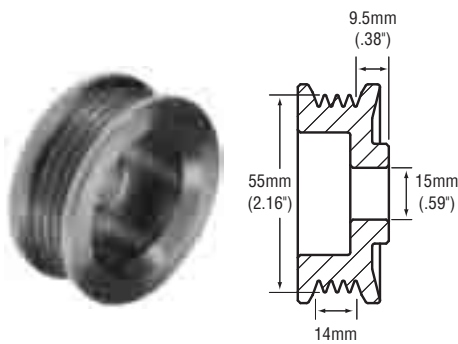
Lester Nos: 14756

WAI Ref. Nos: 1-1007-01ND

Dim: 14mm Belt x 75mm OD x 15mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-82256

Pulley - 4-Groove

For: Nippondenso IR/IF Alternators

Used On: (2002-87) Acura, Honda, Suzuki, Toyota

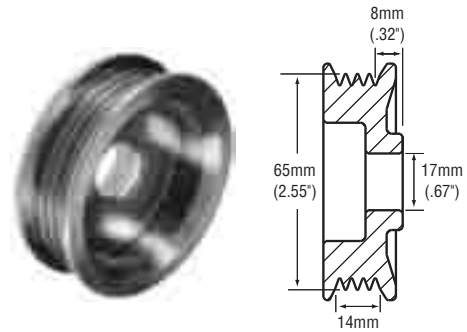
Unit Nos: Nippondenso 100211-134, 100211-312, 100211-343, 100211-350, 100211-361, 100211-376, 100211-382, 100211-396, 100211-397, 100211-713, 100211-718, 100211-733, 100211-743, 100211-782, 100211-797, 100211-971, 100211-977, 100211-989, 101211-013, 101211-025, 101211-034, 101211-035, 101211-042, 101211-059, 101211-072, 101211-073, 101211-074, 101211-413, 102211-504, 102211-509, 102211-538

Lester Nos: 13241, 13326, 13339, 13392, 13411, 13455, 13456, 13486, 13496, 13500, 13509, 13536, 13659, 13670, 13671, 13679, 13711, 14449, 14472

Dim: 14mm Belt x 55mm OD x 15mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-82258

Pulley - 4-Groove

For: Nippondenso 90-120A ER/IF, IR/IF Alternators

Used On: (2001-85) Acura, Chrysler, Dodge, Honda, Plymouth

Unit Nos: Nippondenso 100211-855, 101211-541, 101211-542, 101211-543, 101211-569, 101211-925, 101211-931, 101211-933, 101211-981, 121000-330, 121000-334, 121000-338, 121000-343, 121000-400, 121000-405

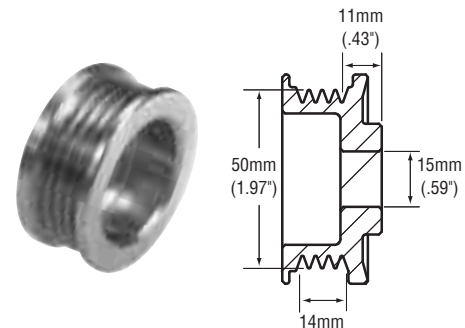
Lester Nos: 13184, 13245, 13280, 13309, 13353, 13395, 13529, 13540, 13674, 13677, 13743

WAI Ref. Nos: 1-1490-02ND, 1-1491-02ND, 1-1503-02ND, 1-1504-02ND, 1-1527-01ND, 1-1726-01ND, 1-1932-01ND, 1-1933-01ND, 1-2022-01ND, 1-2055-01ND, 1-2122-01ND

Dim: 14mm Belt x 65mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-82264

Pulley - 4-Groove

For: Nippondenso IR/IF Alternators

Used On: (1995-85) Chevrolet, Geo, Isuzu

Unit Nos: Nippondenso 100211-133, 100211-222, 100211-372, 100211-795, 100211-973, 101211-016, 101211-083

Lester Nos: 13391, 13521, 13569, 14732, 14739, 14872

WAI Ref. Nos: 1-1237-01ND, 1-1240-01ND, 1-1436-01ND, 1-1883-01ND

Dim: 14mm Belt x 50mm OD x 15mm Bore

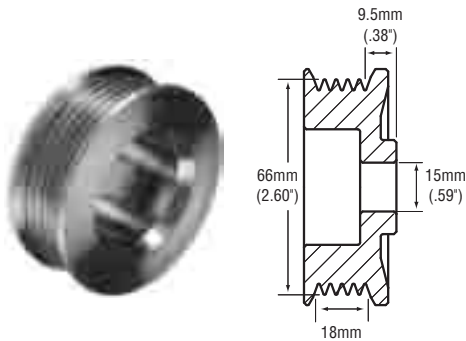
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

NIPPONDENSO

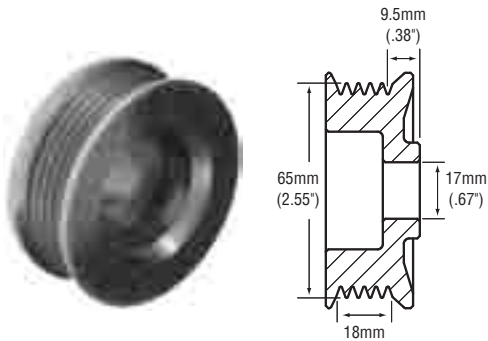
5-Groove



24-82257

Pulley - 5-Groove

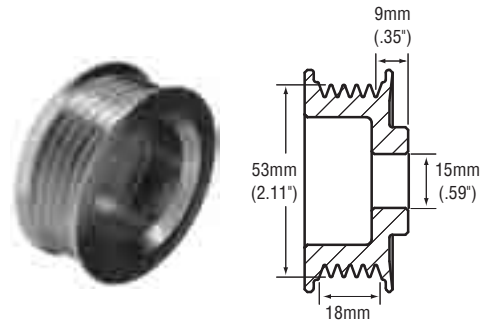
- For:** Nippondenso ER/IF, IR/IF Alternators
Used On: (1991-85) Chrysler, Dodge, Honda, Plymouth
Unit Nos: Nippondenso 100211-214, 100211-215, 100211-243, 100211-330, 100211-331, 100211-780, 100211-781, 121000-243
Lester Nos: 13229, 13294, 14591, 14680, 14855, 14869, 14941
WAI Ref. Nos: 1-1007-02ND, 1-1008-01ND, 1-1022-01ND, 1-1023-01ND, 1-1506-03ND
Dim: 18mm Belt x 66mm OD x 15mm Bore
Features:
 • Machined pulley cut from cold rolled steel



24-82259

Pulley - 5-Groove

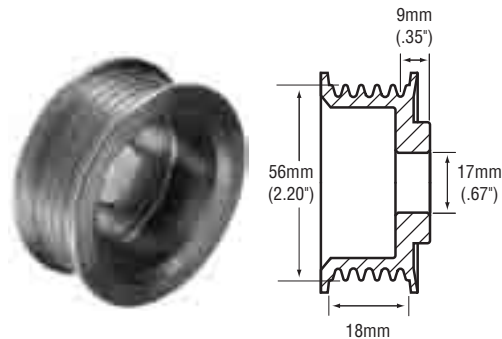
- For:** Nippondenso ER/IF, IR/IF Alternators
Used On: (2005-88) Acura, Chrysler, Dodge, Honda, Plymouth, Toyota
Unit Nos: Nippondenso 100211-615, 100211-617, 100211-619, 100211-802, 100211-803, 100211-815, 100211-819, 100211-871, 101211-722, 101211-723, 101211-727, 101211-757, 101211-914, 101211-986, 121000-300, 121000-331, 121000-339, 121000-401, 121000-406
Lester Nos: 13305, 13306, 13308, 13310, 13319, 13323, 13325, 13386, 13387, 13388, 13507, 13675, 13684, 13685, 13737, 13738
WAI Ref. Nos: 1-1011-01ND, 1-1039-02ND, 1-1410-01ND, 1-1411-01ND, 1-1490-03ND, 1-1491-03ND, 1-1503-03ND, 1-1504-03ND, 1-1854-01ND, 1-2054-01ND, 1-2082-01ND, 1-2084-01ND, 1-2121-01ND, 1-2142-01ND, 1-2149-01ND
Dim: 18mm Belt x 65mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel



24-82265

Pulley - 5-Groove

- For:** Nippondenso ER/IF, IR/IF Alternators
Used On: (2000-83) Geo, Isuzu, Suzuki, Toyota
Unit Nos: Nippondenso 100211-100, -105*, -106, -118*, -120, -123, -202, -205, -207, -217, -225, -228, -237, -238, -250, -303, -304, -306, -315, -317, -318, -322, -326, -335, -340, -352, -353, -363, -700, -704, -705, -706, -710, -745, -764, -778, -791, -978, -979; 101211-006, -007, -010, -051, -053, -055, -412; 102211-505, -507, -515, -250
Lester Nos: 13234, 13240, 13319, 13322, 13338, 13397, 13482, 13499, 13512, 13673, 13680, 14453, 14454, 14455, 14611, 14671, 14674, 14678, 14679, 14682, 14683, 14847, 14849, 14939
Dim: 18mm Belt x 53mm OD x 15mm Bore
Note: *Requires 46-89602 1mm spacer (not included)
Features:
 • Machined pulley cut from cold rolled steel

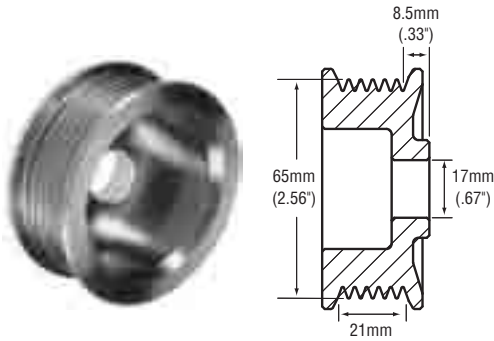


24-82271

Pulley - 5-Groove

- For:** Nippondenso IR/IF Alternators
Used On: (2003-89) Geo, Jaguar, Mazda, Toyota
Unit Nos: Nippondenso 100211-631, -645, -805, -807, -823, -832, -848, -856, -859, -866, -881, -882, -889, -899; 101211-501, -502, -508, -509, -522, -523, -524, -536, -554, -555, -707, -724, -951, -963; 102211-124
Lester Nos: 13234, 13252, 13278, 13321, 13407, 13440, 13481, 13498, 13524, 13551, 13556, 13557, 13688, 13690, 13754, 13759, 13885
WAI Ref. Nos: 1-1041-01ND, 1-1043-01ND, 1-1063-01ND, 1-1857-01ND, 1-1858-01ND, 1-1859-01ND, 1-1860-01ND, 1-1861-01ND, 1-1889-01ND, 1-1893-01ND, 1-1982-01ND, 1-1983-01ND, 1-1984-01ND, 1-2080-01ND, 1-2085-01ND, 1-2139-01ND, 1-2259-01ND, 1-2366-01ND
Dim: 18mm Belt x 56mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel

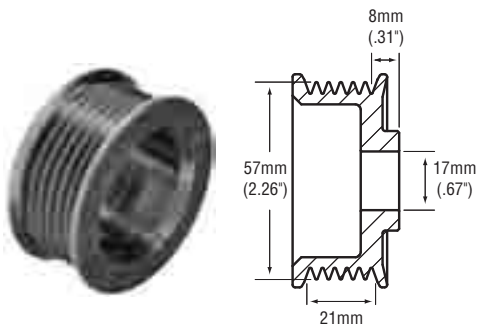
6-Groove



24-82260

Pulley - 6-Groove

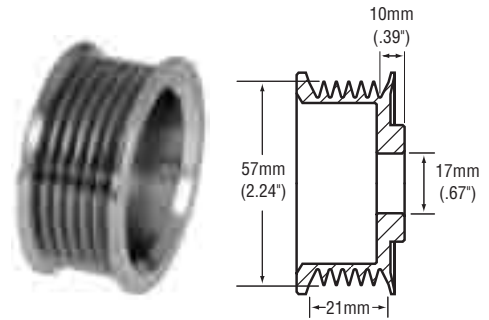
For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2005-89) Acura, Chrysler, Dodge, Honda, Isuzu, Jeep, Lexus, Plymouth, Toyota
Unit Nos: Nippondenso 100211-830, 101211-549, 101211-550, 101211-562, 101211-717, 101211-752, 101211-775, 101211-784, 101211-785, 101211-906, 101211-910, 101211-912, 101211-960, 101211-978, 101211-999, 102211-101, 102211-102, 121000-340, 121000-352, 121000-407, 121000-412, 121000-416, 121000-421, 121000-423, 121000-427, 121000-433, 121000-437, 121000-4372
Lester Nos: 13307, 13311, 13331, 13538, 13539, 13558, 13592, 13593, 13594, 13706, 13746, 13747, 13755, 13763, 13765, 13767, 13768, 13769, 13776, 13806, 13842, 13844
Dim: 21mm Belt x 65mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel



24-82263

Pulley - 6-Groove

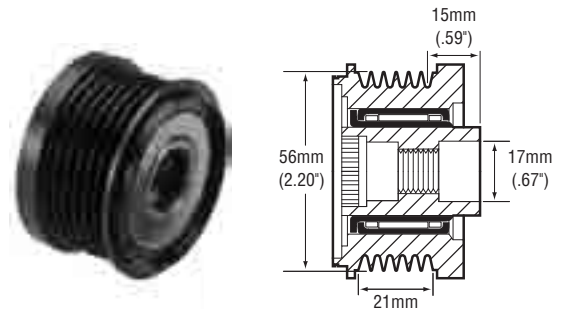
For: Nippondenso 90A ER/IF, IR/IF Alternators
Used On: (2005-91) Chevrolet, Chrysler, Dodge, Eagle, Jeep, Lexus, Plymouth, Toyota
Unit Nos: Nippondenso 100211-883, 100211-884, 100213-072, 101211-545, 101211-556, 101211-561, 101211-776, 101211-780, 101211-915, 101211-916, 101211-935, 101211-941, 101211-971, 101211-996, 102211-059, 102211-065, 121000-344, 121000-345, 121000-348, 121000-349, 121000-351, 121000-357, 121000-358, 121000-361, 121000-367, 5-121000-257
Lester Nos: 13341, 13442, 13443, 13444, 13545, 13546, 13552, 13578, 13669, 13706, 13715, 13748, 13756, 13822
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel



24-82272

Pulley - 6-Groove

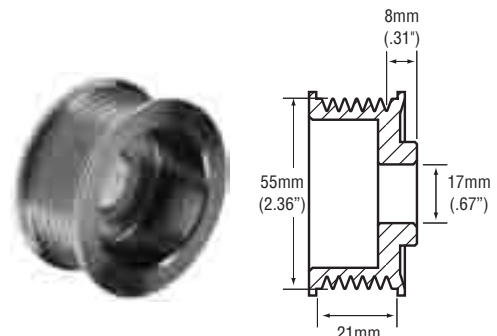
For: Nippondenso ER/IF Alternators
Used On: (2005-99) Dodge, Jeep
Unit Nos: Chrysler 56041324, AC; 56041557AA, 56041693AC, Nippondenso 121000-292, 121000-425, 121000-454
Lester Nos: 13790
WAI Ref. Nos: 1-2286-01ND, 1-2345-01ND, 1-2497-01ND
Dim: 21mm Belt x 57mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel



24-82275

Pulley - 6-Groove

For: Nippondenso IR/IF Alternators
Used On: Volvo
Replaces: Nippondenso 021040-0970 (Stamped F-231108)
Dim: 21mm Belt x 56mm OD x 17mm Bore
Features:
 • Overrunning Clutch



24-82277

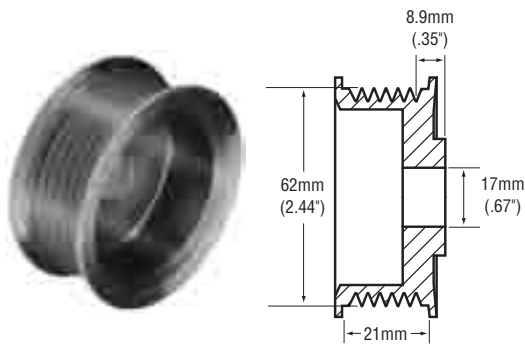
Pulley - 6-Groove

For: Nippondenso ER/IF Alternators
Used On: (2001) Jeep
Unit Nos: Chrysler 56041822AB, Nippondenso 121000-378
Lester Nos: 13906
WAI Ref. Nos: 1-2388-02ND
Dim: 21mm Belt x 55mm OD x 17mm Bore
Features:
 • Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

NIPPONDENSO

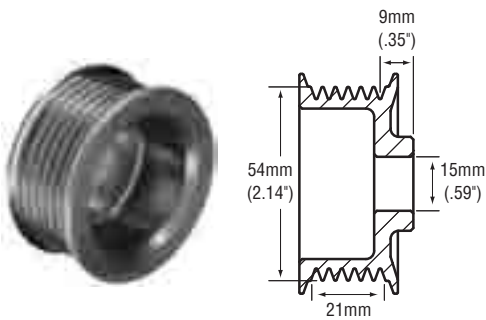
6-Groove (cont'd.)



24-82278

Pulley - 6-Groove

- For:** Nippondenso IR/IF Alternators
Used On: (2005-01) Cadillac, Pontiac
Unit Nos: GM 25697765, 25759776; Nippondenso 104210-306
Lester Nos: 13919
WAI Ref. Nos: 1-2407-01ND
Dim: 21mm Belt x 62mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

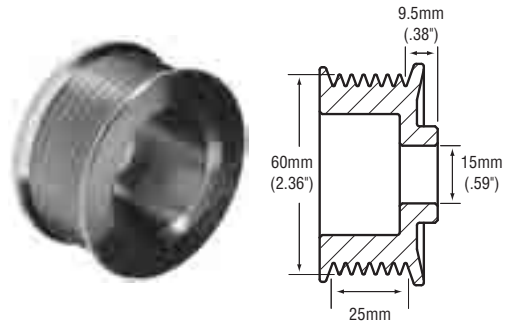


24-83253

Pulley - 6-Groove

- For:** Mitsubishi IR/IF; Nippondenso IR/IF Alternators
Used On: (1993-88) Ford, Mercury, Toyota
Unit Nos: Mitsubishi A3T00491, A3T00896, A3T01496, A3T01596; Nippondenso 100211-332, 100211-746
Lester Nos: 13188, 13189, 13230, 13277, 13298
WAI Ref. Nos: 1-1028-01ND, 1-1175-01MI, 1-1180-01MI, 1-1182-01MI, 1-1183-01MI
Dim: 21mm Belt x 54mm OD x 15mm Bore
Features:
- Machined pulley cut from cold rolled steel

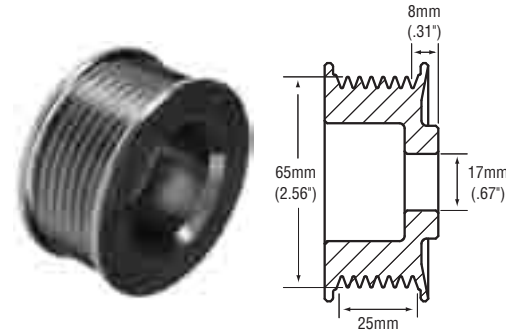
7-Groove



24-82253

Pulley - 7-Groove

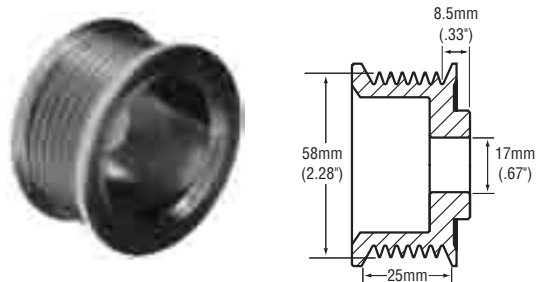
- For:** Nippondenso IR/IF Alternators
Used On: (1988-84) Toyota
Unit Nos: Nippondenso 100211-103, 100211-311
Lester Nos: 14458, 14643
WAI Ref. Nos: 1-1062-01ND
Dim: 25mm Belt x 60mm OD x 15mm Bore
Features:
- Machined pulley cut from cold rolled steel



24-82267

Pulley - 7-Groove

- For:** Nippondenso ER/IF Alternators
Used On: (1996-91) Dodge, Jeep
Unit Nos: Nippondenso 121000-346, 121000-347, 121000-413
Lester Nos: 13353, 13354, 13453
WAI Ref. Nos: 1-1503-05ND, 1-1504-06ND, 1-1527-02ND
Dim: 25mm Belt x 65mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

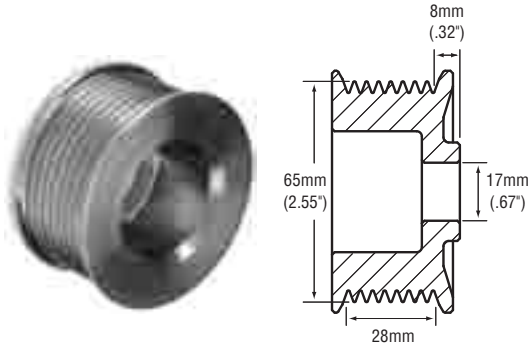


24-82269

Pulley - 7-Groove

- For:** Nippondenso ER/IF Alternators
Used On: (2001-95) Dodge, Jeep
Replaces: Nippondenso 021040-0800
Unit Nos: Chrysler 56007912, AB; 56027913, AB; Nippondenso 121000-353, 121000-363, 121000-417, 121000-429
Lester Nos: 13354, 13742, 13823, 13824
WAI Ref. Nos: 1-1503-06ND, 1-2087-01ND, 1-2225-01ND, 1-2227-02ND
Dim: 25mm Belt x 58mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

8-Groove



24-82261

Pulley - 8-Groove

For: Nippondenso 120A ER/IF Alternators

Used On: (1993-89) Dodge

Unit Nos: Nippondenso 121000-408, 121000-409

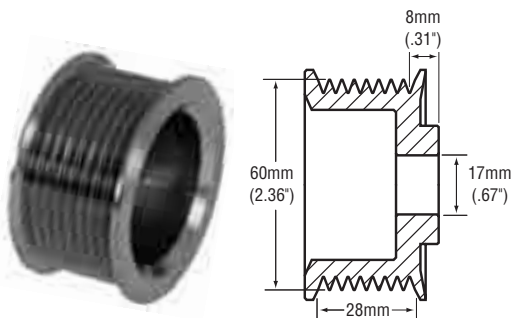
Lester Nos: 13302, 13304

WAI Ref. Nos: 1-1491-04ND, 1-1504-05ND

Dim: 28mm Belt x 65mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel



24-82270

Pulley - 8-Groove

For: Nippondenso ER/IF Alternators

Used On: (2002-94) Dodge Ram Pickup 5.9L

Unit Nos: Chrysler 05104772AA; 56027221, AB, AD; Nippondenso 121000-415, 121000-428, 121000-448

Lester Nos: 13302, 13766, 13874

WAI Ref. Nos: 1-1504-05ND, 1-2227-01ND, 1-2389-01ND

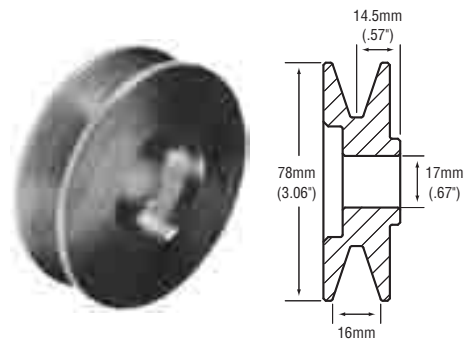
Dim: 28mm Belt x 60mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

PRESTOLITE

1-Groove



24-6100

Pulley - 1-Groove

For: Prestolite ALH Series Alternators

Used On: Case Tractors

Replaces: Case A45231; Delco 1846529;

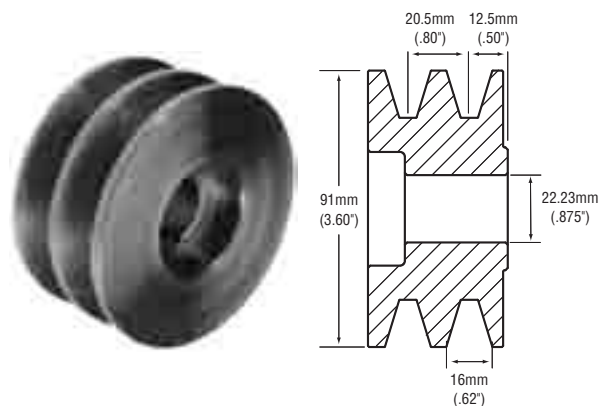
Prestolite 34-388, PU-598G

Dim: 16mm Belt x 78mm OD x 17mm Bore

Features:

- Machined pulley cut from cold rolled steel

2-Groove



24-6500

Pulley - 2-Groove

For: Prestolite ANB Series Alternators

Used On: Case

Replaces: Prestolite 34-399, PU-697

Unit Nos: Prestolite ANB-7003

Dim: 16mm Belts x 91mm OD x 22.23mm (7/8") Bore w/ Keyway

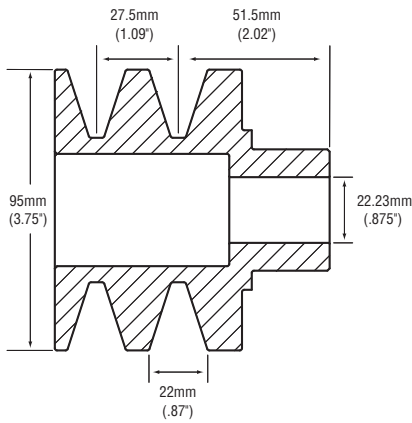
Features:

- Machined pulley cut from cold rolled steel

ALTERNATOR - PULLEYS (24-)

PRESTOLITE

2-Groove (cont'd.)



24-6501

Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators

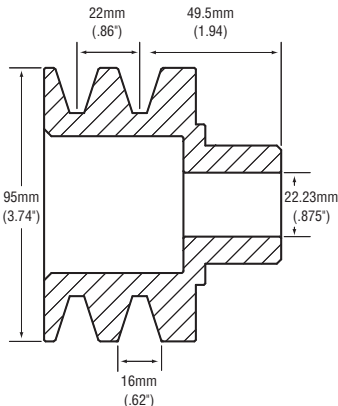
Used On: Caterpillar, Cummins

Replaces: Caterpillar 9S6129

Dim: 22mm Belts x 95mm OD x 22.23mm (7/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel



24-6502

Pulley - 2-Groove

For: Delco 20SI Series IR/EF, Prestolite ANB Series Alternators

Used On: Caterpillar

Replaces: Caterpillar 5S7609

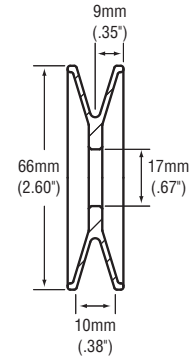
Dim: 16mm Belts x 95mm OD x 22.23mm (7/8") Bore w/ Keyway

Features:

- Machined pulley cut from cold rolled steel

VALEO

1-Groove



24-1103

Pulley - 1-Groove

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS130, CS144 Series IR/EF; Ducellier / Valeo, Paris Rhone / Valeo IR/EF Alternators

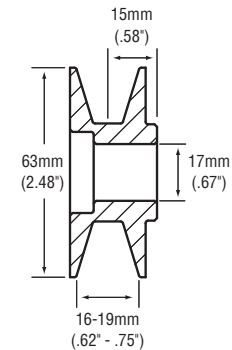
Used On: (1993-75) AMC, Buick, Cadillac, Chevrolet, DeLorean, GMC, Jeep, Oldsmobile, Peugeot, Pontiac, Renault

Replaces: Delco 1978065, 1978067, 10495191, 10495192, 10498301; Ducellier 669244; Paris Rhone 96880

Dim: 10mm Belt x 66mm OD x 17mm Bore

Note: Without hub, requires 46-1601-1 pulley spacer when used on Delco alternators

SPECIALTY - FARM & INDUSTRIAL



24-7100

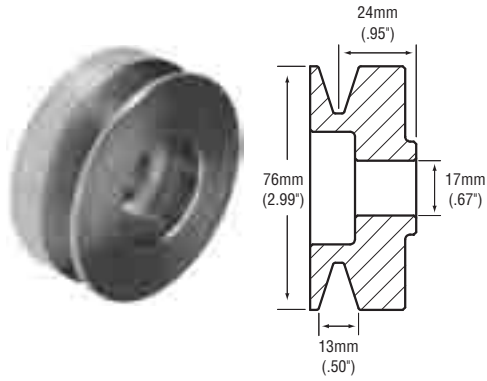
Pulley - 1-Groove

For: Agricultural, Industrial, Marine Alternators

Dim: 16-19mm Belt x 63mm OD x 17mm Bore

Note: Conversion pulley with small OD to increase rotor rpm at slow engine speeds. Includes 84-2605 hex nut.

ALTERNATOR - PULLEYS (24-)

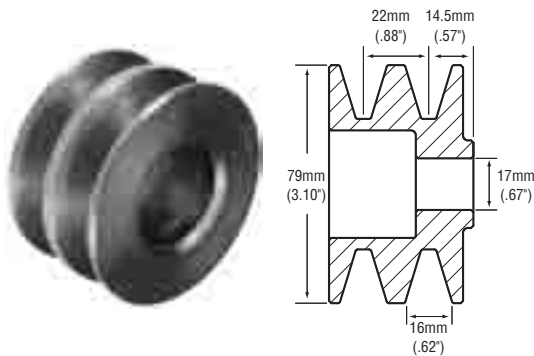


24-7101

Pulley - 1-Groove

- Used On:** Allis-Chalmers 190XT
Replaces: Allis-Chalmers 70250599
Dim: 13mm Belt x 76mm OD x 17mm Bore
Features:
- Machined pulley cut from cold rolled steel

2-Groove

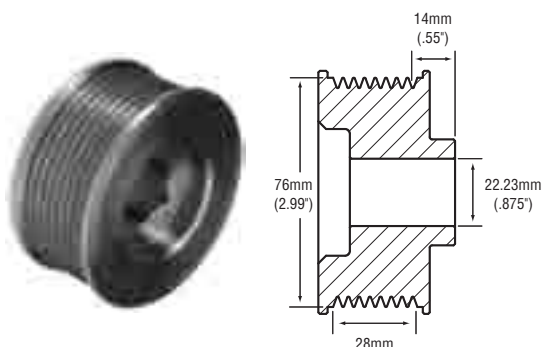


24-7102

Pulley - 2-Groove

- Used On:** Case 90 Series Tractors
Replaces: Case L59716
Dim: 16mm Belts x 79mm OD x 17mm Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

8-Groove

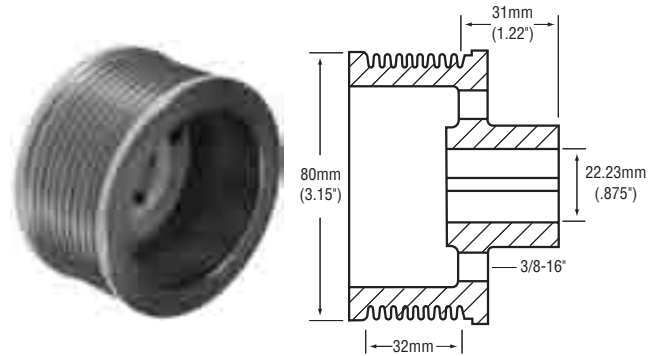


24-7750

Pulley - 8-Groove

- Used On:** Kenworth Truck
Replaces: Kenworth K187367
Dim: 28mm Belt x 76mm OD x 22.23mm (7/8") Bore w/ Keyway
Features:
- Machined pulley cut from cold rolled steel

9-Groove



24-7752

Pulley - 9-Groove

- For:** Heavy-Duty Alternators
Used On: Cummins Engine
Replaces: Cummins 3014711
Dim: 32mm Belt x 80mm OD x 22.23mm (7/8") Bore w/ Keyway
Note: With two 3/8-16 fan-mounting holes
Features:
- Machined pulley cut from cold rolled steel

TRANSPO RECTIFIERS

'REBUILDER-FRIENDLY' FORD 3G, 4G, 6G SERIES RECTIFIERS

Features:

- Press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



(see pages 293-295)

The unique Transpo 'drop-down' rectifier design extends the stator lead 'clasp' so that short-cut stator leads are easily captured with a sound connection.

Ford 3G Series

FR2013 (75-05A)
FR2023 (130A)

Ford 4G Series

FR3003

Ford 6G Series

FR6003 (105-110A, 2-leads/phase) FR6033 (105-110A, 2-leads/phase)
FR6013 (105-110A, 2-leads/phase) FR6073 (105-110A, 1-lead/phase)
FR6023 (130-135A) FR6083 (105-110A, 1-lead/phase)

RECTIFIERS FOR AD SERIES

- ✓ With Threaded 'Long Nut' Spacing Collar on B+ Stud
- ✓ Accepts Early and Late Design AD Regulators
- ✓ Crimp & Weld, Hi-Temp Lead Frame
- ✓ OE Validated Diodes



EARLY STYLE
Regulator B+
connection
at Lead Frame



LATE STYLE
Regulator B+
connection
at B+ Post

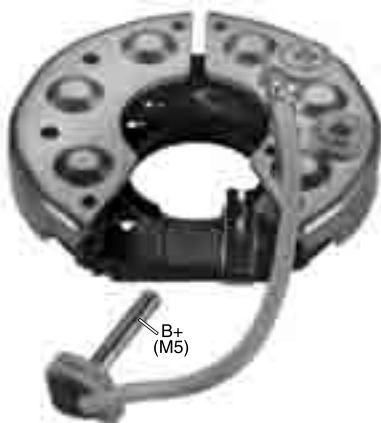
Part Number Reference	Original w/ Pressed B+ Collar	Late w/ Threaded B+ Collar
M8 B+, 40A Aval PF Diodes	DR4400-1	DR4402
M8 B+, 50A Aval PF Diodes	DR4400HD-1	DR4402HD
M8 B+, 40A Aval PF Diodes	DR4401	DR4403
M8 B+, 50A Aval PF Diodes	DR4401HD	DR4403HD

(see pages 285)

ALTERNATOR - RECTIFIERS (TRANSPO)

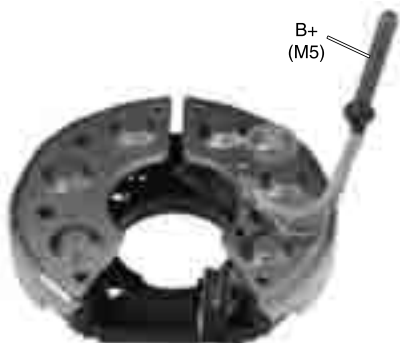
BOSCH

External Fan (88mm OD)



IBR594
Rectifier

For: Bosch 51A IR/EF Alternators
Used On: (1979-75) VW (non-USA)
Unit Nos: Bosch 9-120-080-122
Lester Nos: 13080
Dim: 88mm OD
 M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:
 • 6-25A diodes



IBR596
Rectifier

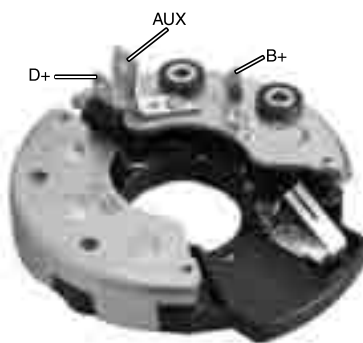
For: Bosch 489 Series 51A IR/EF Alternators
Used On: (1979-75) VW
Replaces: Bosch 1-127-320-164, VW-Audi 043-903-359C
Unit Nos: Bosch 0-120-489-565, 0-120-489-566; VW-Audi 043-903-023C
Lester Nos: 13080
WAI Ref. Nos: 1-1386-01BO
Dim: 88mm OD
 M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:
 • 6-25A diodes

External Fan (90mm OD)



IBR307
(Ref# 31-9144)
Rectifier

For: Bosch 300, 339 Series 28-45A ER/EF, IR/EF Alternators
Used On: John Deere
Replaces: Bosch 1-127-320-316, 1-127-320-569
Unit Nos: Bosch 0-120-300-535, -552, -562; 0-120-339-512, -514, -521, -531, -532, -536, -544, -545
Dim: 90mm OD
 M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:
 • 6-25A diodes



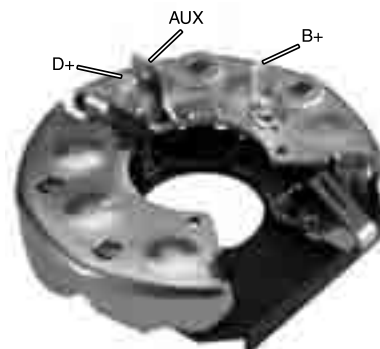
IBR318-1
(Ref# 31-9151)
Rectifier

For: Bosch 300, 339 Series 28-33A ER/EF, IR/EF Alternators
Used On: Agrifur, Fiat, Lancia, Marshall Tractor, Same, Styer
Replaces: Bosch 1-127-320-152, -192, -319
Unit Nos: Bosch 0-120-300-568, -569; 0-120-339-515, -516, -527, -528; Fiat 4257074, 4325179, 4325179
Lester Nos: 12029, 13058
WAI Ref. Nos: 1-1557-01BO
Dim: 90mm OD
Note: With trio, w/ B+ spade terminal.
Features:
 • 6-25A diodes



IBR305
(Ref# 31-9102)
Rectifier

For: Bosch 300 Series 28-33A ER/EF Alternators
Used On: Alfa Romeo, Opel
Replaces: Bosch 1-127-320-111, -118, -121, -342
Unit Nos: Bosch 0-120-300-531-536, -537, -538, -539
Lester Nos: 13061, 13069, 14066, 14554
WAI Ref. Nos: 1-1547-01BO
Dim: 90mm OD
 M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:
 • 6-25A diodes



IBR306
(Ref# 31-9103)
Rectifier

For: Bosch 300 Series 28-33A ER/EF Alternators
Used On: (1974-72) Fiat
Replaces: Bosch 1-127-320-102, 1-127-320-114, 1-127-320-122, 1-127-320-124, 1-127-320-151, 1-127-320-327; Ford 71BB-10304-AA; Hanomag 582-901-738; Mercedes 000-154-12-16
Unit Nos: Bosch 0-120-300-519, -522, -523, -528, -529, -533, -540, -544, -545, -546, -547, -548, -551, -558, -559, -564, -588; 0-120-339-502, -503, -504, -505, -506, -509, -510, -517, -518, -519, -520, -522
Lester Nos: 13058
WAI Ref. Nos: 1-1557-01BO
Dim: 90mm OD
Features:
 • 6-25A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

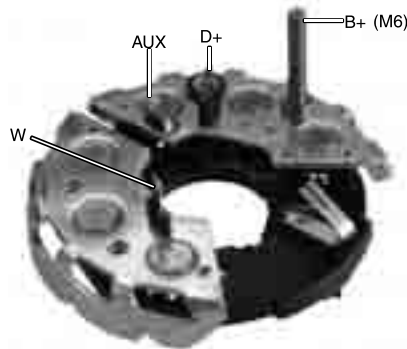
External Fan (90mm OD) (cont'd.)



IBR595 Rectifier

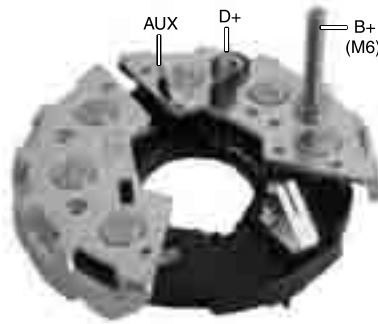
For: Bosch 35A IR/EF Alternators
Used On: VW
Replaces: Bosch 9-121-080-595, VW-Audi 040-903-3508
Unit Nos: Bosch 9-120-080-041, -090
Dim: 90mm OD
 1/4-28 Term.
Note: With diode trio.
Features:
 • 6-25A diodes

External Fan (114mm OD)



IBR301-1 (Ref# 31-9116) Rectifier

For: Bosch 489 Series 45-65A IR/EF Alternators
Used On: (1986-82) Volvo; Case
Replaces: Bosch 1-127-011-131
Unit Nos: Bosch 0-120-489-069, -070, -183, -286, -296, -475, -481
Lester Nos: 14421, 14784, 14802
WAI Ref. Nos: 1-1293-01BO
Dim: 114mm OD
 M6 x 1.0 x 33mm Batt. Term.
Note: With W-terminal. With diode trio. Similar to IBR304-1 except IBR304-1 wo/ W-terminal.
Features:
 • 6-40A press-fit diodes



IBR304-1 (Ref# 31-9101) Rectifier

For: Bosch 400, 489 Series 35-70A ER/EF, IR/EF Alternators
Used On: (1994-71) Alfa Romeo, Audi, BMW, Fiat, Lancia, Opel, Peugeot, Pontiac, Saab, VW, Volvo
Replaces: BMW 12-31-1-266-720, 12-31-1-268-409, 12-31-1-268-415, 12-31-1-279-597, 12-31-1-356-060, 12-31-1-358-048, 12-31-1-363-097, 12-31-1-706-465;
 Bosch 1-127-011-117, -118, -119, -120, -121, -123, -124, -125, -128, -138, -140; 1-127-320-109, -110, -117, -128, -139, -148, -149, -150, -170, -171, -184, -187, -188, -189, -190, -195, -196, -197, -300, -301, -302, -303, -304, -305, -306, -308, -309, -313, -318, -320, -325, -326, -336, -346, -347, -383, -384, -385, -500, -501, -508, -509, -510, -511, -529, -573, -574, -575, -583, -619, -620, -622, -623, -624, -633, -634, -645, -646, -650, -657, -686; IHC 3079133R91; KHD 42487948, 8121110; Saab 85-50-113, 85-59-825, 85-71-903, 85-91-083; Same 2943-91601; Volvo 1235288, 1235577, 1259577, 1363914, 243949, 243950, 692060, 694461; VW-Audi 046-903-359, -359A; 056-903-359, -371B
Unit Nos: Bosch 0-120-011-742; 0-120-288-252, -253; 0-120-400-740, -741, -742, -743, -771, -772, -782, -783, -827, -828, -831, -832, -833, -834, -838, -839, -840, -841, -849, -850, -852, -853, -854, -855, -870, -871, -889, -890, -910, -911, -912, -913, -914, -915, -921, -922, -926, -927, -928, -932, -933, -938, -939; 0-120-484-019, -021; 0-120-488-102, -103, -123, -129, -139, -141, -151, -152, -211, -221, -235, -252, -253, -254, -274, -275, -276, -287; 0-120-489-021, -028, -029, -030, -031, -036, -037, -038, -039, -040, -041, -042, -043, -044, -045, -046, -057, -058, -065, -066, -072, -073, -084, -086, -087, -104, -105, -108, -109, -110, -111, -114, -115, -116, -117, -118, -119, -120, -121, -122, -123, -124, -125, -126, -127, -128, -129, -130, -131, -135, -136, -137, -138, -139, -142, -143, -152, -153, -154, -155, -167, -171, -174, -182, -187, -188, -189, -191, -193, -194, -212, -217, -218, -219, -220, -258, -259, -263, -272, -273, -279, -285, -297, -307, -318, -319, (cont'd.)

(cont'd.)

-339, -348, -350, -351, -353, -358, -394, -400, -401, -410, -411, -412, -413, -421, -422, -423, -424, -450, -455, -485, -486, -487, -498, -533, -534, -537, -538, -543, -544, -549, -550, -575, -576, -577, -578, -585, -586, -606, -607, -608, -609, -610, -611, -612, -613, -614, -615, -625, -626, -627, -628, -629, -630, -631, -632, -633, -634, -635, -636, -637, -638, -639, -640, -641, -642, -644, -645, -646, -647, -648, -649, -650, -651, -652, -653, -654, -655, -656, -657, -659, -660, -661, -682, -685, -686, -687, -688, -708, -709, -715, -716, -717, -718, -735, -736, -737, -738, -739, -752, -753, -759, -760, -762, -766, -767, -768, -769, -780, -781, -782, -792, -793, -794, -795, -796, -812, -813, -823, -824, -836, -837, -874, -875, -876, -877, -879, -880, -903, -904, -905, -906, -942, -943, -946, -947, -948, -949, -950, -951, -952, -955

Lester Nos: 12048, 134; 13018, 050, 071, 079, 101, 102, 109, 112, 113, 115, 119, 129, 150, 151, 152, 156, 206, 219, 236, 248, 379, 607; 14046, 057, 070, 392, 395, 538, 539, 595, 605, 769, 781

WAI Ref. Nos: 1-1267-01BO, 1-1268-01BO, 1-1273-01BO, 1-1274-01BO, 1-1275-01BO, 1-1280-01BO, 1-1281-01BO, 1-1282-00BO, 1-1289-01BO, 1-1290-01BO, 1-1291-01BO, 1-1304-01BO, 1-1337-01BO, 1-1338-01BO, 1-1343-01BO, 1-1344-01BO, 1-1347-01BO, 1-1348-01BO, 1-1350-01BO, 1-1449-01BO, 1-1474-01BO, 1-1522-01BO, 1-1535-01BO, 1-1603-01BO, 1-1847-01BO

Dim: 114mm OD
 M6 x 1.0 x 33mm Batt. Term.
Note: Without W-terminal.
 With diode trio.
 Similar to IBR301-1 except IBR301-1 w/ W-terminal.

Features:
 • 6-40A press-fit diodes

IBR304HD-1 Rectifier

Same as IBR304-1 except...

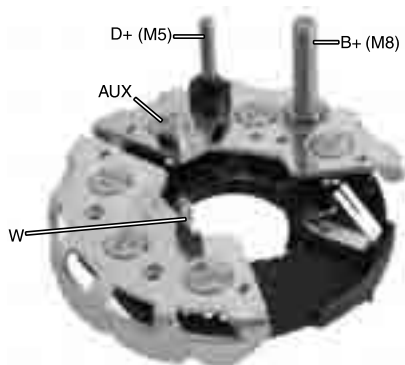
Features:
 • Heavy Duty
 • 6-50A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IBR310
Rectifier

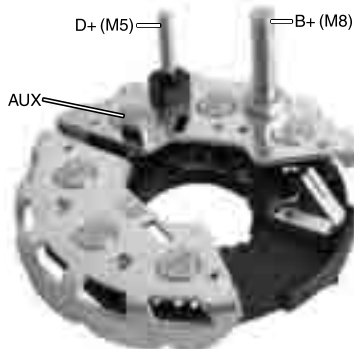
For: Bosch 70A IR/EF Alternators
Replaces: Bosch 9-121-067-300, -303, -304, -317, -319, -320, -324, -325, -328, -329, -330, -331
Unit Nos: Bosch 9-120-060-910
Dim: 114mm OD
 M6 x 1.0 x 33mm Batt. Term.
Note: With diode trio.
Features:
 • 6-40A press-fit diodes



IBR311-1
(Ref# 31-9114)
Rectifier

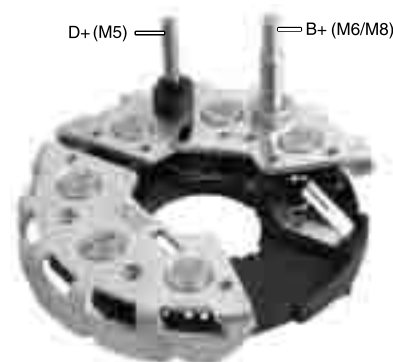
For: Bosch 488, 489 Series 20-65A IR/EF Alternators
Used On: (1991-86) VW; Case, Thermo King
Replaces: Bosch 1-127-320-664, -665, -666, -695, -926; VW-Audi 069-903-359D
Unit Nos: Bosch 0-120-488-134, -138, -205, -219, -220, -226, -227, -238, -241, -245, -246, -247, -249, -257, -258, -259, -260, -264, -272, -285, -293; 0-120-489-360, -361, -367, -368, -369, -370, -374, -376, -377, -378, -379, -425, -434, -435, -436, -437, -438, -444, -445, -446, -447, -449, -495, -496, -497; Thermo King 44-8499
Lester Nos: 12161, 13173, 13378, 14410, 14798, 14818, 14970, 14997
WAI Ref. Nos: 1-1387-01BO, 1-1399-01BO, 1-1401-01BO, 1-1469-01BO, 1-1872-01BO, 1-2237-00BO
 (cont'd.)

(cont'd.)
Dim: 114mm OD
 M5 x 0.8 x 20mm D+ Term. (Trio)
 M8 x 1.25 x 30mm Batt. Term.
Note: With W-terminal. With diode trio.
Features:
 • 6-40A press-fit diodes



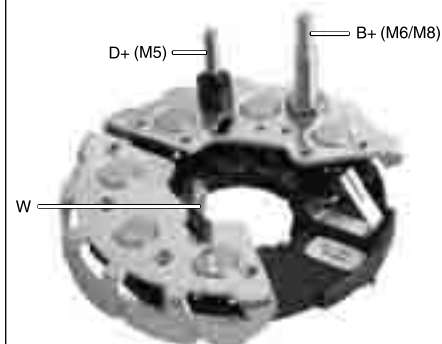
IBR316-1
Rectifier

For: Bosch 488, 489 Series 55-70A IR/EF Alternators
Used On: (1993-86) VW; Saab Scania
Replaces: Bosch 1-127-320-601, -661, -662, -691; Saab 85-98-096, 95-55-301; Volvo 9130092; VW-Audi 036-903-359E, F, G, H
Unit Nos: Bosch 0-120-469-592, -959; 0-120-488-196, -197, -198, -199, -236, -237, -239, -240, -261, -262, -263, -265, -279; 0-120-489-310, -311, -312, -362, -363, -364, -365, -366, -371, -372, -373, -380, -381, -382, -383, -427, -428, -429, -430, -431, -432, -433, -439, -440, -441, -443, -448, -499; 9-120-080-129
Lester Nos: 14798, 14818, 14970, 14996
WAI Ref. Nos: 1-1387-01BO, 1-1399-01BO, 1-1468-01BO
Dim: 114mm OD
 M5 x 0.8 x 20mm D+ Term. (Trio)
 M8 x 1.25 x 30mm Batt. Term.
Note: With diode trio.
Features:
 • 6-40A press-fit diodes



IBR321-1
Rectifier

For: Bosch 488 Series 55-65A IR/EF Alternators
Used On: GM, Opel
Replaces: Bosch 1-127-320-651, 1-127-320-677; Opel 1205571, 1205573, 90017587, 90349909
Unit Nos: Bosch 0-120-488-156, -157, -158, -159, -160, -161, -162, -163, -164, -165, -166, -167, -168, -169, -170, -171, -172, -173, -174, -175, -190, -191, -192, -193, -200, -201, -202, -203, -204, -255, -281
Dim: 114mm OD
 M5 x 0.8 D+ Term. (Trio)
 M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Note: With diode trio.
Features:
 • 6-40A press-fit diodes



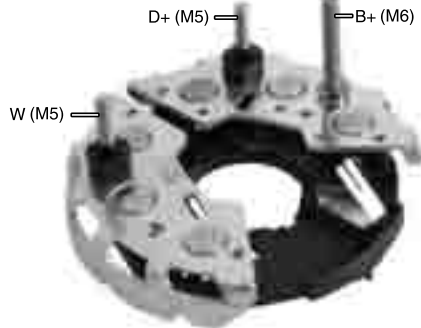
IBR322
Rectifier

For: Bosch 488 Series 70A IR/EF Alternators
Used On: GM, Opel
Replaces: Bosch 1-127-320-914; Opel 1205572, 90350009
Unit Nos: Bosch 0-120-488-186, 0-120-488-187
Dim: 114mm OD
 M5 x 0.8 x 20mm D+ Term. (Trio)
 M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Note: With diode trio. With W-terminal.
Features:
 • 6-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

External Fan (114mm OD) (cont'd.)



IBR320-1
(Ref# 31-9150)
Rectifier

For: Bosch 488 Series 50-70A IR/EF Alternators

Used On: Opel

Replaces: Bosch 9-121-147-302; Opel 12-05-568, 90010012

Unit Nos: Bosch 0-120-488-000, -001, -002, -003, -004, -005, -007, -008, -009, -010, -011, -012; 9-120-144-292, -305, -605, -606, -608, -609, -610, -611, -612, -613, -614, -617, -618, -621, -622, -626, -628, -635; 9-120-334-626, -628, -635

Dim: 114mm OD

M5 x 0.8 x 16mm D+ Term. (Trio)

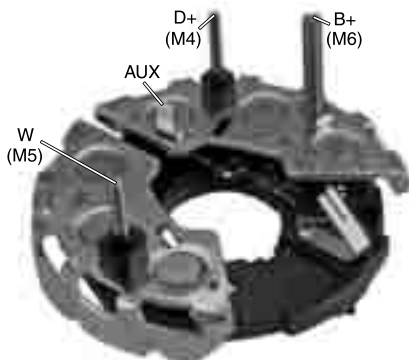
M5 x 0.8 W-Term.

M6 x 1.0 x 33mm Batt. Term.

Note: With diode trio. With W-Terminal

Features:

- 6-40A press-fit diodes



IBR667
(Ref# 31-9153)
Rectifier

For: Bosch 489 Series 50-70A IR/EF Alternators

Used On: Caterpillar Tool Carrier

Replaces: Bosch 1-127-320-667, Ford 86AB-10304-AA

Unit Nos: Bosch 0-120-488-286; 0-120-489-347, 389, 390, 391, 392, 408; Caterpillar 100-8223, Perkins 2871C105

Lester Nos: 12164

(cont'd.)

(cont'd.)

Dim: 114mm OD

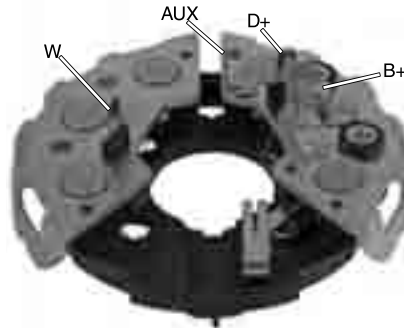
M4 x 0.7 x 20mm D+ Term.

M5 x 0.8 x 20mm W-Term.

M6 x 1.0 x 33mm Batt. Term.

Features:

- 6-40A press-fit diodes



IBR302-1
(Ref# 31-9108)
Rectifier

For: Bosch 489 Series 45-65A IR/EF Alternators

Used On: (1985-77) Audi, VW

Replaces: Bosch 1-127-011-116, 1-127-320-506, 1-127-320-614, 1-127-320-648;

VW-Audi 068-903-259, 068-903-359

Unit Nos: Bosch 0-120-489-080, -081, -082, -083, -186, -208, -210, -211, -248, -249, -250, -282, -283, -470, -960, -961, -966, -967, -969, -971, -972, -973, -974, -975, -976, -977, -978, -979, -980, -981; 0-886-031-501; VW-Audi 049-903-015J, -017A, -017AX; 068-903-017, -017A, -017C, -017CX, -017F, -017FX, -017J, -017JX, -023M, -023S, -025C, -025E, -025J, -025K, -025L, -027F, -029, -029B, -023A; 076-903-023G, -023M; 175-903-023AA, -023T

Lester Nos: 13055, 13129, 13172, 14410, 14412, 14797, 14803, 14807, 14969, 14971

WAI Ref. Nos: 1-1282-00BO,

1-1392-00BO, 1-1395-01BO, 1-1396-01BO, 1-1398-01BO, 1-1407-01BO, 1-1462-01BO, 1-1587-00BO

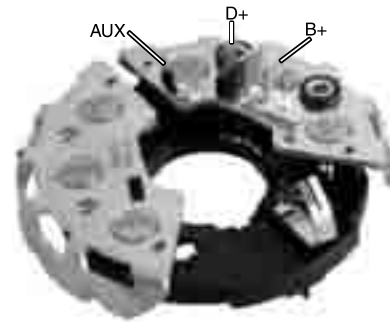
Dim: 114mm OD

Note: With W-terminal. With Diode Trio.

Similar to IBR303-1 except IBR303-1 wo/ W-terminal.

Features:

- 6-40A press-fit diodes



IBR303-1
(Ref# 31-9100)
Rectifier

For: Bosch 400, 489 Series 35-70A ER/EF, IR/EF Alternators

Used On: (1993-70) Audi, Ford, Mercedes, Mercury, VW

Replaces: BMW 12-31-1-354-682;

Bosch 1-127-011-112, -113, -114, -115, -135; 1-127-320-101, -103, -105, -108, -119, -120, -125, -130, -134, -136, -138, -140, -143, -144, -145, -155, -157, -158, -160, -163, -174, -175, -176, -178, -181, -183, -185, -277, -307, -310, -311, -312, -314, -322, -323, -329, -339, -341, -351, -355, -377, -378, -380, -381, -382, -392, -502, -512, -513, -528, -536, -554, -563, -572, -609, -610, -611, -612, -613, -630, -637, -641, -642, -644, -647, -649, -669; Ford 71BB-10304-BA, 72GB-10304-AA, 74EB-10304-AA, 75BB-10304-AA, 75EB-10304-AA; IHC 3078594R91; Mercedes 000-154-13-16,

000-154-14-16, 000-154-20-16,

000-154-29-16, 000-154-32-16,

000-154-50-16, 000-154-64-16,

000-154-68-16, 000-154-76-16,

000-154-81-16, 000-154-82-16,

001-154-32-16; Saab 85-18-854;

VW-Audi 028-903-359, -359A;

036-903-359B, 046-903-359B;

049-903-359, -359E, -359F;

052-903-371A; 056-903-371, -371A;

059-903-359, -371A, -371B, -511

Unit Nos: Bosch 0-120-400-669, -670,

-704, -705, -722, -723, -724, -733, -744,

-745, -747, -750, -758, -759, -806, -807,

-808, -809, -810, -811, -814, -856, -857,

-858, -859, -860, -861, -866, -872, -885,

-898, -899, -900, -901, -902, -903, -905,

-906, -916, -917, -918, -919;

0-120-488-118, -119, -126;

0-120-489-001, -002, -003, -004, -005,

-006, -007, -008, -009, -010, -011, -012,

-013, -014, -015, -016, -017, -024, -025,

-026, -049, -050, -051, -052, -054, -061,

-062, -063, -064, -076, -077, -078, -079,

-092, -094, -095, -096, -097, -098, -099,

-100, -101, -148, -149, -150, -162, -168,

-172, -184, -195, -196, -197, -198, -199,

-200, -201, -202, -203, -204, -205, -206,

-207, -209, -213, -214, -228, -229, -232,

-233, -234, -236, -237, -242, -243, -260,

-261, -262, -266, -268, -269, -274, -275,

-276, -289, -293, -298, -299, -300, -301,

-302, -304, -305, -321, -322, -323, -324,

-325, -326, -327, -328, -329, -330, -331,

-332, -333, -354, -355, -356, -357, -359,

(cont'd.)

ALTERNATOR - RECTIFIERS (TRANSPO)

(cont'd.)

-386, -397, -398, -479, -480, -500, -501, -502, -506, -507, -508, -509, -510, -511, -512, -513, -514, -519, -520, -521, -522, -523, -526, -527, -532, -535, -536, -545, -546, -547, -548, -551, -555, -556, -557, -558, -559, -560, -561, -562, -567, -568, -569, -571, -572, -573, -574, -579, -580, -581, -582, -587, -588, -589, -590, -592, -593, -594, -595, -596, -599, -600, -601, -602, -603, -604, -605, -616, -617, -622, -623, -624, -664, -665, -666, -667, -668, -669, -670, -671, -676, -678, -679, -683, -691, -692, -698, -699, -700, -701, -705, -706, -711, -712, -713, -714, -719, -720, -721, -722, -732, -744, -745, -746, -747, -748, -749, -751, -755, -758, -771, -772, -773, -774, -785, -786, -797, -798, -799, -800, -801, -802, -803, -804, -805, -806, -809, -810, -811, -814, -815, -816, -817, -818, -819, -820, -821, -825, -826, -828, -829, -833, -834, -835, -839, -840, -841, -842, -843, -844, -846, -847, -848, -849, -850, -851, -852, -853, -854, -855, -856, -857, -858, -859, -860, -861, -862, -863, -864, -865, -866, -867, -868, -869, -870, -871, -872, -873, -878, -887, -888, -889, -892, -893, -894, -895, -896, -897, -898, -899, -909, -91, -910, -911, -912, -913, -914, -915, -916, -917, -918, -919, -928, -930, -931, -932, -933, -935, -936, -937, -938, -939, -940, -964, -965, -982, -983, -986, -987, -988, -989, -990, -991, -992, -993

Lester Nos: 13018, 028, 033, 036, 039, 054, 055, 056, 073, 077, 093, 094, 107, 115, 116, 129, 138, 7, 153, 154, 159, 172; 14046, 048, 049, 410, 412, 779, 797, 803, 820, 824, 969, 971

WAI Ref. Nos: 1-1167-01BO, 1-1282-00BO, 1-1329-01BO, 1-1352-01BO, 1-1353-31BO, 1-1353-32BO, 1-1353-41BO, 1-1355-01BO, 1-1358-01BO, 1-1392-00BO, 1-1395-01BO, 1-1396-01BO, 1-1398-01BO, 1-1402-01BO, 1-1403-00BO, 1-1408-01BO, 1-1449-01BO, 1-1450-01BO, 1-1451-01BO, 1-1452-01BO, 1-1453-01BO, 1-1454-01BO, 1-1460-01BO, 1-1462-01BO, 1-1560-01BO, 1-1561-01BO, 1-1568-00BO, 1-1568-01BO, 1-1568-02BO, 1-1572-01BO, 1-1573-00BO, 1-1574-01BO, 1-1584-00BO, 1-1585-00BO, 1-1586-00BO, 1-1852-01BO

Dim: 114mm OD

Note: Without W-terminal. With diode trio.

Similar to IBR302-1 except IBR302-1 w/ W-terminal.

Features:

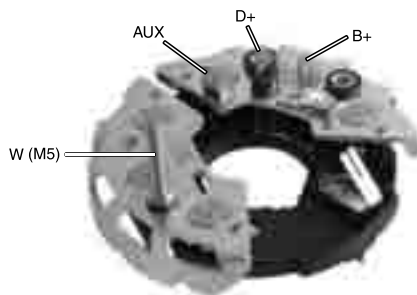
- 6-40A press-fit diodes

IBR303HD-1 Rectifier

Same as IBR303-1 except...

Features:

- Heavy Duty
- 6-50A press-fit diodes



IBR317-1 Rectifier

For: Bosch 488, 489 Series 55A IR/EF Alternators

Used On: (1978-76) Mercury; Ford (Europe)

Replaces: Bosch 1-127-011-139, 1-127-320-372, 1-127-320-580, 1-127-320-652; Ford 81AB-10304-DA, 81DB-10304-CA

Unit Nos: Bosch 0-120-488-176, -177, -182, -210; 0-120-489-047, -048, -074, -075, -088, -090, -091, -093, -103, -175, -176, -244, -245, -267, -287, -288, -290, -291, -313, -314, -345, -403, -426, -956, -957, -958, -959; 9-120-144-281, 9-120-144-282, -301

Lester Nos: 13107, 14048

WAI Ref. Nos: 1-1167-01BO, 1-1453-01BO

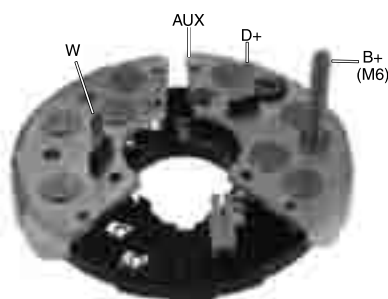
Dim: 114mm OD

M5 x 0.8 x 33mm W-Term.

Note: With diode trio. With auxiliary terminal.

Features:

- 6-40A press-fit diodes



IBR276 Rectifier

For: Bosch 55-90A IR/EF Alternators

Used On: Renault

Replaces: Bosch 9-122-080-923

Unit Nos: Bosch 9-120-080-215, 9-120-080-222, F-010-LD0-001

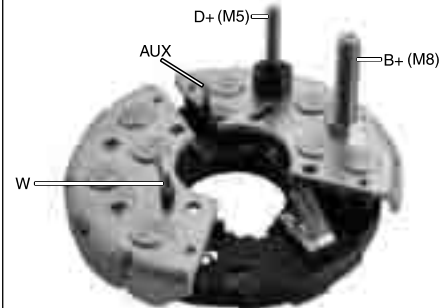
Dim: 114mm OD

M6 x 1.0 Batt. Term.

Note: With W-terminal

Features:

- 8-40A press-fit avalanche diodes



IBR324 (Ref# 31-9157) Rectifier

For: Bosch 484 Series 95A IR/EF Alternators

Used On: Case, Caterpillar, Deutz-Allis, Deutz-Fahr, John Deere, Iveco, KHD

Replaces: Bosch 1-127-320-692, John Deere A187905

Unit Nos: Bosch 0-120-484-001, -011, -012, -020, -024; Case A187623; John Deere, AL81437, AZ38462, AZ3846201; KHD 1177063, 1178607, 1178607

Lester Nos: 12145, 12150, 12151, 12169

WAI Ref. Nos: 1-2344-00BO, 1-2435-01BO

Dim: 114mm OD

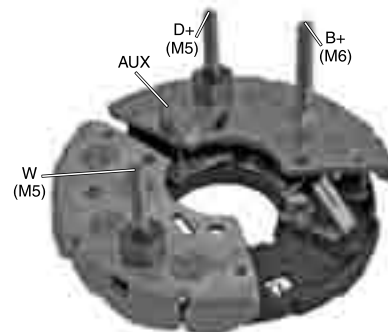
M5 x 0.8 x 25mm D+ Term. (Trio)

M8 x 1.25 x 30mm Batt. Term.

Note: With trio, w/ W-terminal.

Features:

- 8-50A press-fit avalanche diodes



IBR668 Rectifier

For: Bosch 75-90A IR/EF Alternators

Used On: Ford (Mexico, South America)

Replaces: Bosch 9-128-040-953

Unit Nos: Bosch 9-120-180-020

Dim: 114mm OD

M5 x 0.8 x 25mm Auxiliary Term.

M6 x 1.0 x 33mm Batt. Term.

Note: With diode trio.

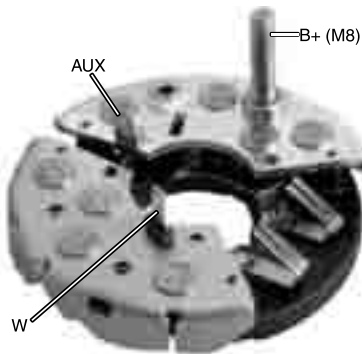
Features:

- 8-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

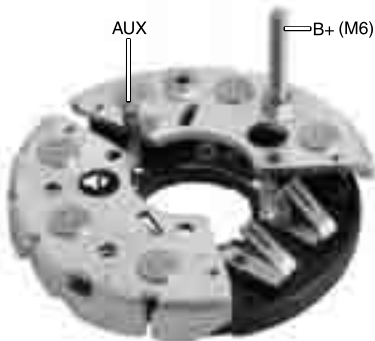
BOSCH

External Fan (114mm OD) (cont'd.)



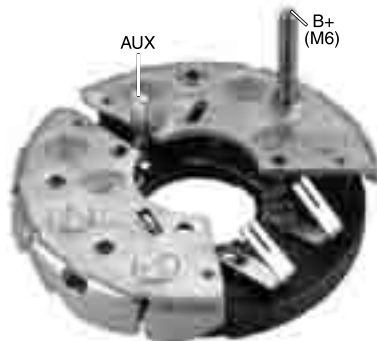
IBR308
Rectifier

For: Bosch 30-60A IR/EF Alternators
Used On: Ford, Mercury (Australia); Thermo King
Replaces: Bosch 9-121-067-067, -364, -371, -374, -375, -388, -394
Unit Nos: Bosch 9-120-060-009, 9-120-060-023
Lester Nos: 12224
Dim: 114mm OD
 M8 x 1.25 x 30mm Batt. Term.
Note: Without diode trio. With P-terminal.
Features:
 • 8-40A press-fit avalanche diodes



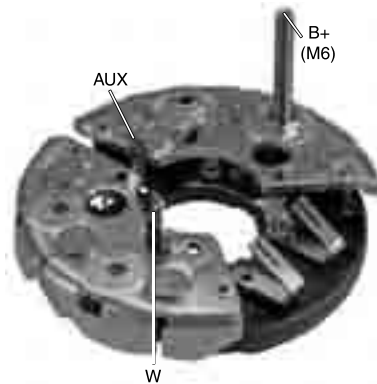
IBR323
Rectifier

For: Bosch 37A IR/EF Alternators
Used On: Thermo King
Replaces: Bosch 9-121-067-379, Thermo King 44-9141
Unit Nos: Bosch 9-120-060-027, Thermo King 44-9571
Lester Nos: 12223
Dim: 114mm OD
 M6 x 1.0 x 33mm Batt. Term.
Note: Without diode trio., wo/ W-terminal.
 Similar to IBR388 but IBR388 is w/ W-terminal
Features:
 • 6-40A press-fit avalanche diodes



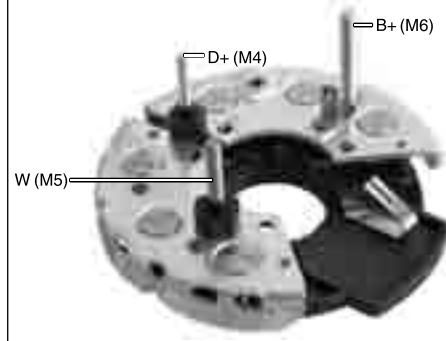
IBR347
(Ref# 31-9131)
Rectifier

For: Bosch 85A IR/EF Alternators
Used On: (1991) Mercury
Replaces: Ford E9JY-10304-A
Unit Nos: Bosch 9-120-060-020; Ford 89JA-10300-AA, E9JY-10346-A
Lester Nos: 13300
WAI Ref. Nos: 1-1170-01BO
Dim: 114mm OD
 M6 x 1.0 x 33mm Batt. Term.
Features:
 • 8-40A press-fit diodes



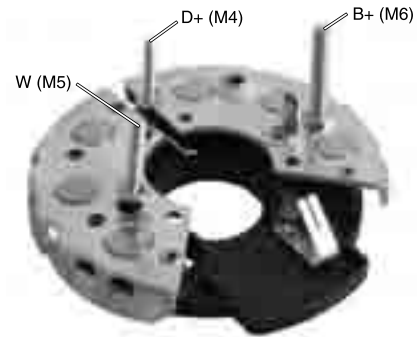
IBR388
Rectifier

For: Bosch 37A IR/EF Alternators
Used On: Thermo King
Replaces: Bosch 9-120-067-027, 9-121-067-385
Unit Nos: Bosch 9-120-060-027; Thermo King 44-8950, 44-9571, 5D33839G01, 5D38603G01
Lester Nos: 12223
Dim: 114mm OD
 M6 x 1.0 x 33mm Batt. Term.
Note: With W- terminal. Similar to IBR323 but IBR323 is wo/ W-terminal
Features:
 • 6-40A press-fit avalanche diodes



IBR313
(Ref# 31-9139)
Rectifier

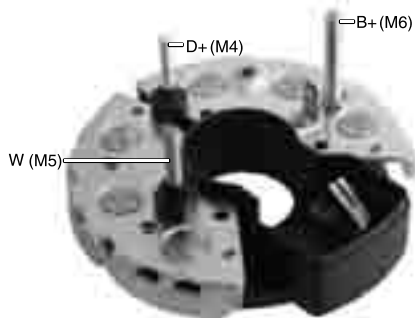
For: Bosch 489 Series 27-55A IR/EF Alternators
Used On: Massey-Ferguson, Mercedes
Replaces: Bosch 1-127-011-098, 1-127-320-366
Unit Nos: Bosch 0-120-489-387, -727; 9-120-080-112, -113, -126, -151, -154
Lester Nos: 14391
WAI Ref. Nos: 1-1998-01BO
Dim: 114mm OD
 M4 x 0.7 x 19mm D+ Term. (Trio)
 M5 x 0.8 x 19mm W-Term.
 M6 x 1.0 x 33mm Batt. Term.
Note: With diode trio.
Features:
 • 6-40A press-fit diodes



IBR325
Rectifier

For: Bosch 35A IR/EF Alternators
Used On: VW
Replaces: Bosch 9-121-080-963; VW-Audi ZBA-903-359B, F
Unit Nos: Bosch 9-120-080-093, 9-120-080-127
Dim: 114mm OD
 M4 x 0.7 x 22mm D+ Term. (Trio)
 M5 x 0.8 x 25mm W-Term.
 M6 x 1.0 x 34mm Batt. Term.
Note: With diode trio.
Features:
 • 6-40A press-fit diodes

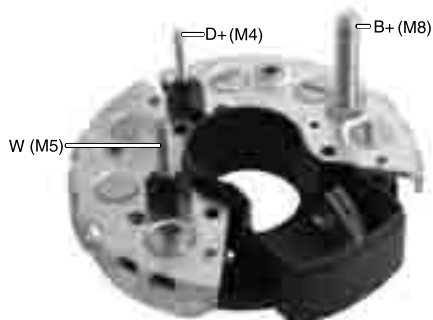
ALTERNATOR - RECTIFIERS (TRANSPO)



IBR314
(Ref# 31-9140)
Rectifier

For: Bosch 489 Series 27-65A IR/EF Alternators
Used On: IHC, Iveco, MAN, KHD, Mercedes Benz Truck
Replaces: Bosch 1-127-011-095, 1-127-320-604
Unit Nos: Bosch 0-120-489-704, -730, -731, -756, -944
Dim: 114mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M5 x 0.8 x 19mm W-Term.
M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:

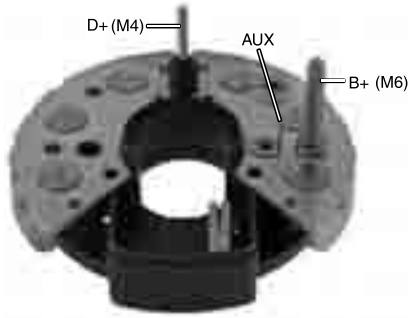
- 6-40A press-fit diodes



IBR315
(Ref# 31-9152)
Rectifier

For: Bosch 489 Series 30-35A/24V IR/EF Alternators
Used On: Mercedes Benz Truck
Replaces: Bosch 1-127-320-909, -992; 9-127-041-132, -133
Unit Nos: Bosch 0-120-489-256, -316
Dim: 114mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M5 x 0.8 x 19mm W-Term.
M8 x 1.25 x 30mm Batt. Term.
Note: With trio.
Features:

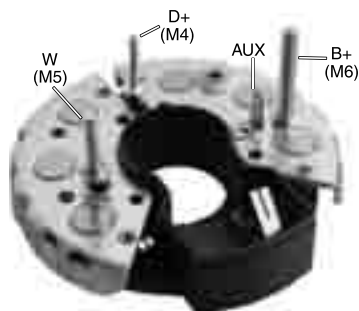
- 6-50A press-fit diodes



IBR319
(Ref# 31-9145)
Rectifier

For: Bosch 489 Series 45-55A ER/EF, IR/EF Alternators
Used On: John Deere
Replaces: Bosch 1-127-320-668
Unit Nos: Bosch 0-120-489-643, 0-120-489-704
Dim: 114mm OD
M4 x 0.7 x 19mm D+ Term. (Trio)
M6 x 1.0 x 33mm Batt. Term.
Note: With diode trio.
Features:

- 6-40A press-fit diodes

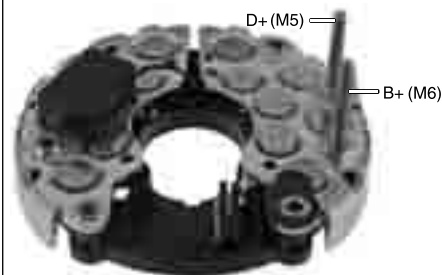


IBR326
Rectifier

For: Bosch 45A IR/EF Alternators
Used On: Case, Cummins, Fiatallis, Scania, Volvo
Replaces: Bosch 1-127-320-541, Ford BG1T-10B347-AA, John Deere AL30419, MAN 81-26109-0004, Mercedes 001-154-20-16, Scania 1953433, Volvo 244343
Unit Nos: Bosch 9-120-080-130, -144, -150, -157, -160, -162, -166, -190
Lester Nos: 12295
Dim: 114mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 25mm W-Term.
M6 x 1.0 x 40mm Batt. Term.
Features:

- 6-40A press-fit diodes

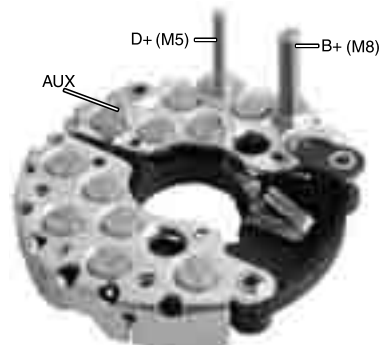
External Fan (120mm OD)



IBR330
(Ref# 31-9107)
Rectifier

For: Bosch 469 Series 70-90A ER/EF, IR/EF Alternators
Used On: (1987-78) Volvo
Replaces: Bosch 1-127-320-370, -576
Unit Nos: Bosch 0-120-450-008, -009; 0-120-469-563, -564, -567, -568, -608, -609, -628, -664, -665, -668, -669, -670, -680, -681
Lester Nos: 13023, 13161, 14420, 14785
WAI Ref. Nos: 1-1292-02BO, 1-1294-01BO, 1-1296-01BO, 1-1536-01BO, 1-1871-01BO
Dim: 120mm OD
M5 x 0.8 x 25mm D+ Term. (Trio)
M6 x 1.0 x 33mm Batt. Term.
Note: With trio.
Features:

- 14-40A press-fit diodes



IBR336
Rectifier

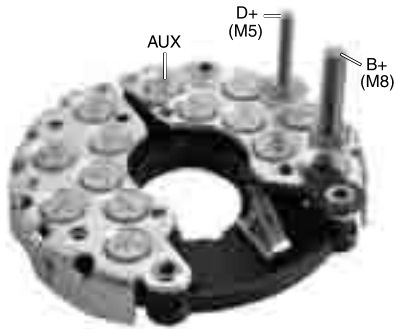
For: Bosch 469 Series 80A IR/EF Alternators
Used On: (1991-77) Mercedes
Unit Nos: Bosch 0-120-469-588, -589, -642, -945; Mercedes 006-154-72-02, 006-154-73-02, 007-154-06-02, 008-154-80-02; Saab 85-87-214
Lester Nos: 14059, 14783, 14966
WAI Ref. Nos: 1-1283-24BO
Dim: 120mm OD
M5 x 0.8 x 30mm D+ Term. (Trio)
M8 x 1.25 x 30mm Batt. Term.
Note: With diode trio.
Used in Bosch 1-127-011-157 S.R.E. Frame Assy.
Features:

- 12-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

External Fan (120mm OD) (cont'd.)



IBR337
(Ref# 31-9120)

Rectifier

For: Bosch 469 Series 100A IR/EF Alternators

Used On: (1985-84) Chrysler, Dodge, Plymouth

Replaces: Bosch 1-127-320-584, 1-127-320-608

Unit Nos: Bosch 0-120-469-623, -624; Chrysler 5213847

Lester Nos: 13191

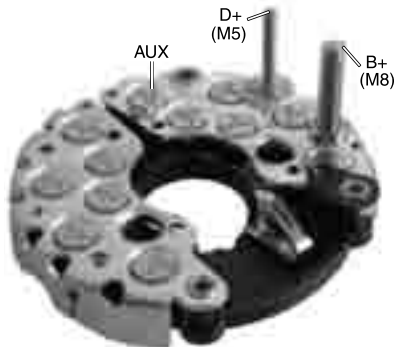
WAI Ref. Nos: 1-1500-01BO

Dim: 120mm OD
M5 x 0.8 x 33mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.

Note: With diode trio.

Features:

- 14-40A press-fit diodes



IBR339
(Ref# 31-9113)

Rectifier

For: Bosch 469 Series 90A IR/EF Alternators

Used On: (1984) Chrysler, Dodge, Plymouth

Replaces: Bosch 1-127-320-607

Unit Nos: Bosch 0-120-469-621, -622, -639, -640; Chrysler 5213756

Lester Nos: 14765

WAI Ref. Nos: 1-1501-00BO, 1-1501-01BO

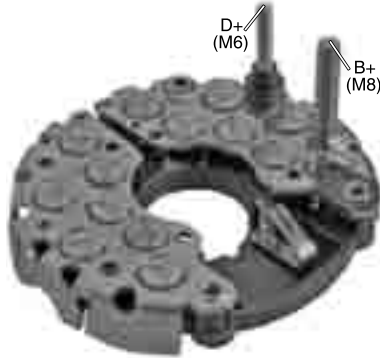
Dim: 120mm OD
M5 x 0.8 x 19mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.

Note: With anti-feedback diode.

With diode trio.

Features:

- 12-40A press-fit diodes



IBR918
(Ref# 31-9135)

Rectifier

For: Bosch 468 Series 140A IR/EF Alternators

Used On: (1997-87) BMW

Replaces: Bosch 1-127-320-918

Unit Nos: BMW 12-31-1-315-434,

12-31-1-710-562, 12-31-1-715-660,

12-31-1-717-395, 12-31-1-720-164,

12-31-1-731-468, 12-31-1-733-060,

12-31-1-735-705, 12-31-1-735-706;

Bosch 0-120-468-013, -014, -032, -033,

-071, -072, -073, -074, -097, -098

Lester Nos: 13268, 13269, 13365

WAI Ref. Nos: 1-1271-01BO,

1-1276-01BO, 1-1438-01BO

Dim: 120mm OD

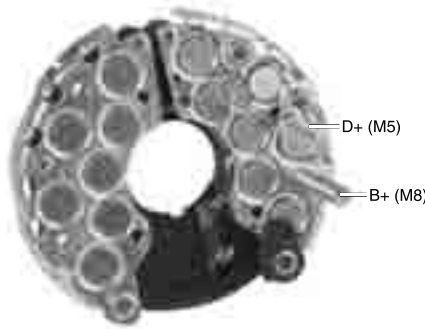
M6 x 1.0 x 20mm D+ Term. (Trio)

M8 x 1.25 x 33mm Batt. Term.

Note: With diode trio.

Features:

- 14-40A press-fit diodes



IBR331
(Ref# 31-9105)

Rectifier

For: Bosch 469 Series 75-90A IR/EF Alternators

Used On: (1985-75) Audi, Porsche, VW

Replaces: Bosch 1-127-320-172, -359, -360, -531, -542

Unit Nos: Bosch 0-120-469-500, -501,

-502, -503, -504, -505, -524, -525, -528,

-533, -538, -539, -551, -552, -553, -554,

-555, -556, -557, -558, -560, -561, -593

Lester Nos: 13122, 14000, 14059,

14418, 14782, 14791, 14966

(cont'd.)

(cont'd.)

WAI Ref. Nos: 1-1264-01BO, 1-1283-41BO, 1-1366-01BO, 1-1367-01BO, 1-1458-01BO

Dim: 120mm OD

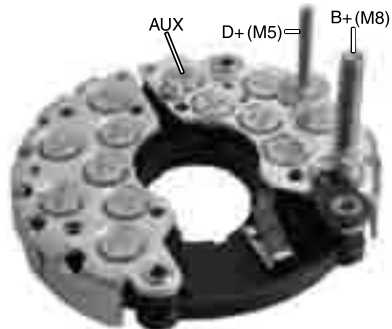
M5 x 0.8 x 30mm D+ Term. (Trio)

M8 x 1.25 x 33mm Batt. Term.

Note: With trio.

Features:

- 14-40A press-fit diodes



IBR332

Rectifier

For: Bosch 469 Series 90A IR/EF Alternators

Used On: Audi, BMW, Mercedes, Porsche, Saab, VW

Replaces: Bosch 1-127-320-595;

Mercedes 000-154-61-16

Unit Nos: Bosch 0-120-469-581, -582;

VW-Audi 025-903-023, 035-903-015R,

035-903-015S, 035-903-017A

Lester Nos: 14778

WAI Ref. Nos: 1-1461-01BO

Dim: 120mm OD

M5 x 0.8 x 30mm D+ Term. (Trio)

M8 x 1.25 x 33mm Batt. Term.

Note: With diode trio.

Features:

- 14-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IBR344

Rectifier

For: Bosch 469 Series 80-90A IR/EF Alternators

Used On: (1985-78) Audi, Mercedes, Porsche, VW

Replaces: Bosch 1-127-320-538, 1-127-320-360; Mercedes

000-154-41-16, VW 035-903-359C

Unit Nos: Bosch 0-120-469-514, -515, -534, -535, -555, -556, -557, -558, -583, -584, -721

Lester Nos: 13122, 14418, 14791, 14799

WAI Ref. Nos: 1-1283-41BO, 1-1367-01BO, 1-1458-01BO, 1-1473-01BO

Dim: 120mm OD

M8 x 1.25 x 33mm Batt. Term.

Note: With diode trio.

Features:

- 14-40A press-fit diodes



IBR329

(Ref# 31-9146)

Rectifier

For: Bosch 450 Series 90-100A ER/EF Alternators

Used On: (1990-85) Chrysler, Dodge, Plymouth

Replaces: Bosch 1-127-320-718, 1-127-320-719; Chrysler 5234447

Unit Nos: Bosch 0-120-450-011, -012, -013, -014, -016, -017; Chrysler 5226432, 5226600, 5233574, 5233718

Lester Nos: 14789

WAI Ref. Nos: 1-1489-01BO

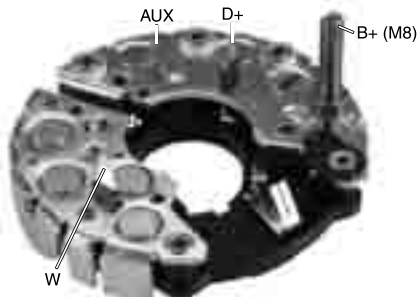
Dim: 120mm OD

M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.

Note: Without diode trio.

Features:

- 6-50A press-fit diodes



IBR350

(Ref# 31-9138)

Rectifier

For: Bosch 469 Series 90A IR/EF Alternators

Used On: (1986-85) VW

Replaces: Bosch 1-127-320-701, VW-Audi 068-903-359A

Unit Nos: Bosch 0-120-469-602, -604, -605, -637, -638, -654, -674, -675, -701, -702, -703, -704, -705, -706, -707, -711, -714, -717, -718, -719

Lester Nos: 14396, 14806, 14821

WAI Ref. Nos: 1-1388-00BO, 1-1397-01BO, 1-1471-01BO

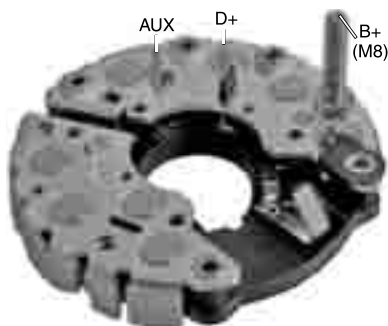
Dim: 120mm OD

M8 x 1.25 x 33mm Batt. Term.

Note: With W-terminal. With diode trio. Similar to IBR351 except IBR351 w/ W-terminal.

Features:

- 8-50A press-fit diodes



IBR351

(Ref# 31-9106)

Rectifier

For: Bosch 469 Series 90A IR/EF Alternators

Used On: (1989-84) Audi, Merkur, VW

Replaces: Bosch 1-127-320-700, 1-127-320-730; Ford E5RD-10304-AA, E5RY-10304-A, GYE-1353

Unit Nos: Bosch 0-120-469-028, -029, -034, -035, -631, -632, -633, -635, -636, -671, -672, -696, -697, -698, -699, -700, -708, -712, -715, -716, -720, -847, -848, -858, -859, -860, -861, -875, -892, -893, -937, -939, -940, -979, -980, -981

Lester Nos: 14778, 14822

WAI Ref. Nos: 1-1168-01BO, 1-1461-00BO, 1-1461-01BO

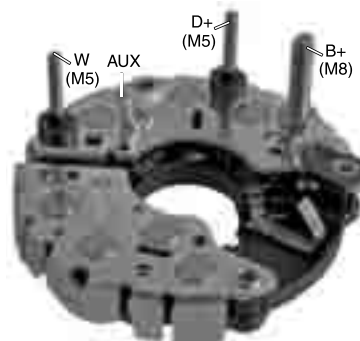
Dim: 120mm OD

M8 x 1.25 x 33mm Batt. Term.

Note: Without W-terminal. With diode trio. Similar to IBR350 except IBR350 w/ W-terminal.

Features:

- 8-50A press-fit diodes



IBR353

(Ref# 31-9149)

Rectifier

For: Bosch 469 Series 90A IR/EF Alternators

Used On: Ford New Holland, Merkur

Replaces: Bosch 1-127-320-564, -706; Ford 85GB-10304-CA

Unit Nos: Bosch 0-120-469-603, -660, -610, -661, -662, -899;

Ford 85GB-10300-LA, E7RY-10346-A, R85GB-10346-LA;

VW-Audi, 068-903-027L, 069-903-017A

Lester Nos: 12374, 14396, 14944

WAI Ref. Nos: 1-1169-01BO, 1-1471-01BO

Dim: 120mm OD

M5 x 0.8 x 20mm D+ Term. (Trio)

M5 x 0.8 x 20mm W-Term.

M8 x 1.25 x 33mm Batt. Term.

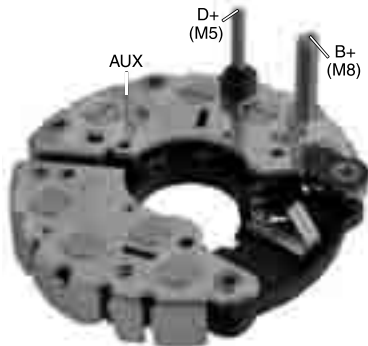
Features:

- 8-50A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

External Fan (120mm OD) (cont'd.)



IBR354
(Ref# 31-9109)
Rectifier

For: Bosch 468, 469 Series 80-115A IR/EF Alternators

Used On: (1996-86) Alfa Romeo, Audi, BMW, Jaguar, Mercedes, Porsche, Saab, Volvo, VW

Replaces: Bosch 1-127-320-551, -565, -681, -710, -723, -732, -739; Porsche 944-603-901-00; Saab 85-90-945; Volvo 9130095; VW-Audi 026-903-359

Unit Nos: Bosch 0-120-468-017, -018, -019, -020, -023, -025, -027, -052, -056, -068, -069, -070, -079, -101, -106, -109, -112, -121, -123; 0-120-469-002, -003, -011, -012, -559, -566, -586, -590, -591, -600, -611, -620, -644, -645, -648, -649, -676, -677, -689, -690, -709, -726, -727, -728, -729, -730, -731, -732, -733, -742, -743, -745, -746, -754, -768, -777, -779, -780, -782, -783, -790, -801, -802, -804, -805, -806, -808, -809, -810, -811, -812, -815, -816, -817, -822, -823, -831, -832, -834, -835, -839, -844, -862, -873, -885, -886, -887, -888, -889, -894, -896, -897, -925, -926, -927, -928, -942, -943, -946, -947, -948, -949, -950, -962, -970, -971, -972, -992, -993, -995, -996, -997, -998

Lester Nos: 13242, 13243, 13244, 13246, 13247, 13260, 13360, 13367, 14059, 14396, 14782, 14791, 14799, 14806, 14813, 14825, 14964, 14966, 14972

WAI Ref. Nos: 1-1264-01BO, 1-1265-01BO, 1-1270-01BO, 1-1283-32BO, 1-1283-35BO, 1-1283-41BO, 1-1283-45BO, 1-1297-01BO, 1-1320-01BO, 1-1325-01BO, 1-1351-01BO, 1-1351-02BO, 1-1368-01BO, 1-1388-00BO, 1-1400-01BO, 1-1463-01BO, 1-1476-00BO, 1-1476-01BO

Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.

Note: Without W-terminal, w/ anti-feedback diode. Similar to IBR357 except IBR357 w/ W-terminal.

Features:
• 8-50A press-fit diodes



IBR355
Rectifier

For: Bosch 469 Series 80-90A IR/EF Alternators

Used On: (1994-83) BMW, Saab
Replaces: BMW 12-31-1-288-457; Bosch 1-127-320-702, 1-127-320-709, 1-127-320-722; Opel 1205455, 90349855; Saab 95-13-177

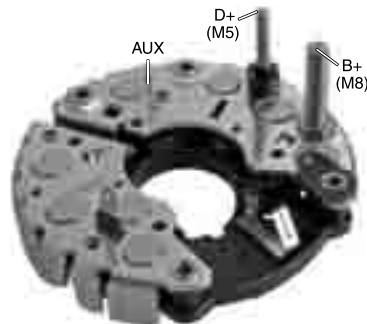
Unit Nos: Bosch 0-120-469-617, -618, -619, -641, -667, -682, -683, -684, -685, -757, -758, -759, -794, -795, -799, -800, -881

Lester Nos: 14059, 14782, 14791, 14812, 14964, 14966

WAI Ref. Nos: 1-1264-01BO, 1-1283-32BO, 1-1283-33BO, 1-1283-41BO, 1-1529-01BO

Dim: 120mm OD
M5 x 0.8 x 20mm D+ (Trio)
M8 x 1.25 x 33mm Batt. Term.

Features:
• 6-50A press-fit diodes



IBR357
(Ref# 31-9133)
Rectifier

For: Bosch 469 Series 90A IR/EF Alternators

Used On: (1993-86) VW
Replaces: Bosch 1-127-320-708, 1-127-320-731; Mercedes 000-154-79-16; VW-Audi 075-903-359

Unit Nos: Bosch 0-120-469-015, -020, -021, -663, -722, -723, -724, -734, -735, -736, -737, -738, -739, -740, -741, -774, -813, -814, -856, -857, -863, -884, -903, -904, -908, -929, -930, -931, -932, -933, -934, -953, -975, -976, -977, -991

Lester Nos: 13374, 14396, 14806, 14821, 14988

(cont'd.)

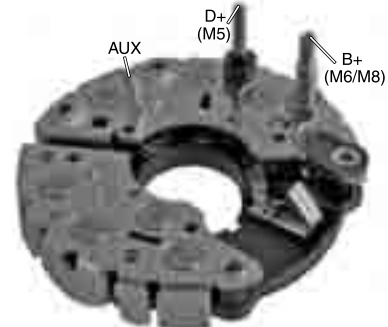
(cont'd.)

WAI Ref. Nos: 1-1388-00BO, 1-1397-01BO, 1-1466-01BO, 1-1467-01BO

Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M8 x 1.25 x 33mm Batt. Term.

Note: With W-terminal. Similar to IBR354 except IBR354 w/ W-terminal.

Features:
• 8-50A press-fit diodes



IBR712
(Ref# 31-9132)
Rectifier

For: Bosch 469 Series 80A IR/EF Alternators

Used On: (1992-87) Volvo
Replaces: Bosch 1-127-320-712, -713; Volvo 1398651

Unit Nos: Bosch 0-120-469-784, -785, -786, -793, -838, -882, -883, -909, -910, -915, -916, -923, -924, -935, -988

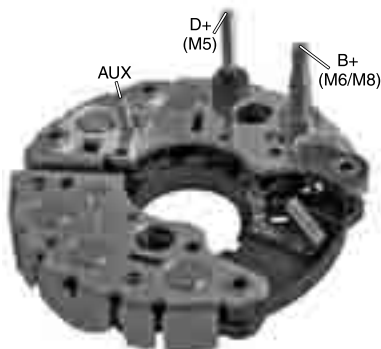
Lester Nos: 13244, 13603

WAI Ref. Nos: 1-1297-01BO, 1-1301-01BO

Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.

Features:
• 8-50A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

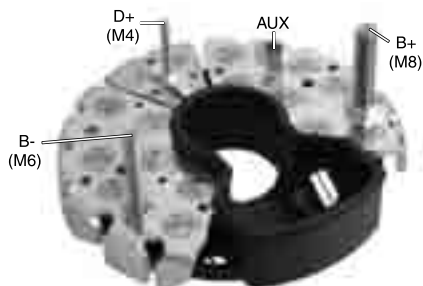


IBR713
Rectifier

For: Bosch 468 Series 100A IR/EF Alternators
Used On: (1992-87) Volvo
Replaces: Bosch 1-127-320-713; Volvo 1398640
Unit Nos: Bosch 0-120-468-009, -010, -011, -012, -015, -016; Volvo 1324956, 1363497, 1363497-7, 1363510, 1363510-7, 1363512, 1363512-3
Lester Nos: 13235, 13604
WAI Ref. Nos: 1-1300-01BO, 1-1302-01BO
Dim: 120mm OD
M5 x 0.8 x 20mm D+ Term. (Trio)
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Features:

- 6-50A press-fit diodes

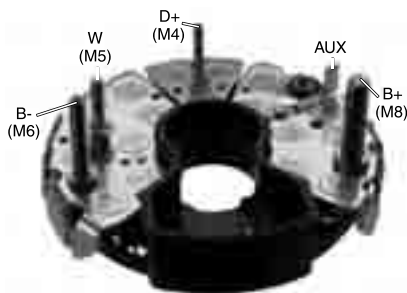
External Fan (125mm OD)



IBR340
(Ref# 31-9115)
Rectifier

For: Bosch 469 Series 55A/24V IR/EF Alternators
Used On: Mercedes, Saab Scania, Volvo Trucks
Replaces: Bosch 1-127-320-543, -655
Unit Nos: Bosch 0-120-469-521, -532
Dim: 125mm OD
M4 x 0.7 x 20mm D+ Term. (Trio)
M6 x 1.0 x 30mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:

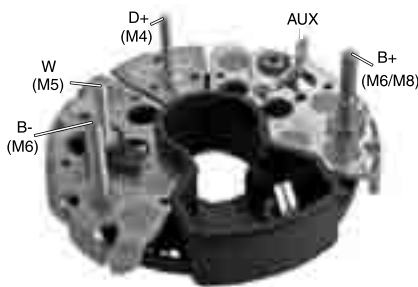
- 14-40A press-fit diodes



IBR341
(Ref# 31-9142)
Rectifier

For: Bosch 469 Series 90A IR/EF Alternators
Used On: DAF, Mercedes, Saab Scania, Volvo-White Truck
Replaces: Bosch 1-127-320-390, 1-127-320-959
Unit Nos: Bosch 0-120-469-522, -749
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:

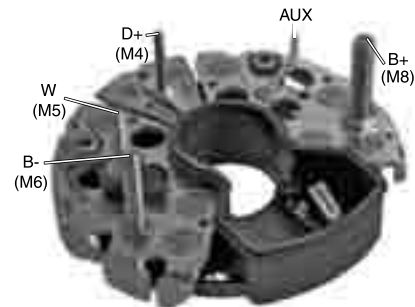
- 14-40A press-fit diodes



IBR590
(Ref# 31-9154)
Rectifier

For: Bosch 689 Series 24V IR/EF Alternators
Used On: Scania
Replaces: Bosch 1-127-320-590, -976, -977
Unit Nos: Bosch 0-120-469-643
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M6 x 1.0 x 19mm, M8 x 1.25 x 22mm Stepped Batt. Term.
Features:

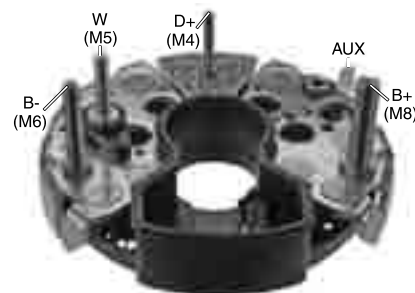
- 8-40A press-fit diodes
- 3-25A Diode Trio



IBR904
(Ref# 31-9155)
Rectifier

For: Bosch 469 Series 24V IR/EF Alternators
Used On: Leyland-DAF, Scania, Volvo Truck
Replaces: Bosch 1-127-320-904, -968; Volvo 68092
Unit Nos: Bosch 0-120-469-041, -796, -963, -983
Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:

- 8-40A press-fit diodes
- 3-25A diode trio



IBR955
(Ref# 31-9156)
Rectifier

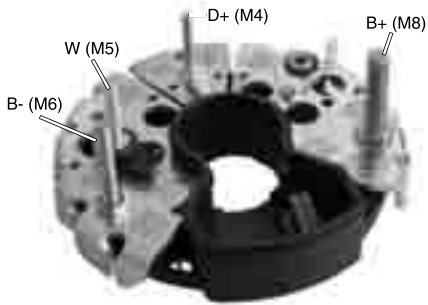
For: Bosch 468, 488 Series 24V IR/EF Alternators
Used On: DAF, KHD, MAN, Scania, Volvo Truck
Replaces: Bosch 1-127-320-924, -951, -955, -980, -981; Renault 5001831957, Volvo 1698182
Unit Nos: Bosch 0-120-468-037; 0-120-488-208, -273
Dim: 125mm OD
M4 x 0.7 x 29mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.
Features:

- 8-40A press-fit avalanche diodes
- 3-25A diode trio

ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

External Fan (125mm OD) (cont'd.)



IBR989
Rectifier

For: Bosch 468 Series 55-80A/24V IR/EF Alternators

Used On: Iveco, KHD, Mercedes, Scania, Volvo

Replaces: Bosch 1-127-320-969, -989; DAF 1311304. Iveco 93193789, KHD 1318310, MAN 81-26109-0018, Mercedes 001-154-21-16, Renault 5010-844-263, Scania 1387615; Volvo 3090260, 3090262, 11704308

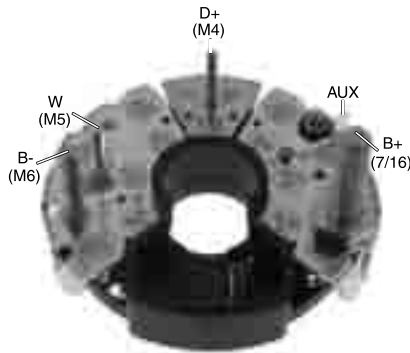
Unit Nos: Bosch 0-120-468-053, 0-120-468-107, 0-120-468-114, 0-120-468-131; DAF 091295; Iveco 8007700; KHD 1178511; MAN 51-26101-7192, 51-26101-7195; Mercedes 007-154-92-02, 007-154-99-02; Scania 1336136, 1394969; Volvo 1089862

Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 29mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
M8 x 1.25 x 33mm Batt. Term.

Note: With diode trio.

Features:

- 8-50A press-fit avalanche diodes
- 3-25A diode trio



IBR954
(Ref# 31-9143)
Rectifier

For: Bosch 468 Series 110-135A IR/EF Alternators

Used On: Case, IHC, John Deere

Replaces: Bosch 1-127-320-920, 1-127-320-954; IHC 1964732C1

Unit Nos: Bosch 0-120-468-028, -055

Lester Nos: 12131

WAI Ref. Nos: 1-2045-01BO

Dim: 125mm OD
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 22mm W-Term.
M6 x 1.0 x 33mm Grd. Term.
7/16-14 Batt. Term.

Note: With diode trio

Features:

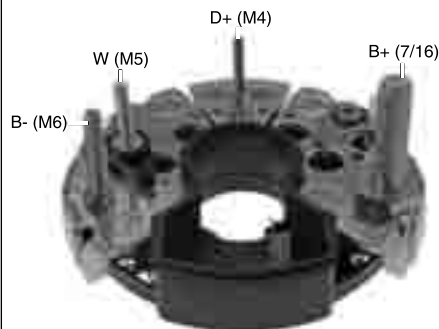
- 14-40A press-fit diodes

IBR954A
Rectifier

Same as IBR954 except...

Features:

- 8-50A press-fit avalanche diodes
- 3-25A diode trio



IBR957
Rectifier

For: Bosch 468 Series 65-80A/24V IR/EF Alternators

Used On: Case, John Deere

Replaces: Bosch 1-127-320-957

Unit Nos: Bosch 0-120-468-054, -136, -147; Cummins 3923624;

John Deere AT168711, AT208541

Lester Nos: 12149, 12157

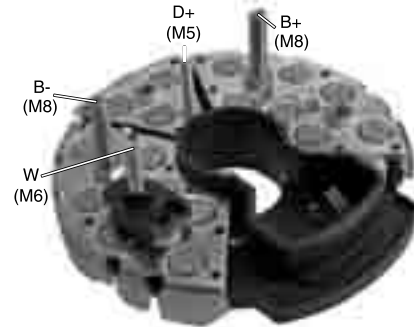
Dim: 125mm OD
7/16-14 Batt. Term.
M4 x 0.7 x 22mm D+ Term. (Trio)
M5 x 0.8 x 22mm W-Term.
M6 x 1.0 x 33mm Grd. Term.

Note: With diode trio.

Features:

- 8-50A press-fit avalanche diodes
- 3-25A diode trio

External Fan (145mm OD)



IBR547
Rectifier

For: Bosch 689 Series 75-105A/24V IR/EF Alternators

Used On: MAN Bus

Replaces: Bosch 1-127-320-547, 1-127-320-571; DAF 698217, 698670;

Deutz-Allis 1309660; Iveco 8122274; KHD 1309660; MAN 81-26109-0002,

81-26109-0007; Mercedes 000-154-19-16, 000-154-48-16,

000-154-51-16, 000-154-77-16; Renault 5000-809-526; Scania 419491;

Volvo 696002, 698670, 11995018

Unit Nos: Bosch 0-120-489-503; 0-120-689-503, -504, -505, -506, -507, -508, -510, -512, -514, -515, -516, -523, -524, -525, -623

Dim: 145mm OD
M5 x 0.8 x 25mm D+ (Trio)
M6 x 1.0 x 25mm W-Term.

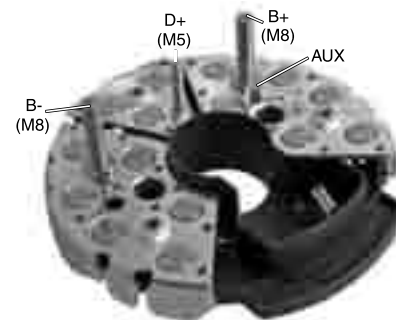
M8 x 1.25 x 33mm Batt. Term.

M8 x 1.25 x 33mm Grd. Term.

Note: For 12-diode version use IBR550.

Features:

- 14-40A press-fit diodes
- 3-25A diode trio



IBR550
Rectifier

For: Bosch 689 Series 110-140A/24V IR/EF Alternators

Used On: MAN Bus

Replaces: Bosch 1-127-320-550,

DAF 696002, KHD 1320547,

MAN 81-26109-0008,

Mercedes 000-154-54-16,

Scania 424968, Volvo 1698762

(cont'd.)

ALTERNATOR - RECTIFIERS (TRANSPO)

(cont'd.)

Unit Nos: Bosch 0-120-689-511, -513, -517, -518, -520, -521, -522, -526, -527, -528, -530, -531;
Mercedes 006-154-21-02, 007-154-28-02

Lester Nos: 12376

Dim: 145mm OD

M5 x 0.8 x 25mm D+ Term. (Trio)

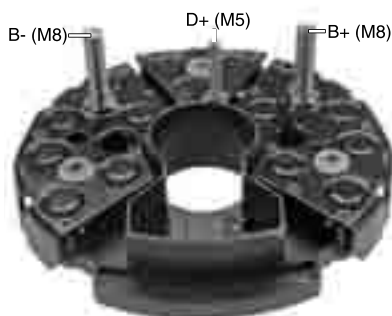
M8 x 1.25 x 20mm Batt. Term.

M8 x 1.25 x 20mm Grd. Term.

Note: For 14-diode version use IBR547.

Features:

- 12-40A press-fit diodes
- 3-25A diode trio



IBR973
Rectifier

For: Bosch 689 Series 110-140A/24V IR/EF Alternators

Used On: MAN Bus, Mercedes Truck, Renault Agora Bus

Replaces: Bosch 1-127-320-973, DAF 1287819, Iveco 93163820, KHD 1319100, MAN 81-26109-0023, Scania 1347012, Volvo 3097306

Unit Nos: Bosch 0-120-689-532, 0-120-689-535, 0-120-689-538, 0-120-689-540, 0-120-689-545, 0-120-689-550, 0-120-689-557, 0-120-689-566; Iveco 4831585; KHD 1181180; MAN 51-26101-7222; Mercedes 008-154-78-02, 009-154-09-02, 012-154-47-02, 012-154-50-02; Renault 5010-390-082

Lester Nos: 12376, 12377

Dim: 145mm OD

M5 x 0.8 x 25mm D+ Term. (Trio)

M8 x 1.25 x 32mm Batt. Term.

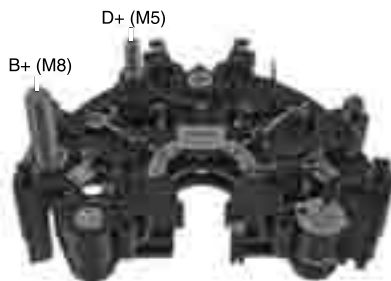
M8 x 1.25 x 32mm Grd. Term.

Note: With diode trio.

Features:

- 12-50A press-fit avalanche diodes

Internal Fan (112mm OD)



IBR844
(Ref# 31-9124)
Rectifier

For: Bosch 70-90A IR/IF Alternators

Used On: (2000-91) Mercedes, Saab

Replaces: Bosch 1-127-319-510, 1-127-319-593, 1-127-319-730, 1-127-320-807, 1-127-320-844, 1-127-320-864;

Mercedes 000-154-98-16

Unit Nos: Bosch 0-113-320-040;

0-120-485-011, -012, -022;

0-123-310-005, -008, -041;

0-123-315-005, -501; 0-123-320-010, -011, -029, -039, -040, -041, -042, -043, -044, -045, -046, -047, -049, -051, -057, -060, -061, -062, -065; 0-123-325-007; 0-123-335-002, -003, -004, -005, -006, -008; 0-123-340-006, -007

Lester Nos: 13376, 13610, 13613, 13811

WAI Ref. Nos: 1-1846-01BO,

1-1909-00BO, 1-1909-01BO, 1-1950-01BO,

1-1950-42BO, 1-1950-44BO, 1-1950-45BO

Dim: 112mm OD

M5 x 0.8 x 20mm D+ Term. (Trio)

M8 x 1.25 x 33mm Batt. Term.

Note: With W-terminal & avalanche diodes

Features:

- 6-50A press-fit avalanche diodes



IBR852
(Ref# 31-9121)
Rectifier

For: Bosch 70-90A IR/IF Alternators

Used On: (2002-93) VW

Replaces: Bosch 1-127-319-552, 1-127-319-728, 1-127-320-852;

VW-Audi 028-903-359B, C, J

(cont'd.)

(cont'd.)

Unit Nos: Bosch 0-120-335-007, 0-120-340-003; 0-120-485-034, -043, -044; 0-123-310-001, -002, -003, -018, -019, -020, -024, -025, -032, -034, -035, -037, -038, -039, -040, -046, -049; 0-123-315-001, -002, -006, -021, -501; 0-123-320-005, -006, -007, -008, -017, -018, -019, -024, -027, -031, -032, -034, -036, -037, -038, -063; 0-123-340-003; 0-986-038-070, -370, -380, -390

Lester Nos: 13380, 13381, 13606, 13831, 13832, 13902, 13903

WAI Ref. Nos: 1-1539-01BO, -02BO; 1-1809-01BO, 1-1813-01BO, -02BO; 1-2453-01BO

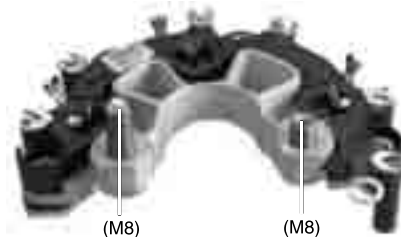
Dim: 112mm OD

M8 x 1.25 x 33mm Batt. Term.

Features:

- 6-50A press-fit avalanche diodes

Internal Fan (120mm OD)



IBR200
Rectifier

For: Bosch 120A IR/IF Alternators

Used On: (2005-97) Porsche, Opel, Saturn

Replaces: Bosch F-00M-133-200, Opel 9117941

Unit Nos: Bosch 0-124-515-001, -004, -005, -006, -008, -015, -016, -023, -031, -032, -033, -099; B-120-516-147, GM/Opel 22674549, 22674550, 90585955, Porsche 996-603-012-00, -01

Lester Nos: 13804, 13805, 13810

WAI Ref. Nos: 1-2255-01BO, 1-2256-01BO

Dim: 120mm OD

M8 x 1.25 Batt. Term.

M8 x 1.25 Auxiliary Term.

Note: Delta stator application.

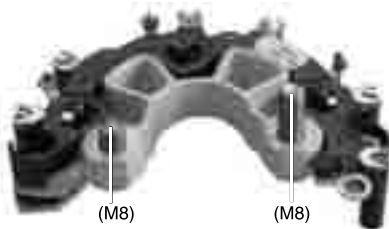
Features:

- 6-50A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

BOSCH

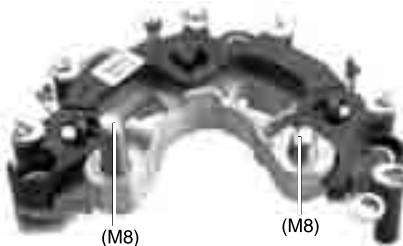
Internal Fan (120mm OD) (cont'd.)



IBR201 Rectifier

For: Bosch 105-140A IR/IF Alternators
Used On: (2005-99) Audi, Dodge Sprinter Van, Mercedes, Oldsmobile, Pontiac, VW, Volvo
Replaces: Bosch F-00M-133-201, -205, -228, -241, -246; VW 038-903-359
Unit Nos: Bosch 0-124-515-010, -011, -012, -017, -019, -024, -034, -039, -045, -046, -054, -056, -061, -064, -088, -100; 6-004-MA5-011
Lester Nos: 12383, 13770, 13801, 13802, 13853, 13884, 13904, 13951, 13954
WAI Ref. Nos: 1-2244-11BO, 1-2245-11BO, 1-2399-01BO, 1-2402-01BO, 1-2521-01BO
Dim: 120mm OD
 M8 x 1.25 Batt. Term.
 M8 x 1.25 Auxiliary Term.
Note: For delta stator application.
Features:

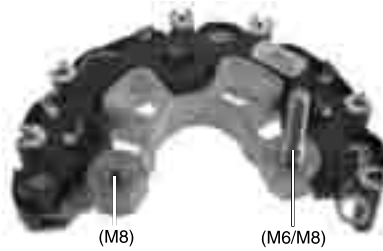
- 6-50A press-fit avalanche diodes



IBR202 Rectifier

For: Bosch 100-105A IR/IF Alternators
Used On: Opel, Ford (Europe)
Replaces: Bosch F-00M-123-202, Opel 9120217
Unit Nos: Bosch 0-124-415-001, 0-124-415-002, 0-124-415-005, 0-124-415-006, 0-124-415-008, 0-124-415-009, 0-124-415-010; Ford 98BB-10300-BC, -BD, -BE; Opel 1204054, 90561168, 9117934, 9119309, 9132653
Dim: 120mm OD
 M8 x 1.25 Batt. Term.
 M8 x 1.25 Auxiliary Term.
Note: Delta stator application.
Features:

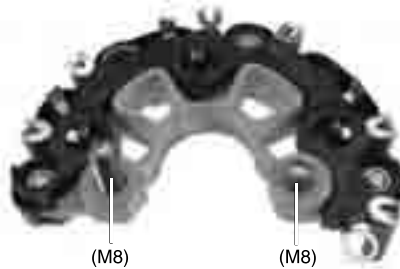
- 6-50A press-fit avalanche diodes



IBR222 Rectifier

For: Bosch 130A IR/IF Alternators
Used On: (2002-01) Chevrolet, GMC
Replaces: Bosch F-00M-133-222
Unit Nos: Bosch 6-004-MLO-024, Delco 15755900
Lester Nos: 13860
WAI Ref. Nos: 1-2510-01BO
Dim: 120mm OD
 M6 x 1.0, M8 x 1.25 Stepped Batt. Term.
Note: Delta stator application.
Features:

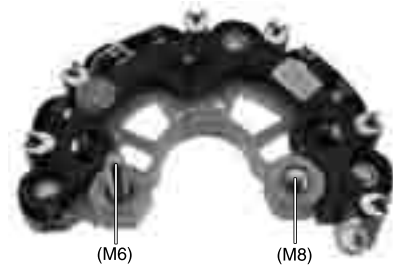
- 6-50A press-fit avalanche diodes



IBR224 Rectifier

For: Bosch 80-100A/24V IR/IF Alternators
Used On: Mercedes-Benz Trucks
Replaces: Bosch F-00M-133-224, Mercedes 001-154-36-16
Unit Nos: Bosch 0-124-555-007, -008, -012, -016, -021, -023, -025; 0-124-655-007; Cummins, 3357747; Scania 0518064, 1442788, 1475569, 1475570
Dim: 120mm OD
 M8 x 1.25 Batt. Term.
Note: Delta stator application. Affiliate Regulator IB298
Features:

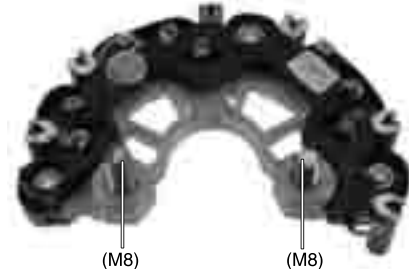
- 6-60A press-fit avalanche diodes



IBR233 Rectifier

For: Bosch 75A IR/IF Alternators
Used On: Ford Transit (Europe)
Replaces: Bosch F-00M-123-233
Unit Nos: Bosch 0-124-315-019, 0-124-315-027, 0-124-325-100; Ford YC1T-10300-BC, BD, BE, BG, BH, BJ
Dim: 120mm OD
 M6 x 1.0 Batt. Term.
 M8 x 1.25 Batt. Term.
Note: Y-wound stator applications
Features:

- 6-50A press-fit avalanche diodes



IBR238 Rectifier

For: Bosch 70-90A IR/IF Alternators
Used On: Toyota (non-USA)
Replaces: Bosch F-00M-123-238
Unit Nos: Bosch 0-124-315-015, -016, -024, -025, -029, -033, -034; 0-124-325-079, -165
Dim: 120mm OD
 M8 x 1.25 Batt. Term.
 M8 x 1.25 Auxiliary Term.
Note: Y-wound stator applications
Features:

- 6-50A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IBR244
Rectifier

For: Bosch 70-90A IR/IF Alternators
Used On: (2005-98) Audi, Dodge Sprinter Van, VW

Replaces: Bosch F-00M-123-201, -244, -227

Unit Nos: Bosch 0-124-225-010; 0-124-315-001, -002, -003, -004, -005, -006, -007, -008, -010, -011, -013, -014; 0-124-320-001; 0-124-325-001, -002, -003, -004, -011, -012, -013, -014, -015, -016, -017, -019, -020, -032, -033, -036, -037, -039, -040, -043, -045, -055, -093

Lester Nos: 12382, 13849, 13850, 13851, 13852, 13921

WAI Ref. Nos: 1-2452-01BO, 1-2519-01BO, 1-2520-01BO

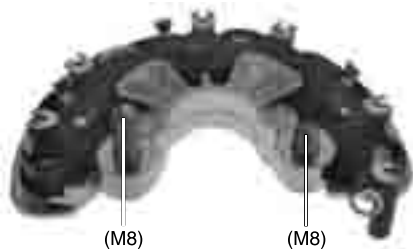
Dim: 120mm OD

Note: For Y-wound stator applications.

Features:

- 6-50A press-fit avalanche diodes

Internal Fan (130mm OD)



IBR211
Rectifier

For: Bosch 120A IR/IF Alternators

Used On: (2001-00) Saturn

Replaces: Bosch F-00M-133-211

Unit Nos: Bosch 0-124-515-043, Delco 21019217, 22674550

Lester Nos: 13805

WAI Ref. Nos: 1-2256-01BO

Dim: 130mm OD

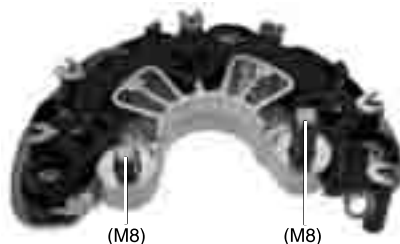
M8 x 1.25 Batt. Term.

M8 x 1.25 Auxiliary Term.

Note: Delta stator application.

Features:

- 6-50A press-fit avalanche diodes



IBR215
(Ref# 31-9148)
Rectifier

For: Bosch 125A IR/IF Alternators

Used On: (2004-99) Chevrolet, Oldsmobile, Pontiac

Replaces: Bosch F-00M-133-215, F-00M-133-218, F-00M-133-247

Unit Nos: Bosch 6-004-ML0-017, 6-004-ML0-021; Delco 10288764, 10418889

Lester Nos: 13771

WAI Ref. Nos: 1-2234-01BO

Dim: 130mm OD

M8 x 1.25 Batt. Term.

M8 x 1.25 Auxiliary Term.

Note: For delta stator application.

Features:

- 6-50A press-fit avalanche diodes



IBR277
Rectifier

For: Bosch 150A IR/IF Alternators

Used On: (2005) Cadillac, Chevrolet, GMC

Replaces: Bosch F-00M-133-277

Unit Nos: Bosch 0-124-525-072, Delco 10371020, 15200269

Lester Nos: 11075

WAI Ref. Nos: 1-2559-21BO

Dim: 130mm OD

M6 x 1.0 x 38mm Batt. Term.

Note: Delta stator application.

Features:

- 6-50A press-fit avalanche diodes

CHRYSLER



CR3050
(Ref# 31-304-1)
Rectifier

For: Chrysler 40/90A, 50/120A ER/EF Alternators

Replaces: Chrysler 4364855, 4467162, 5226009

Dim: 5mm Mtg. Holes

Note: Without terminal.

For version w/ terminal use CR3051

Features:

- 50A button diodes
- Aluminum heat sink



CR3051
(Ref# 31-304)
Rectifier

For: Chrysler 40/90A, 50/120A ER/EF Alternators

Replaces: Chrysler 4364855, 4433145, 4467162, 5226009, 5226096

Dim: 5mm Mtg. Holes

M6 x 1.0 Term.

Note: For version wo/ terminal use CR3050.

Features:

- 50A button diodes
- Aluminum heat sink

CR3053
(Ref# 31-304-2)
Rectifier

Same as CR3051 except...

Features:

- Heavy Duty
- 70A button diodes
- Aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

CHRYSLER (cont'd.)



CR3040-1

(Ref# 31-301-1)

Rectifier - Positive

For: Chrysler Square Back, Revised Square Back ER/IF Alternators

Replaces: Chrysler 3438727, 3874268, 3874269, 3874343, 4026082, 4026083, 4026282, 4240488

Dim: 1/4-20 Term.

Components:

31-3400 Diode Lead

Features:

- 3-25A button diodes
- Aluminum heat sink

CR3042-1

(Ref# 31-301-2)

Rectifier - Positive

Same as CR3040-1 except...

Features:

- Heavy Duty
- 3-50A button diodes
- Aluminum heat sink



CR3046

(Ref# 31-301)

Rectifier - Positive

For: Chrysler Square Back Series ER/IF Alternators

Replaces: Chrysler 3438727, 3874268, 3874269, 3874343, 4026082, 4026083, 4026282, 4240488

Note: Without terminal.

For version w/ terminal use CR3040-1.

Components:

31-3400 Diode Lead

Features:

- 3-25A button diodes
- Aluminum heat sink



CR3041-1

(Ref# 31-300)

Rectifier - Negative

For: Chrysler Square Back, Revised Square Back ER/IF Alternators

Replaces: Chrysler 3438721, 3755114

Components:

31-3400 Diode Lead

Features:

- 3-25A button diodes
- Aluminum heat sink

CR3043-1

(Ref# 31-300-1)

Rectifier - Negative

Same as CR3041-1 except...

Features:

- Heavy Duty
- 3-50A button diodes
- Aluminum heat sink



CR3100

(Ref# 31-303)

Rectifier - Positive

For: Chrysler 100-114A ER/EF Alternators

Replaces: Chrysler 3755631, 4026303

Features:

- 6-Button diodes, 25 Amp
- Copper heat sinks



CR3101

(Ref# 31-302)

Rectifier - Negative

For: Chrysler 100-114A ER/EF Alternators

Replaces: Chrysler 3755627

Features:

- 6-Button diodes, 25 Amp
- Copper heat sinks

DELCO

10DN Series



31-100

(Ref# DR5036)

Rectifier - Positive

For: Delco 10DN Series ER/EF Alternators

Replaces: Delco 1959828, D3978

Note: For negative diodes use 32-111.

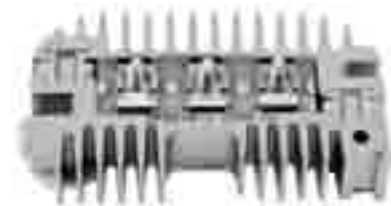
Components:

32-112 Positive Diode

Features:

- 3-35A press-fit diodes

10SI Series



DR5040-1

(Ref# 31-101)

Rectifier

For: Delco 10SI, 20SI, 30SI/TR Series IR/EF Alternators

Replaces: Delco 1971987, 1984638, D3915

Features:

- 6-25A button diodes
- Heat sink tunnel for additional air flow to cool diode trio

DR5042-1

(Ref# 31-101-1)


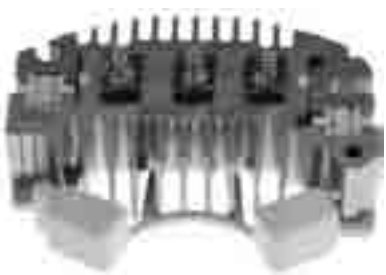

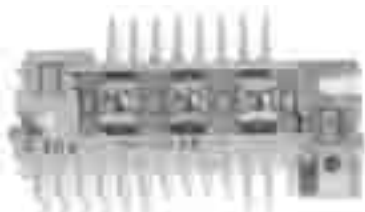



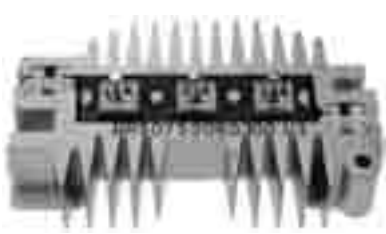

Rectifier

Same as DR5040-1 except...

Features:

- Heavy Duty
- 6-50A button diodes
- Heat sink tunnel for additional air flow to cool diode trio

ALTERNATOR - RECTIFIERS (TRANSPO)

	12SI Series	15SI Series
 <p>DR5045 (Ref# 31-124) Rectifier</p> <p>For: Delco 10SI Series Positive Grd. IR/EF Alternators</p> <p>Features:</p> <ul style="list-style-type: none"> • 6-25A button diodes • Heat sink tunnel for additional air flow to cool diode trio 	 <p>DR5050-1 (Ref# 31-102) Rectifier</p> <p>For: Delco 12SI Series 56-78A IR/EF Alternators</p> <p>Replaces: Delco 1984454, D3924</p> <p>Features:</p> <ul style="list-style-type: none"> • 6-25A button diodes 	 <p>DR5070-1 (Ref# 31-104) Rectifier</p> <p>For: Delco 15SI Series 70A Negative Grd. IR/EF Alternators</p> <p>Replaces: Delco 1975313, D3919</p> <p>Features:</p> <ul style="list-style-type: none"> • 6-25A button diodes
 <p>31-101-4 Rectifier</p> <p>For: Delco 10SI/Type 136, 20SI Series IR/EF Alternators</p> <p>Used On: Caterpillar and Heavy-Duty Farm Applications</p> <p>Replaces: Delco 1971987, 1984638, D3915</p> <p>Components:</p> <ul style="list-style-type: none"> 31-1401 Diode Lead 31-1603 Terminal Block 32-735 Diode <p>Features:</p> <ul style="list-style-type: none"> • 50A button diodes • Open base design for better cooling & less dirt retention 	 <p>DR5052 (Ref# 31-102-1) Rectifier</p> <p>Same as DR5050-1 except...</p> <p>Features:</p> <ul style="list-style-type: none"> • Heavy Duty • 6-50A button diodes 	 <p>DR5072 (Ref# 31-104-1) Rectifier</p> <p>Same as DR5070-1 except...</p> <p>Features:</p> <ul style="list-style-type: none"> • Heavy Duty • 6-50A button diodes
 <p>DR5054-1 (Ref# 31-103) Rectifier</p> <p>For: Delco 12SI Series 94A IR/EF Alternators</p> <p>Replaces: Delco 1987061, D3986</p> <p>Features:</p> <ul style="list-style-type: none"> • 6-50A button diodes • Bidirectional fins 	 <p>DR5075 (Ref# 31-125) Rectifier</p> <p>For: Delco 15SI Series 70A Positive Grd. IR/EF Alternators</p> <p>Features:</p> <ul style="list-style-type: none"> • 6-50A button diodes 	
 <p>DR5056 (Ref# 31-103-1) Rectifier</p> <p>Same as DR5054-1 except...</p> <p>Features:</p> <ul style="list-style-type: none"> • Heavy Duty • 6-70A button diodes • Bidirectional fins 		

ALTERNATOR - RECTIFIERS (TRANSPO)

DELCO

17SI Series



DR5170-1
(Ref# 31-105)

Rectifier

For: Delco 17SI Series 97-108A IR/EF Alternators

Replaces: Delco 1985801, D3985

Features:

- 9-25A button diodes (6-positive & 3-negative)

DR5172
(Ref# 31-105-1)

Rectifier

Same as DR5170-1 except...

Features:

- Heavy Duty
- 9-50A button diodes (6-positive & 3-negative)



DR1867
(Ref# 31-107)

Rectifier - Negative

For: Delco 25SI Series Positive Grd. IR/EF Alternators

Replaces: Delco 1971867

Note: Negative rectifier assembly for positive ground system. Black color wires.

Features:

- 35A press-fit diodes



31-109-2
(Ref# DR5082)

Rectifier - Neg. Grd.

For: Delco 27SI/Type 100, 200; 29SI, 30SI Series Negative Grd. IR/EF Alternators

Replaces: Delco 801816, 1875645, 1892914, D3983

Features:

- 6-50A button diodes
- Epoxy vibration protection
- Ideal for Detroit Diesel applications

27SI Series



DR5080-1
(Ref# 31-109)

Rectifier - Neg. Grd.

For: Delco 27SI/Type 100, 200; 29SI, 30SI Series Negative Grd. IR/EF Alternators

Replaces: Delco 801816, 1875645, 1892914, D3983

Features:

- 6-25A button diodes



DR5085
(Ref# 31-110)

Rectifier - Pos. Grd.

For: Delco 27SI/Type 200, 30SI Series Positive Grd. IR/EF Alternators

Replaces: Delco 1852744, 1875812

Features:

- 6-50A button diode

25SI, 26SI Series



DR1670
(Ref# 31-108)

Rectifier - Positive

For: Delco 25SI, 26SI Series Negative Grd. IR/EF Alternators

Replaces: Delco 1851437, 1969132, 1971670

Note: Positive rectifier assembly for negative ground system. Red color wires.

Components:

31-1300 Insulators
46-1155 Terminal Posts

Features:

- 35A press-fit diodes

DR5082-2

(Ref# 31-109-1)

Rectifier - Neg. Grd.

Same as DR5080-1 except...

Features:

- Heavy Duty
- 6-50A button diodes

DR5082HD

(Ref# 31-109-2)

Rectifier - Neg. Grd.

Same as DR5082-2 except...

Note: Heavy duty, vibration protected version of DR5082-2.

Features:

- Heavy Duty
- 6-70A diodes
- Heat-staked for vibration protection

ALTERNATOR - RECTIFIERS (TRANSPO)

AD230, AD237, AD244 Series



DR4400-1
(Ref# 31-135)
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators

Replaces: Delco 10494744

Unit Nos: Delco 10480229, 10480241, 10480271, 10480326, 10480388, 10480411, 10480479, 10480497, 15087020, 15087021, 15087023, 15755616, 15768829, 15769252, 25744164

Lester Nos: 8238, 8245, 8247, 8273, 8285, 8291

Dim: M6 x 1.0 Batt. Term.

Note: For version w/ M8 Battery Terminal use DR4401.

For later style version w/ M6 Battery Terminal & Threaded Collar use DR4402.

Features:

- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- Improved lead frame conductors
- Improved B+ post integrity

DR4400HD-1
(Ref# 31-134)
Rectifier

Same as DR4400-1 except...

Features:

- Heavy Duty
- 50A press-fit avalanche diodes



DR4402
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators

Replaces: Delco 10494744

Unit Nos: Delco 10480229, 10480241, 10480271, 10480326, 10480388, 10480411, 10480479, 15087020, 15087021, 15087023, 15755616, 15768829, 15769252, 25744164

Lester Nos: 8238, 8245, 8247, 8273, 8285, 8291, 8490, 8491

Dim: M6 x 1.0 Batt. Term.

Note: For version w/ M8 Battery Terminal use DR4403

(cont'd.)

(cont'd.)

Features:

- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- M6 battery terminal has unique screw-down collar to accept early & late design regulators

DR4402HD
Rectifier

Same as DR4402 except...

Features:

- Heavy Duty
- 50A press-fit avalanche diodes



DR4401
(Ref# 31-137)
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators

Replaces: Delco 19055072

Unit Nos: Delco 10333165, 10333166, 10442782, 10442783

Lester Nos: 8287, 8288, 8289

Dim: M8 x 1.25 Batt. Term.

Note: For version w/ M6 Battery Terminal use DR4400-1.

For later style version w/ M8 Battery Terminal & Threaded Collar use DR4403.

Features:

- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- Improved lead frame conductors
- Improved B+ post integrity

DR4401HD
Rectifier

Same as DR4401 except...

Features:

- Heavy Duty
- 50A press-fit avalanche diodes



DR4403
Rectifier

For: Delco AD230 Series 105A IR/IF Alternators

Replaces: Delco 19055072

Unit Nos: Delco 10333165, 10333166, 10442782, 10442783

Lester Nos: 8287, 8288, 8289

Dim: M8 x 1.25 Batt. Term.

Note: For version w/ M6 Battery Terminal use DR4402

Features:

- 40A press-fit avalanche diodes
- Crimp-weld diode terminations
- M8 battery terminal has unique screw-down collar to accept early & late design regulators

DR4403HD
Rectifier

Same as DR4403 except...

Features:

- Heavy Duty
- 50A press-fit avalanche diodes

CS121, CS130 Series



DR4000
(Ref# 31-136)
Rectifier

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 1989658, 10456401, 10457236, 10457690, 10470730, 10472597, 10480569, D3991

Features:

- Premium
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame
- Patented "Ram-Air" aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

DELCO

CS121, CS130 Series (cont'd.)

DR4000HD

(Ref# 31-136-HD)

Heavy Duty Rectifier

Same as DR4000 except...

Features:

- Heavy Duty
- 50A press-fit avalanche diodes, OE validated

DR4002

(Ref# 31-136-2)

Rectifier

Same as DR4000 except...

Features:

- Best Value
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame

CS121D Series



DR1200

(Ref# 31-123)

Rectifier

For: Delco CS121D Series IR/IF Alternators

Used On: (2002-97) Saturn

Replaces: Delco 10492300

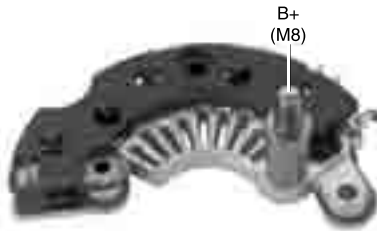
Unit Nos: Delco 21023969, 21024727

Lester Nos: 8232

Features:

- 40A press-fit avalanche diodes
- Welded diode terminations
- Hi-temperature lead frame

CS130D Series



DR4200

(Ref# 31-133-1)

Rectifier

For: Delco CS130D Series IR/IF Alternators

Used On: (2005-93) Acura, Buick, Chevrolet, GMC, Honda, Oldsmobile, Pontiac

Replaces: Delco 10475757, 10475758, 10492837

Dim: M8 x 1.25 Batt. Term.

Features:

- Premium
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame
- Patented "Ram-Air" aluminum heat sink
- Includes battery terminal

DR4200HD

(Ref# 31-133-HD)

Rectifier

Heavy Duty

Same as DR4200 except...

Features:

- Heavy Duty
- 50A press-fit avalanche diodes, OE validated

DR4202

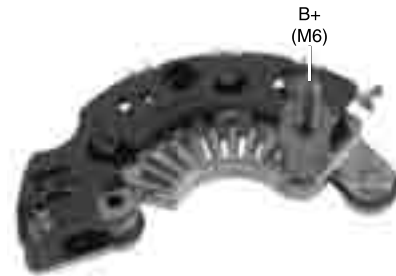
(Ref# 31-133-2)

Rectifier

Same as DR4200 except...

Features:

- Best Value
- 40A press-fit avalanche diodes, OE validated
- Welded diode terminations
- Hi-temperature lead frame
- Includes battery terminal



DR4220

(Ref# 31-122)

Rectifier

For: Delco CS130D Series IR/IF Alternators

Used On: (2002-97) Acura, Honda

Replaces: (case stamped 758)

Unit Nos: Delco 10480228;

Honda 31100-P8A-A01, -A02;

31100-P8C-A01, -A02

Lester Nos: 8220

Dim: M6 x 1.0 Batt. Term.

Features:

- 40A press-fit avalanche diodes, OE validated
- Patent ram-air aluminum heat sink
- Welded diode terminations
- Heavy duty stator terminals
- Hi-temperature lead frame

CS144 (Early), 21SI, 22SI Series



DR5173-1

(Ref# 31-106)

Rectifier

For: Delco 17SI Series 120A; 21SI, 22SI, 23SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1988976, D3987

Note: For version w/ 3-avalanche diodes use DR5175.

For version w/ 6-avalanche diodes use DR5174.

Features:

- 6-jumbo button diodes (non-avalanche)
- Wide-fin heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

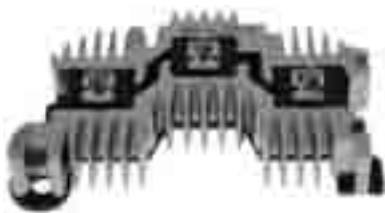


DR5173PF
Rectifier

Same as DR5173-1 except...

Features:

- Heavy Duty
- 6-50A press-fit diodes (non-avalanche)
- Crimp-weld diode connections
- Heavy copper conductors
- Wide-fin heat sinks



DR5174-1
(Ref# 31-119)
Rectifier

For: Delco 21SI, 22SI, 23SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 10469265, D3929

Note: DR5174 can be used to replace DR5175 (31-114) w/ 3-avalanche diodes. For version wo/ avalanche diodes use DR5173-1 (31-106).

Features:

- 6-button avalanche diodes
- Wide-fin heat sinks



DR5174PF
Rectifier

Same as DR5174-1 except...

Features:

- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Wide-fin heat sinks



DR5175
(Ref# 31-114)
Rectifier

For: Delco 21SI, CS144 Series IR/EF Alternators

Replaces: Delco 1989774, 10471170, D3931

Note: For version w/ 6-avalanche diodes use DR5174 (31-119).

For version wo/ avalanche diodes use DR5173-1 (31-106).

Features:

- 3-Positive jumbo button diodes
- 3-Negative jumbo button avalanche diodes
- Wide-fin heat sinks



DR5175PF
Rectifier

Same as DR5175 except...

Features:

- Heavy Duty
- 3-50A positive press-fit diodes
- 3-50A negative press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Wide-fin heat sinks



DR5176
(Ref# 31-115)
Rectifier

For: Delco 17SI Series 120A; 21SI, CS144 Series IR/EF Alternators

Replaces: Delco 10467052, D3990

Note: For version w/ 6-avalanche diodes use DR5177 (31-116).

Features:

- 3-Positive jumbo button diodes
- 3-Negative jumbo button avalanche diodes
- Saw-fin heat sinks

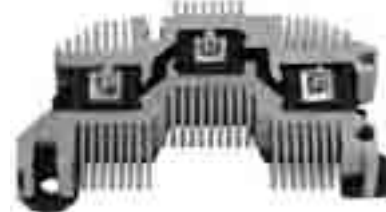


DR5176PF
Rectifier

Same as DR5176 except...

Features:

- Heavy Duty
- 3-50A positive press-fit diodes
- 3-50A negative press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Saw-fin heat sinks



DR5177
(Ref# 31-116)
Rectifier

For: Delco 21SI, 22SI, 23SI, CS144 Series IR/EF Alternators

Replaces: Delco 10470609, D3992

Note: DR5177 can be used to replace DR5176 (31-115) w/ 3-avalanche diodes

Features:

- 6-jumbo button avalanche diodes
- Saw-fin heat sinks



DR5177PF
Rectifier

Same as DR5177 except...

Features:

- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Saw-fin heat sinks

ALTERNATOR - RECTIFIERS

ALTERNATOR - RECTIFIERS (TRANSPO)

DELCO

CS144 (Late, 140 Amp)



DR5178
(Ref# 31-118)
Rectifier

For: Delco CS144 Series 140A IR/EF Alternators

Used On: (1997-93) Cadillac w/ Heated Windshield Option

Replaces: Delco 10475800

Unit Nos: Delco 10479996

Lester Nos: 8170

Note: With 1-recessed mtg. hole. For version wo/ recessed mtg. hole use DR5179 (31-117).

Features:

- 6-jumbo button avalanche diodes
- Recessed mounting hole

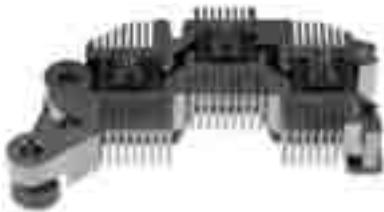


DR5178PF
Rectifier

Same as DR5178 except...

Features:

- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors
- Recessed mounting hole



DR5179
(Ref# 31-117)
Rectifier

For: Delco CS144 Series 124-140A IR/EF Alternators

Replaces: Delco 10472095

Note: Used w/ 22-133, 22-134, 22-142 S.R.E. frames.

For version w/ recessed Mtg. hole use DR5178.

Features:

- 6-jumbo button avalanche diodes



DR5179PF
Rectifier

Same as DR5179 except...

Features:

- Heavy Duty
- 6-50A press-fit avalanche diodes
- Crimp-weld diode connections
- Heavy copper conductors



DR5180PF
Rectifier

For: Delco CS144 Series Hi-Output 200A Conversion Alternators

Note: For version w/ press-fit avalanche diodes use DR5179PF.

Features:

- 6-60A press-fit diodes (non-avalanche)
- Field proven in 200A applications
- Crimp-weld diode connections
- Heavy copper conductors

DELCO (NON-USA)

European CS130D



DER2000-1
(Ref# 31-131)
Rectifier

For: Delco European CS130D Series IR/IF Alternators

Used On: (2001-98) Isuzu

Replaces: Delco 10475034, Opel 1205464

Unit Nos: Delco 3493814, 3493823, 3493847, 3493947, 3493955, 10479914, 10479923, 10479947, 10479955, 6204000, 6204003, 6204004, 6204005; Isuzu 8-10479-923-0; Opel 6204002, 6204006, 6204007, 6204008

Lester Nos: 8239

Dim: M8 x 1.25 Batt. Term.

Note: With diode trio.

Features:

- 6-40A press-fit avalanche diodes
- 3A trio assembly
- Aluminum positive heat sink
- Copper negative heat sink



DER2010
Rectifier

For: Delco European CS130D Series IR/IF Alternators

Used On: Opel (Europe)

Replaces: Delco 10493596, 3472020, 3472820, 3478687; Opel 6205432

Unit Nos: GM 90543910; Opel 6204072

Dim: M8 x 1.25 Batt. Term.

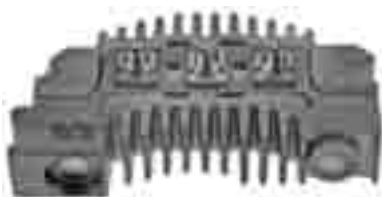
Note: Without diode trio.

Features:

- 6-40A press-fit avalanche diodes
- Aluminum positive heat sink
- Copper negative heat sink
- Welded diode terminations
- Hi-temperature lead frame

ALTERNATOR - RECTIFIERS (TRANSPO)

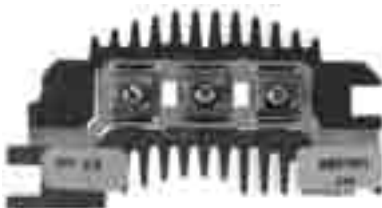
European SI



DER1000-1 (Ref# 31-128) Rectifier

For: Delco European Alternators
Used On: Austin, Bedford, Leyland, Opel, Vauxhall with Delco Machine Sensing Systems
Replaces: Delco 3472311, 7982716, 7982718; Opel 1205404
Unit Nos: Delco 3472002, 3472018, 3472023, 3472024, 3472025, 3472026, 3472027, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042, 3472048, 3472049, 3472050, 3472051, 3472052, 3472053
Features:

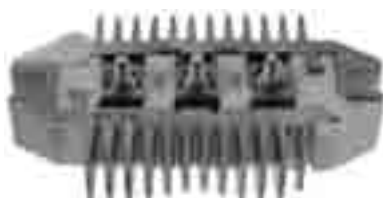
- 6-25A button diode
- Hi-temperature lead frame



DER1001 (Ref# 31-127) Rectifier

For: Delco European Alternators
Used On: Bedford, Ford, Leyland, Vauxhall
Replaces: Delco 7982623, 7982659, 7982756, 7982772, 7982888
Note: With three bolt and two tab terminals
Features:

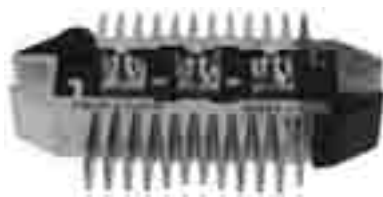
- 6-25A button diodes
- OE-style lead frame



DER1003 (Ref# 31-130) Rectifier

For: Delco European Alternators
Used On: Opel, Vauxhall
Replaces: Delco 3472813, 3493714, 3493721, 6065301; Opel 1205409
Note: With white lead frame. For version w/ black lead frame use DER1004.
Features:

- 6-25A button diodes



DER1004 (Ref# 31-129) Rectifier

For: Delco European Alternators
Used On: Opel, Vauxhall
Replaces: Delco 3493008, 3493417, 3493716, 3493717; Opel 1205454
Note: With black lead frame. For version w/ white lead frame use DER1003.
Features:

- 6-50A button diodes



DR5166 Rectifier

For: Delco Korea / Daewoo IR/IF Alternators
Used On: Daewoo
Replaces: Daewoo 267000, 276000
Unit Nos: Daewoo 96224431, 96224432
Note: With diode trio
Features:

- 35A diodes
- Extra mounting hole



DR6871 Rectifier

For: Delco Korea / Daewoo 11SI Series 105A IR/IF Alternators
Used On: (2001-99) Daewoo
Unit Nos: Daewoo 96206871
Lester Nos: 8281
Note: With heavy duty diode trio.
Features:

- 6-50A press-fit avalanche diodes

DELCO KOREA - DAEWOO



DR5165 Rectifier

For: Delco Korea / Daewoo 60A/24V IR/EF Alternators
Used On: Samsung Loaders, Caterpillar, Daewoo (South America, Asia)
Replaces: Daewoo 589714, Delco 10475039
Unit Nos: Daewoo 219072, 219081; Samsung 1022-03500, 1022-03510
Note: With diode trio
Features:

- 25A diodes



DR9410 Rectifier

For: Delco Korea / Daewoo 7SI Series 65A IR/IF Alternators
Used On: Mercury Marine
Unit Nos: Daewoo 219232; Delco 19020601, 19020612; Mercury Marine 862031, 862031T, 863077T
Lester Nos: 8460, 8461
Note: With heavy duty diode trio
Features:

- 6-50A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

DELCO KOREA - DAEWOO (cont'd.)



DR9411
Rectifier

For: Delco Korea / Daewoo 7SI Series 70A IR/IF Alternators
Used On: Crusader Marine, Hyster, Indmar Marine, Mercury Marine, Pleasurecraft Marine
Unit Nos: Delco 19020604, 19020608, 19020609, 19020614, 19020615; Mercury Marine 862030T
Lester Nos: 8460, 8465, 8466
Note: With heavy duty diode trio. With P-terminal.
Features:
 • 6-50A press-fit avalanche diodes



IXR547
Rectifier

For: Femsa Alternators
Used On: Fiat
Replaces: Bosch 9-121-337-319, Femsa 25945-1
Unit Nos: Bosch 9-120-330-288, -289; Femsa ALB40N88, ALB40N89; Fiat 4474726, 4475036
Lester Nos: 13075, 13136, 14045
Dim: 105mm OD
Note: With diode trio.
Features:
 • 6-25A diodes



IXR549
(Ref# 31-9341)
Rectifier

For: Femsa Alternators
Used On: Fiat
Replaces: Bosch 9-121-337-321, -325, -330, -332, -333, -334, -335, -355; Femsa 25945-10, -17, -20, -21, -25, -27
Unit Nos: Bosch 9-120-331-853, -854, -863, -864, -872; Femsa ALP12NR19; ALS12N53, 54, 63, 64, 72; ALT12N38
Dim: 105mm OD
Note: With diode trio.
Features:
 • 6-diodes, 25 amp

FEMSA



IXR546
(Ref# 31-9301)
Rectifier

For: Femsa Alternators
Used On: (1977-70) Fiat
Replaces: Bosch 9-121-337-324; Femsa 25945-9; Fiat 4262908, 4474546, 4474847
Unit Nos: Bosch 9-120-331-802, -805, -806, -814, -819, -820; Femsa ALS12N14, 55; ALS24N5, 20; ALS24NX2, 6, 19; Fiat 4222697, 4376376, 4474724, 4474904
Lester Nos: 13075, 13136, 14045
Dim: 105mm OD
Note: With diode trio.
Features:
 • 6-25A diodes



IXR548
(Ref# 31-9342)
Rectifier

For: Femsa Alternators
Used On: Fiat
Replaces: Bosch 9-121-337-319, -320, -322, -323, -326, -327, -337; Femsa 25945-2, -4, -8, -12, -13
Unit Nos: Bosch 9-120-330-288, -289; 9-120-331-802, -805, -806, -814, -819, -820, -847, -855; Femsa ALB40N-88, -89; ALS12N-14, -47, -55; ALS24N-5, -20; ALS24NX-2, -6, -19
Dim: 105mm OD
Note: With diode trio.
Features:
 • 6-25A diodes



IXR695
Rectifier

For: Femsa Alternators
Used On: Lada
Replaces: Lada 21083701314, 21083701315
Unit Nos: Lada 21013701005, 37370114V55AAL3
Dim: 105mm OD
Note: With diode trio.
Features:
 • 6-25A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IXR696
Rectifier

For: Femsal Alternators

Used On: Lada

Replaces: Bosch 9-121-337-337;
Femsal 28466-6

Unit Nos: Bosch 9-120-330-227, -292,
-502, -505, -506, -522, -533;
9-120-335-217;

Femsal ALB12117, ALB30X92, ALB4077,
ALE242, ALE245, ALE246, ALE2422,
ALE2423;

Lada 21013701314

Dim: 105mm OD

Note: With diode trio.

Features:

- 6-25A diodes



FR1070-1
(Ref# 31-200)
Rectifier

For: Ford 1G Series 40-65A ER/EF
Alternators

Replaces: Ford D6AZ-10304-A,
D9VY-10304-A, GY-1306-A, GY-1327

Dim: 10-32 Grd. Term.
1/4-28 Batt. Term.

Features:

- Wire Form
- 25A button diodes
- Aluminum heat sink w/ cooling slots
- Unique copper insert design



FR1270-1
(Ref# 31-201)
Rectifier

For: Ford 1G Series 70A ER/EF
Alternators

Replaces: Ford D2OZ-10304-A,
F0TZ-10304-A; GY-1026, -A

Dim: 10-24 Grd. Term.
1/4-20 Batt. Term.

Components:

31-2600 Circuit Board

Features:

- 40A press-fit diodes
- Aluminum heat sinks
- OE-type hi-temp circuit board

FORD

1G Series, 40-65 Amp



FR1040-1
(Ref# 31-200-6)
Rectifier

For: Ford 1G Series 40-65A ER/EF
Alternators

Replaces: Ford D6AZ-10304-A,
D9VY-10304-A, GY-1306-A, GY-1327

Dim: 10-32 Grd. Term.
1/4-28 Batt. Term.

Features:

- Wire Form
- 35A press-fit diodes
- Aluminum heat sink

FR1046-1
(Ref# 31-200-13)
Rectifier

Same as FR1040-1 except...

Features:

- 50A press-fit diodes



FR1080-1
(Ref# 31-200-2)
Rectifier

For: Ford 1G Series 40-65A ER/EF
Alternators

Replaces: Ford D6AZ-10304-A,
D9VY-10304-A, GY-1306-A, GY-1327

Dim: 10-32 Grd. Term.
1/4-28 Batt. Term.

Features:

- 25A button diodes
- Hi-temp circuit board
- Aluminum heat sink w/ cooling slots

FR1083
(Ref# 31-200-4)
Rectifier

Same as FR1080-1 except...

Features:

- 35A press-fit diodes

FR1085
(Ref# 31-200-5)
Rectifier

Same as FR1080-1 except...

Features:

- 50A press-fit diodes



FR1290-1
(Ref# 31-202)
Rectifier

For: Ford 1G Series 70-100A ER/EF,
1G Series Blue Back Truck 75-90A
ER/EF Alternators

Replaces: Ford D4VY-10304-A,
E2HF-10304-BA; E2HZ-10304-A, -B;
E9DF-10304-AA, E9DZ-10304-A,
F0HZ-10304-A; GY-1302-A, -B;
GY-1345, -A; GY-1346

Dim: 10-24 Grd. Term.
1/4-20 Batt. Term.

Features:

- 50A press-fit diodes
- Copper heat sinks
- OE-type hi-temp circuit board

FR1292
(Ref# 31-202-7)
Rectifier

Same as FR1290-1 except...

Features:

- 70A press-fit diodes
- Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

FORD

1G Series, 70-100 Amp (cont'd.)



FR1292B
(Ref# 31-202-6)
Rectifier

Same as FR1292 except...

Note: Same as FR1292 except with threaded stator posts w/ nuts.

Features:

- 70A press-fit diodes
- Copper heat sinks
- OE-type hi-temp circuit board
- Threaded stator posts w/ nuts



FR1280
(Ref# 31-202-1)
Rectifier

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford E9DZ-10304-A, F0HZ-10304-A, GY-1302-B, GY-1345-A

Dim: 10-24 Grd. Term.
1/4-20 Batt. Term.

Features:

- 50A diodes in star-shape heat sinks

1G Series, Truck 65-90 Amp



FR1262-1
(Ref# 31-204-1)
Rectifier

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Replaces: Ford C9AZ-10304-A, D1AZ-10304-A, D1HZ-10304-A, D4HZ-10304-A, D4TZ-10304-A, GY-845, GY-921A, GY-935, GY-935A, GY-1303, GY-1304; Nippondenso 021580-0671, 021580-0940

Unit Nos: Ford C7AF-10346-A, -B; C7TZ-10346-B; C9AF-10346-A, -B; C9AZ-10346-B, D0AF-10346-B, D0AZ-10346-B; D1HF-10346-BA, -CA; D1HZ-10346-A, -C; D2HF-10346-BA; D2HZ-10346-A, -B; D4HF-10346-BA, D4HZ-10346-B, D4TF-10346-BA, D4TZ-10346-B; GL-93-A, -B, -C; GL-94-A, -B, -C;

Nippondenso 021000-465, 021000-476
Lester Nos: 7058, 7068, 7069, 7080, 7637

Dim: Coarse-thread Terminals

Features:

- 50A diodes
- Star-shaped heat sinks



FR192PXD
(Ref# 31-206-HD)
Rectifier

Same as FR192 except...

Features:

- Premium Heavy Duty
- 40A press-fit diodes
- Crimp-weld diode terminations
- Excellent heat dissipation
- Superior, long-term reliability



FR192BBS
(Ref# 31-215)
Rectifier

Same as FR192 except...

Features:

- Custom design with integral BBS pigtail leads
- 40A press-fit diodes
- Crimp-weld diode terminations
- Excellent heat dissipation
- Superior, long-term reliability

2G Series



FR192
(Ref# 31-203-3)
Rectifier

For: Ford 2G Series 40-65A IR/EF Alternators

Used On: (1991-84) Ford, Lincoln, Mercury

Replaces: Ford E43Z-10304-A, GY-1351

Lester Nos: 7084, 7088, 7716, 7731, 7735

Features:

- 25A diodes
- Copper heat sink
- Nickel plated brass terminals
- Hi-temp BBS receptacle
- Thermally conductive encapsulation

ALTERNATOR - RECTIFIERS (TRANSPO)

3G Series



FR2013
(Ref# 31-207-1)
Rectifier

For: Ford 3G Series 75-95A IR/IF Alternators

Used On: (2005-91) Ford, Lincoln, Mazda, Mercury

Replaces: Ford F0CU-10A366-ACIP, F5AZ-10304-BA

Lester Nos: 7749, 7750, 7751, 7753, 7755, 7760, 7785, 7790, 7793, 7794

Dim: 133mm Heat Sink OD

Features:

- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR2013SP
(Ref# 31-207-HD)
Rectifier

Same as FR2013 except...

Features:

- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
- 8-60A press-fit avalanche diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty conductor circuit
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR2023
(Ref# 31-208-1)
Rectifier

For: Ford 3G Series 115-130A IR/IF Alternators

Used On: (2005-91) Ford, Lincoln, Mazda, Mercury

Replaces: Ford F0DU-10A366-DAIP, F5AZ-10304-AA

Lester Nos: 7752, 7756, 7764, 7765, 7768, 7769, 7770, 7771, 7774, 7775, 7776, 7777, 7778, 7784, 7789, 7791, 7792, 8267

Dim: 146mm Heat Sink OD

Features:

- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR2023SP
(Ref# 31-208-HD)
Rectifier

Same as FR2023 except...

Features:

- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
- 8-60A press-fit avalanche diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty conductor circuit
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

4G Series



FR300-1
(Ref# 31-210)
Rectifier

For: Ford 4G Series IR/IF Alternators

Unit Nos: Ford 1L2U-10300-AA, -AB; 1L2Z-10346-AB, 2F1U-10300-BA, 2F1Z-10346-BA; 3W1U-10300-AA, -AB; 3W1Z-10346-AA, 3W3U-10300-AA, 3W3Z-10346-AA, 5L8T-10300-KC, 5L8Z-10346-KA, F50U-10300-FC, F5DU-10300-DB; F5OU-10300-FA, -FB, GS; F5OY-10346-A, F60U-10300-AA, F60U-10300-AB, F60Y-10346-AA; F68U-10300-AD, -AF, -AS; F68Z-10346-AD; F6DU-10300-BB, -BC, -BD, -DB, -DC, -DD; F6DZ-10346-B, F6DZ-10346-D, F6LU-10300-CA, F6LU-10300-CB, F6LU-10300-CC, F6LU-10300-CD, F6LU-10346-A, F6LY-10346-A, F6OU-10300-AA, F6OY-10346-AA; F6ZU-10300-BB, -BC, -BE, -BF, -BG; F6ZZ-10346-B; F77U-10300-AB, -AC; F77Z-10346-AB, F78U-10300-AA, F78Z-10346-AA; F80U-10300-CA, -CB; F80Z-10346-CA; F8OU-10300-CA, -CC; F8OZ-10346-CA, XL2U-10300-AA, XL2Z-10346-AA; XL3U-10300-AA, -AB; XL3Z-10346-AA; XW7U-10300-AA, -AC; XW7U-10300-AD, XW7Z-10346-AA, YF1U-10300-EA, YF1Z-10346-E, YR3U-10300-AB, YR3Z-10346-AA

Lester Nos: 7773, 7780, 7781, 7786, 7787, 8251, 8269, 8313, 8314, 8403

Dim: 133 mm Dia.

Components:

22-213 S.R.E. Frame
31-211 Rectifier, Pos
31-2204 Heat Sink, Pos
32-1040920 Diode, Pos
32-1040921 Diode, Neg

Features:

- 8-50A press-fit diodes
- OE style lead frame

FR300SP
Rectifier

Same as FR300-1 except...

Features:

- Heavy Duty
- 8-60A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

FORD

4G Series (cont'd.)



FR3003
Rectifier

For: Ford 4G Series IR/IF Alternators
Unit Nos: Ford 1L2U-10300-AA, -AB; 1L2Z-10346-AB, 2F1U-10300-BA, 2F1Z-10346-BA; 3W1U-10300-AA, -AB; 3W1Z-10346-AA, 3W3U-10300-AA, 3W3Z-10346-AA, 5L8T-10300-KC, 5L8Z-10346-KA, F50U-10300-FC, F5DU-10300-DB; F5OU-10300-FA, -FB, GS; F5OY-10346-A, F60U-10300-AA, F60U-10300-AB, F60Y-10346-AA; F68U-10300-AD, -AF, -AS; F68Z-10346-AD; F6DU-10300-BB, -BC, -BD, -DB, -DC, -DD; F6DZ-10346-B, F6DZ-10346-D, F6LU-10300-CA, F6LU-10300-CB, F6LU-10300-CC, F6LU-10300-CD, F6LU-10346-A, F6LY-10346-A, F6OU-10300-AA, F6OY-10346-AA; F6ZU-10300-BB, -BC, -BE, -BF, -BG; F6ZZ-10346-B; F77U-10300-AB, -AC; F77Z-10346-AB, F78U-10300-AA, F78Z-10346-AA; F80U-10300-CA, -CB; F80Z-10346-CA; F8OU-10300-CA, -CC; F8OZ-10346-CA, XL2U-10300-AA, XL2Z-10346-AA; XL3U-10300-AA, -AB; XL3Z-10346-AA; XW7U-10300-AA, -AC; XW7U-10300-AD, XW7Z-10346-AA, YF1U-10300-EA, YF1Z-10346-E, YR3U-10300-AB, YR3Z-10346-AA
Lester Nos: 7773, 7780, 7781, 7786, 7787, 8251, 8269, 8313, 8314, 8403
Dim: 133 mm Dia.

FR3003SP
Rectifier

Same as FR3003 except...

- Features:**
- Heavy Duty
 - 8-60A press-fit avalanche diodes, OE validated
 - Crimp-weld diode stem terminations
 - Drop-down stator lead terminal for improved stator-wire attachment
 - Improved B+ post integrity - knurled stud pressed into redesigned conductor

6G Series



FR6003
(Ref# 31-213-1)
Rectifier

For: Ford 6G Series 105A* IR/IF Alternators
Used On: (2005-99) Ford
Replaces: Ford F8WU-10A366-AA/IF
Unit Nos: Ford 1S41-10300-BB, 3C3Z-10346-DA, 4C3Z-10346-AA, 98AB-10300-FC, 98AZ-10346-FA; F81U-10300-BA, -BC, -CC, -CD, -DB, -DC, -DD, -EB, -GA; F81Z-10346-BA, -CA, -DA, -EA, -GA; XF2U-10300-AB, XF2Z-10346-AA; XR3U-10300-AA, -AB, -AC; XR3Z-10346-AA, ZR3U-10300-AB
Lester Nos: 7788, 7796, 7797, 7798, 7799, 8252, 8261, 8262
Dim: 136mm Heat Sink OD
Note: Similar to FR6013 except location of thru-bolt holes in relation to battery terminal.
 *FR6003 is the early design 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.
Features:

- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR6003SP
(Ref# 31-213-HD)
Rectifier

Same as FR6003 except...

- Features:**
- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
 - 6-50A press-fit avalanche diodes, OE validated
 - 2-40A/300V press-fit diodes, OE validated
 - Crimp-weld diode terminations
 - Heavy duty copper connections reduce high-amp heat generation
 - Pre-tinned terminals improves solder-ability
 - Drop-down stator connection improves salvage rate for short-lead stators



FR6013
(Ref# 31-216-1)
Rectifier

For: Ford 6G Series 105-110A* IR/IF Alternators
Used On: (2004-98) Ford, Mercury
Replaces: Ford F8RU-10A366-CA/IF
Unit Nos: Ford 98AB-10300-EB, 98AZ-10346-EA, 98BB-10300-CC, A8ZU-10300-AC, F8RZ-10346-CC, XS8Z-10346-BB; XS91-10300-BB, -BC
Lester Nos: 8250, 8260
Dim: 136mm Heat Sink OD
Note: Similar to FR6003 except location of thru-bolt holes in relation to battery terminal.
 *FR6013 is the early design 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.
Features:

- 40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR6023
(Ref# 31-212-1)
Rectifier

For: Ford 6G Series 130-135A* IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Replaces: Ford F8AU-10A366-AA/IF
Unit Nos: Ford 3W1U-10300-BB, 3W1Z-10346-BA; F8AU-10300-AB, -AC, -AD; F8AZ-10346-AB, F8ZU-10300-AC; XF2U-10300-BC, -BD; XF2Z-10346-BA
Lester Nos: 7795, 8253, 8315
Dim: 149mm Heat Sink OD
Note: *FR6023 is the early design 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.
 (cont'd.)

ALTERNATOR - RECTIFIERS (TRANSPO)

(cont'd.)

Features:

- 50A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

FR6023SP

(Ref# 31-212-HD)

Rectifier

Same as FR6023 except...

Features:

- Heavy duty for EMV, Police Car, Specialty Hi-Amp Applications
- 6-50A press-fit avalanche diodes, OE validated
- 2-40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR6033

Rectifier

For: Ford 6G Series 105-110A* IR/IF Alternators

Used On: (2003-02) Ford

Unit Nos: Ford 2C3U-10300-AA, -AB, -BB, -CB; 2C3Z-10346-AA, -BA, -CA; 2L7U-10300-BA, 2L7Z-10346-BA,

Lester Nos: 8316, 8317

Dim: 136mm Heat Sink OD

Note: *FR6033 is the 8-diode rectifier for 6G stators with 2-leads/phase and Y-connection.

Features:

- 6-50A press-fit avalanche diodes, OE validated
- 2-40A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators



FR6073

(Ref# 31-218-1)

Rectifier

For: Ford 6G Series 105-110A* IR/IF Alternators

Used On: (2005-00) Ford, Lincoln, Mazda, Mercury

Unit Nos: Ford 1L8U-10300-CD, -CE; 1L8Z-10346-CB; 1R3U-10300-AA, -AD; 1R3Z-10346-A, 2F1U-10300-DA, 2F1Z-10346-DA, WR2A-10300-AC, XS8Z-10346-AA, XS91-10300-AE; XW4U-10300-BA, -BB; XW4Z-10346-AA, -BA; YF1U-10300-FA, YF1Z-10346-FA

Lester Nos: 8254, 8256, 8259, 8263, 8266, 8268

Dim: 136mm Heat Sink OD

Note: *FR6073 is the later design 6-diode rectifier for 6G stators with 1-lead/phase and delta connection.

Features:

- 50A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators
- Heavy duty 3.3mf capacitor



FR6083

(Ref# 31-219-1)

Rectifier

For: Ford 6G Series 110A* IR/IF Alternators

Used On: (2004-01) Ford Escape, Mazda Tribute 2.0L

Unit Nos: Ford 1L8U-10300-AB, -AC, 1L8Z-10346-AB

Lester Nos: 8260, 8264

Dim: 136mm Heat Sink OD

Note: *FR6083 is the later design 6-diode rectifier for 6G stators with 1-lead/phase and delta connection.

Features:

- 50A/300V press-fit diodes, OE validated
- Crimp-weld diode terminations
- Heavy duty copper connections reduce high-amp heat generation
- Pre-tinned terminals improves solder-ability
- Drop-down stator connection improves salvage rate for short-lead stators

(non-USA)



FR6100

Rectifier

For: Ford India Alternators

Unit Nos: Ford 3N21-10300-BB, CX1FA

Dim: M3 x 0.5 Auxiliary Term. M6 x 1.0 B+ Term.

Features:

- 8-40A Diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Button Diodes, External Fan



IHR1000-1
(Ref# 31-8100-3)
Rectifier

For: Hitachi 10-50A ER/EF Alternators
Used On: (1980-70) Chevrolet, Nissan, Subaru; Nissan Forklift

Replaces: Hitachi L125-6320, L125-8320, L140-6320, L140-7320, L140-9320, L160-13201; Iseki 658-1218-021-0; Isuzu 5-81218-001-0, -021-0, -022-0; 9-82231-619-0; Nissan 23230-H0300, -U0100; 23232-B8000, -E6601, -H6200, -N3300, -U0102; Subaru 31441-00808, 89534-6101, 89534-6111

Unit Nos: Hitachi LR135-30, -35, -73; LR150-05, -10, -21, -22, -23, -26; LT110-04, LT115-52; LT120-05, -21; LT125-06; LT130-72, -72B, -81, -89; LT135-13B, -17, -17B, -19B, -19C, -19E, -20, -22, -24B, -26, -30, -35, -35B, -35C, -38C, -54, -68, -73, -73B; LT150-03, -05, -05B, -10, -10B, -21, -22, -22B, -23, -23B, -26, -26B; LT160-20, -23, -23B, -23E, -32; LT210-01, LT215-27

Lester Nos: 12106, 14105, 14118, 14119, 14191, 14209, 14214, 14223, 14230, 14530, 14534

WAI Ref. Nos: 1-1094-01HI, 1-1103-01HI, 1-1103-01MI, 1-1111-01HI, 1-1524-01HI, 1-1566-01HI

Dim: M5 x 0.8 x 13mm Mtg. Post

Note: Without diode trio.

Similar to IHR1002-1 except IHR1002-1 w/ diode trio

Features:

- 6-25A button diodes

IHR1000HD-1
(Ref# 31-8100-2)
Rectifier

Same as IHR1000-1 except...

Features:

- Heavy Duty
- 6-50A button diodes



IHR1001-1
(Ref# 31-8103)
Rectifier

For: Hitachi 35-50A IR/EF Alternators
Used On: Nissan

Replaces: Hitachi L135N-13201, L150N-13202;

Nissan 23230-B9800, 23230-P2501

Unit Nos: Hitachi LR135-36, -44, -51, -53; LR150-36, -51, -53, -58;

Nissan 23100-B9800, -B9801, -H7700, -H7701, -P2506, -Q4500

Lester Nos: 14231, 14255, 14300, 14587

WAI Ref. Nos: 1-1109-01HI, 1-1112-01HI

Dim: M5 x 0.8 x 13mm Mtg. Post

Note: With diode trio.

Features:

- 6-25A button diodes



IHR1002-1
(Ref# 31-8104)
Rectifier

For: Hitachi 50A IR/EF Alternators

Used On: Nissan

Replaces: Hitachi L140N-13201, L140N-13202; Nissan 23230-E3200

Unit Nos: Hitachi LR150-02, -11, -11A; Nissan 23100-P2500, -P2501, -P2502, -U9500

Dim: M5 x 0.8 x 13mm Mtg. Post

Note: With diode trio.

Converts early model Datsun alternators to late model with internal voltage regulator.

Similar to IHR1000-1 except IHR1000-1 wo/ diode trio.

Features:

- 6-25A button diodes

Dish Diodes, 86mm OD



IHR763
Rectifier

For: Hitachi 40A IR/IF Alternators

Used On: Honda Gold Wing Motorcycles

Unit Nos: Hitachi LR140-708, -708C; Honda 31100-MT2-015

WAI Ref. Nos: 1-2494-01HI

Dim: 86mm OD

Features:

- 6-20A diodes

Dish Diodes, 95mm OD



IHR725
(Ref# 31-8122)
Rectifier

For: Hitachi 50A IR/IF Alternators

Used On: (1987-86) Isuzu

Replaces: Hitachi L150-73202, Isuzu 8-94410-338-0

Unit Nos: Hitachi LR150-703

Lester Nos: 14859

WAI Ref. Nos: 1-1249-01HI

Dim: 95mm OD

M6 x 1.0 x 25mm Batt. Term.

Note: With diode trio

Features:

- 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

Dish Diodes, 100mm OD



IHR719
(Ref# 31-8109)

Rectifier

For: Hitachi 70A IR/IF Alternators

Used On: (1988-86) Nissan

Replaces: Hitachi L170-9320,
Nissan 23230-51S00

Unit Nos: Hitachi LR170-717;
Nissan 23100-51S00

Lester Nos: 14979

WAI Ref. Nos: 1-1098-01HI

Dim: 100mm OD

M6 x 1.0 x 42mm Batt. Term.

Note: With diode trio.

Features:

- 6-30A diodes



IHR720
(Ref# 31-8114)

Rectifier

For: Hitachi 50-80A IR/IF Alternators

Used On: (1996-86) Honda, Isuzu,
Nissan, Subaru

Replaces: Hitachi L150-53203;
L165-6320, -7320; L170-6320, -7302,
-9320; L180-33201; I
Isuzu 8-94462-853-0;
Nissan 23230-30R00, -30R60, -51S00,
-58S00, -77A00, -D4400

Unit Nos: Hitachi LR150-704, H;
LR160-715, LR160-718, H;
LR165-704B, LR165-707, B;
LR170-714, LR170-715*, B*;
LR170-716*, B*; LR170-717,
LR170-727, LR180-715, LR180-719

Lester Nos: 13250, 13273, 13327,
14241*, 14242*, 14719, 14743, 14859,
14860, 14960, 14979

(cont'd.)

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WAI Ref. Nos: 1-1098-01HI,
1-1102-01HI, 1-1120-01HI,
1-1125-01HI, 1-1126-01HI*,
1-1126-02HI*, 1-1128-01HI,
1-1232-01HI, 1-1233-01HI,
1-1258-01HI, 1-1870-01HI,
1-1880-01HI, 1-2166-01HI

Dim: 100mm OD

M6 x 1.0 x 42mm Batt. Term.

Note: With diode trio with dual diode trio
tabs for right or left mounted regulator.

*Reuse original battery post (side post).

Features:

- 8-30A diodes



IHR724
(Ref# 31-8115)

Rectifier

For: Hitachi 65A IR/IF Alternators

Used On: (1987-85) Subaru

Replaces: Hitachi L165-3320,
Subaru 23830-AA000

Unit Nos: Hitachi LR165-704

Lester Nos: 14743

WAI Ref. Nos: 1-1258-01HI

Dim: 100mm OD

M6 x 1.0 x 35mm Batt. Term.

Note: With diode trio.

Features:

- 6-30A diodes



IHR730
Rectifier

For: Hitachi 55A IR/IF Alternators

Used On: Isuzu Gemini (non-USA)

Replaces: Hitachi L150-43202;

Isuzu 8-94424-362-0

Unit Nos: Hitachi LR155-502E, -504;

Isuzu 8-94362-744-0

Dim: 100mm OD

Note: With diode trio.

Features:

- 6-30A diodes



IHR727
Rectifier

For: Hitachi ER/EF Alternators

Used On: Isuzu, Mazda (Diesel)

Replaces: Hitachi L130-M1330,
L140-23201;

Isuzu 5-81218-027-0, 5-81218-029-0;
Mazda 1456-24-510,
Nissan 23137-J5300

Unit Nos: Hitachi LT130-107, -107B,
-107C, -170C; LT135-63B; LT140-107,
-109B, -109C, -110B; LT220-19C, -20,
-20B, -20C, -21, -21B, -21C;

Isuzu 5-81200-266-3, 5-81200-278-3,
5-81200-279-2, 5-81200-289-2;
Mazda 1456-18-300A;

Nissan 23099-J5302, -Y8402

Lester Nos: 12327

Dim: 100mm OD

Features:

- 6-30A diodes



IHR728
(Ref# 31-8119)

Rectifier

For: Hitachi 40A IR/EF Alternators

Used On: (1982-81) Chevrolet, Isuzu
(Diesel)

Replaces: Hitachi L140-53201;
Isuzu 5-81218-033-0

Unit Nos: GM 94246957;

Hitachi LR140-120E, -131, -131B;
Isuzu 5-81200-317-3, 8-94246-957-0,
8-94246-957-1

Lester Nos: 14731

WAI Ref. Nos: 1-1247-01HI

Dim: 100mm OD

Note: With diode trio.

Features:

- 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Dish Diodes, 100mm OD (cont'd.)



IHR733
(Ref# 31-8147)
Rectifier

For: Hitachi 40A IR/EF Alternators
Used On: Nissan
Replaces: Hitachi L135-6320, Nissan 23230-01B00
Unit Nos: Hitachi LR140-132, -133; Nissan 23100-01B05, -03B05
Dim: 100mm OD
Note: With diode trio.
Features:

- 6-30A diodes



IHR734
(Ref# 31-8135)
Rectifier

For: Hitachi 35A IR/EF Alternators
Used On: Allis-Chalmers, Massey Ferguson, Yanmar
Replaces: Hitachi L135-3320; Yanmar L135-332000, X-L1353320
Unit Nos: Hitachi LR135-105, LR135-126, LR135-74
Dim: 100mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:

- 6-30A diodes



IHR716HD
(Ref# 31-8108)
Rectifier

Same as IHR716 except...

Features:

- Heavy Duty
- 9-30A diodes
- Copper heat sink



IHR729
Rectifier

For: Hitachi 60A IR/IF Alternators
Used On: Nissan Bluebird
Replaces: Hitachi L170-2320; Nissan 23230-02E00
Unit Nos: Hitachi LR160-708, LR160-709, LR160-710; Nissan 23100-02E00, 23100-02E05
Dim: 104mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio.
Features:

- 6-30A diodes

Dish Diodes, 104mm OD



IHR732
Rectifier

For: Hitachi 20-35A IR/EF Alternators
Used On: Isuzu Tractors (Diesel), Nissan Tsuru (Mexico)
Replaces: Hitachi L135-13208; Nissan 23230-37504
Unit Nos: Hitachi LR120-123, LR120-16B, LR135-104, LR135-125
Lester Nos: 12284
Dim: 100mm OD
M5 x 0.8 x 30mm Batt. Term.
Note: With diode trio.
Features:

- 6-30A diodes



IHR716
Rectifier

For: Hitachi 70A IR/IF Alternators
Used On: (1989-84) Nissan
Replaces: Hitachi L170-1320, L170-83202; Nissan 23230-05P01, 23230-05P03
Unit Nos: Hitachi LR170-701, LR170-701B, LR170-701E, LR170-702, LR170-702B; Nissan 23100-05P00, 23100-05P01, 23100-05P03, 23100-15P01
Lester Nos: 14655, 14717
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI
Dim: 104mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio.
Features:

- 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

Dish Diodes, 111mm OD



IHR604-1
(Ref# 31-8106)
Rectifier

For: Hitachi 40-55A IR/EF Alternators w/ Vacuum Pump
Used On: (1987-81) Chevrolet, Isuzu, Nissan, Pontiac (Diesel)
Replaces: GM 94237729; Hitachi L150-13204; Isuzu 8-94237-729-0; Nissan 23232-W1700
Unit Nos: Hitachi LR140-130B; LR150-117C, -133B, -133C, -133E, -135E, -137, -146C, -147B, -147C, -148C, -155B, -157B, -158, -162, -201, -201B, -202, -203, -205, -205B, -206, -211B, -212B, -79H; LR155-12C
Lester Nos: 12118, 14615, 14645, 14648, 14649, 14730, 14858, 14874
WAI Ref. Nos: 1-1113-01HI, 1-1236-01HI, 1-1516-01HI, 1-1571-01HI, 1-2481-01HI
Dim: 111mm OD
Note: With diode trio.
 Similar to IHR711-1 except IHR711-1 wo/ diode trio.
Features:
 • 6-50A diodes

IHR604HD-1
Rectifier

Same as IHR604-1 except...
Features:
 • Heavy Duty
 • 6-50A diodes
 • Copper heat sink



IHR711-1
(Ref# 31-8140)
Rectifier

For: Hitachi ER/EF Alternators
Used On: Isuzu
Replaces: Hitachi L150-13205; Isuzu 8-94223-968-0
Unit Nos: Hitachi LR150-78E, -196; LR155-155B, LR160-85B; LT150-73, -75, -76B, -77B, -77C, -112C, -115C, -116C, -154, -196; LT225-73, -75, -76B
Dim: 111mm OD
Note: Without diode trio.
 Similar to IHR604-1 except IHR604-1 w/ diode trio.
Features:
 • 6-40A diodes
 • Aluminum heat sink



IHR712-1
(Ref# 31-8111)
Rectifier

For: Hitachi 40-50A Heavy Duty ER/EF Alternators w/ Vacuum Pump
Used On: IHC, Isuzu (Diesel), Nissan (Diesel)
Replaces: Hitachi L150M-13201, L150M-13202, L155M-13202; Nissan 23137-Y7502, -Y7503
Unit Nos: Hitachi LT140-105, -106C, -107E; LT150-57E; LT155-08C, -09C; LT225-54B, -60C; LT255-54B,
Lester Nos: 14209, 14214
WAI Ref. Nos: 1-1094-01HI
Dim: 111mm OD
 M5 x 0.8 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes



IHR723-1
(Ref# 31-8113)
Rectifier

For: Hitachi 35-60A IR/EF Alternators w/ Vacuum Pump
Used On: (1986-83) Nissan (Diesel)
Replaces: Hitachi L140-13202, L140-53202, L150-83201, L150-83202, L160-4320; Isuzu 8-94167-411-0, 8-94408-376-0, 8-97188-870-0; Nissan 23232-09W01, -10G01, -16A00, -18A00, -18G00, -V6601
Unit Nos: Hitachi LR140-130P, -402, -408, -415, -415B; LR150-139P, -343B, -401, -401C, -402, -402C, -403, -421C, -423, -423B, -425B, -431, -432, -434B, -438B, -439B, -444B, -448, -449B, -449C; LR155-16B, -16P, -408; LR160-401, -401C, -408; LR225-65P, -67P, -402, -403, -407, -410; LR235-402
Lester Nos: 12118, 14615, 14653, 14654, 14952
WAI Ref. Nos: 1-1129-01HI, 1-1130-01HI, 1-1570-01HI, 1-2481-01HI
Dim: 111mm OD
Note: With diode trio.
Features:
 • 6-50A diodes

IHR723HD-1
(Ref# 31-8113-1)
Rectifier

Same as IHR723-1 except...
Features:
 • Heavy Duty
 • 6-50A diodes
 • Copper heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Dish Diodes, 111mm OD (cont'd.)



IHR710-1
(Ref# 31-8107)

Rectifier

For: Hitachi 50-60A IR/EF Alternators
Used On: (1994-78) Nissan, Subaru
Replaces: Hitachi L150-13206, L160-6320; Isuzu 5-81262-006-0; Nissan 23230-20W00, 23230-W7101; Subaru 49534-7601
Unit Nos: Hitachi LR150-94B, -98, -98B, -99, -99B, -101B, -125, -125B, -140, -165, -177, -186C, -194; LR155-23; LR160-121, -124, -137, -138; LR225-68B, -80; LR235-58, -62, -69, -70; LR240-21
Lester Nos: 12278, 14255, 14300, 14301, 14303, 14587, 14647, 14652, 14659, 14742, 14744, 14745
WAI Ref. Nos: 1-1096-01HI, 1-1109-01HI, 1-1114-01HI, 1-1124-01HI, 1-1567-01HI, 1-1593-01HI, 1-1593-02HI
Dim: 111mm OD
M5 x 0.8 x 35mm Batt. Term.
Note: With diode trio.
For version w/ 8.2mm offset regulator strap use IHR722-1.

Components:
31-81300 Insulator
Features:
• 6-50A diodes

IHR710HD-1
(Ref# 31-8107-1)

Rectifier

Same as IHR710-1 except...

Features:
• Heavy Duty
• 6-50A diodes
• Copper heat sink



IHR713-1
(Ref# 31-8134)

Rectifier

For: Hitachi 50-60A IR/EF Alternators
Used On: (1989-85) Nissan
Replaces: Hitachi L160-33202; Nissan 23230-12G00, -80W01, -81W00
Unit Nos: Hitachi LR150-194B, LR150-197, LR150-197B, LR160-140B, LR160-151
Lester Nos: 14659, 14660, 14664
WAI Ref. Nos: 1-1114-01HI, 1-1115-01HI, 1-1117-01HI
Dim: 111mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio.
Features:
• 6-50A diodes



IHR715-1
(Ref# 31-8139)

Rectifier

For: Hitachi 50A ER/EF Alternators
Used On: (1983-80) Chevrolet, Isuzu
Replaces: Hitachi L150-13202; Nissan 23230-P4505, 23232-C6500; Subaru 49534-7001
Unit Nos: GM 94221717, 94238984; Hitachi LT150-62, -102, -113B, -123, -123B, -131, -144; Isuzu 8-94221-717-0, 8-94238-984-0; Nissan 23099-31W09; 23100-C6500, -H7205, -H7206; Subaru 42990-7000, -7010
Lester Nos: 14306, 14318, 14535, 14616, 14722, 14727, 14728, 14861
WAI Ref. Nos: 1-1246-01HI, 1-1251-01HI, 1-1565-01HI
Dim: 111mm OD
M5 x 0.8 x 35mm Batt. Term.
Note: Without diode trio
Features:
• 6-50A diodes

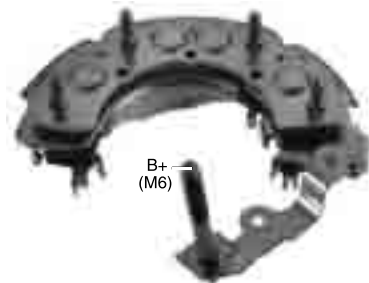


IHR722-1
(Ref# 31-8107-2)

Rectifier

For: Hitachi 50-60A IR/EF Alternators
Used On: (1986-78) Nissan; White
Replaces: Hitachi L150-13206; Isuzu 5-81262-006-0; Nissan 23230-W7101
Unit Nos: Hitachi LR150-94B, -98, -98B, -99, -99B, -101B, -125, -125B, -140, -165, -177, -186C, -194; LR225-68B, -80; LR235-58, -62, -69, -70; LR240-21
Lester Nos: 12278, 14255, 14300, 14301, 14303, 14587, 14647, 14659
WAI Ref. Nos: 1-1096-01HI, 1-1109-01HI, 1-1114-01HI, 1-1567-01HI
Dim: 111mm OD
M5 x 0.8 x 35mm Batt. Term.
Note: With diode trio. With 8.2mm offset regulator strap.
Same as IHR710-1 except IHR710-1 wo/ attached strap.
Features:
• 6-40A diodes

Dish Diodes, 113mm OD



IHR717
(Ref# 31-8110)

Rectifier

For: Hitachi 70-80A IR/IF Alternators
Used On: (1985) Nissan
Replaces: Hitachi L180-2320, L180-6320; Nissan 23230-16E05, 23230-26E60
Unit Nos: Hitachi LR170-713, LR170-721, LR170-721B, LR180-704, LT180-715; Nissan 23100-16E05, 23100-26E05, 23100-26E60, 23100-26E61
Lester Nos: 14651
WAI Ref. Nos: 1-1533-01HI
Dim: 113mm OD
M6 x 1.0 x 30mm Batt. Term.
Note: With diode trio.
Features:
• 6-30A diodes

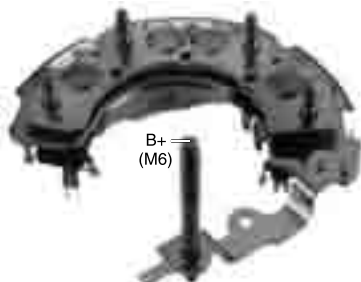
ALTERNATOR - RECTIFIERS (TRANSPO)

IHR717HD Rectifier

Same as IHR717 except...

Features:

- Heavy Duty
- 9-30A diodes
- Copper heat sinks



B+ (M6)

IHR718 (Ref# 31-8131) Rectifier

For: Hitachi 70-90A IR/IF Alternators

Used On: (1994-85) Nissan

Replaces: Hitachi L190-1320, L190-3320, L190-5320;

Nissan 23230-F6100, 23230-F6101, -V4360

Unit Nos: Hitachi LR190-701B, -702B, -702C, -703B, -704, -704B, -708C, -709, -709B, -711;

Nissan 23100-34E00, -34E01, -85E00, -F6100, -F6101, -V4060, -V4360, -V4365, -V4560

Lester Nos: 14661, 14752

WAI Ref. Nos: 1-1122-01HI

Dim: 113mm OD

M6 x 1.0 x 30mm Batt. Term.

Note: With diode trio.

Features:

- 8-30A diodes

IHR718HD (Ref# 31-8131-1) Rectifier

Same as IHR718 except...

Features:

- Heavy Duty
- 11-30A diodes
- Copper heat sinks



B+ (M6)

IHR726 (Ref# 31-8121) Rectifier

For: Hitachi 80-90A IR/IF Alternators

Used On: (1993-90) Infiniti, Nissan

Replaces: Hitachi L180-93201, L190-4320; Nissan 23230-30P00, 23230-F6500

Unit Nos: Hitachi LR180-724, LR190-706, LR190-714;

Nissan 23100-30P00, -F6300, -F6301

Lester Nos: 13262, 13324

WAI Ref. Nos: 1-1107-01HI, 1-1477-01HI

Dim: 113mm OD

M6 x 1.0 x 30mm Batt. Term.

Note: With diode trio

Features:

- 6-30A diodes

Dish Diodes, 118mm OD



IHR603-1 (Ref# 31-8105) Rectifier

For: Hitachi 50-70A IR/EF Alternators

Used On: (1989-78) Nissan, Subaru; UD Nissan Diesel

Replaces: Hitachi L150-13203, L160-3320, L170-8320;

Nissan 23230-06500, 23230-20R00, 23230-Q4601; Subaru 49534-7111

Unit Nos: Hitachi LR155-15, -15B, -15C, -17, -18; LR160-78, -78B, -82, -82B, -84, -84B, -85B, -93, -104, -105, -109, -110, -116, -117, -130, -133, -166; LR165-02; LR170-02, -02B, -06, -10, -14, -18, -21; LT150-113, -114

Lester Nos: 12236, 14301, 14303, 14535, 14585, 14588, 14592, 14665, 14721, 14722, 14742, 14744, 14746, 14747, 14751

WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1131-01HI, 1-1251-01HI, 1-1253-01HI, 1-1593-01HI

Dim: 118mm OD

M5 x 0.8 x 25mm Batt. Term.

Note: With diode trio.

Features:

- 6-50A diodes

IHR603HD-1 (Ref# 31-8105-1) Rectifier

Same as IHR603-1 except...

Features:

- Heavy Duty
- Copper heat sink
- 6-50A diodes



IHR605 (Ref# 31-8105-2) Rectifier

For: Hitachi 50-70A IR/EF Alternators

Replaces: Hitachi L150-13203, L160-3320, L170-8320;

Nissan 23230-20R00, -06500, -Q4601; Subaru 49534-7111

Unit Nos: Hitachi LR155-15B, 15C, -18; LR160-78, -78B, -82, -82B, -84, -84B, -93, -104, -109; LR170-14, -21

Lester Nos: 14301, 14303, 14585, 14588, 14592, 14665, 14721, 14746, 14747, 14751

WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1131-01HI, 1-1253-01HI

Dim: 118mm OD

M5 x 0.8 x 25mm Batt. Term.

66mm x 2.5mm Offset Strap

Note: With diode trio. Similar to IHR603 except IHR603 wo/ offset strap.

Features:

- 6-50A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Dish Diodes, 118mm OD (cont'd.)



IHR606-1
(Ref# 31-8105-3)
Rectifier

For: Hitachi 50-70A IR/EF Alternators
Replaces: Hitachi L150-13203, L160-3320, L170-8320; Nissan 23230-20R00, -06500, -Q4601; Subaru 49534-7111
Unit Nos: Hitachi LR155-15B, 15C, -18; LR160-78, -78B, -82, -82B, -84, -84B, -93, -104, -109; LR170-14, -21
Lester Nos: 14301, 14303, 14585, 14588, 14592, 14665, 14721, 14746, 14747, 14751
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1131-01HI, 1-1253-01HI
Dim: 118mm OD
M5 x 0.8 x 25mm Batt. Term.
66mm x 8.6mm Offset Strap
Note: With diode trio. Similar to IHR603 except IHR603 wo/ offset strap.
Features:

- 6-30A diodes



IHR607-1
(Ref# 31-8112)
Rectifier

For: Hitachi 60A IR/EF Alternators w/ Vacuum Pump
Used On: (1983-81) Nissan (Diesel)
Replaces: Hitachi L160-23201; Isuzu 8-94116-432-0; Nissan 23232-W1705
Unit Nos: Hitachi LR160-67H, LR160-92C, -96B, -96C, -96H, -97B, -97C, -107B, -108B, -134, -134B, -134R, -135B, -143B, -144, -1446, -146, -146B, -147E, -147F, -148E, -148F, -152E, -152F, -164
Lester Nos: 14586, 14613
WAI Ref. Nos: 1-1121-01HI
Dim: 118mm OD
Note: With diode trio w/ wire lead
Features:

- 6-50A diodes



IHR714
(Ref# 31-8138)
Rectifier

For: Hitachi 35-50A ER/EF Alternators
Used On: (1981-80) Subaru; Nissan Lift Truck
Replaces: Hitachi L150-13208; Nissan 23230-V1501; Subaru 49534-7101, 49534-7301
Unit Nos: Hitachi LT150-114B, LT160-89B, LT170-09, LT235-63; Nissan 23100-L1803, -L6002, -V0407; Subaru 42990-7300
Lester Nos: 12117, 14535, 14722
WAI Ref. Nos: 1-1251-01HI
Dim: 118mm OD
M5 x 0.8 x 25mm Batt. Term.
Note: Without diode trio
Features:

- 6-30A diodes



IHR721-1
(Ref# 31-8133)
Rectifier

For: Hitachi 60-70A IR/EF Alternators
Used On: (1987-86) Nissan; Hino, Isuzu Truck
Replaces: Hitachi L160-23202, L160-43202, L170-5320; Nissan 23232-10G00, 23245-V7200
Unit Nos: Hitachi LR160-422B, -442B, -442C, -442E; LR170-402, -402E, -404, -404B, -406B, -410, -418, -418B, -418C, -420B, -421; Isuzu 8-94408-365-0, 8-97023-733-1; Nissan 23100-10G03, -54A01, -54A02, -V7204
Lester Nos: 12097, 14663, 14735, 14753
WAI Ref. Nos: 1-1116-01HI, 1-1426-01HI, 1-1940-02HI, 1-2271-01HI
Dim: 118mm OD
Note: With diode trio.
Features:

- 6-50A diodes

IHR721HD-1
(Ref# 31-8133-1)
Rectifier

Same as IHR721-1 except...
Features:

- Heavy Duty
- 6-50A diodes
- Copper heat sink

Press-Fit Diodes, 103mm OD



IHR750
(Ref# 31-8117)
Rectifier

For: Hitachi 70A IR/IF Alternators
Used On: (1994-90) Subaru
Replaces: Hitachi L170-33202, Subaru 23830-AA040
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
WAI Ref. Nos: 1-1257-01HI
Dim: 103mm OD
Note: Without diode trio
Features:

- 8-30A press-fit diodes



IHR755
(Ref# 31-8125)
Rectifier

For: Hitachi 60-70A IR/IF Alternators
Used On: (1996-91) Honda, Isuzu, Nissan
Replaces: Hitachi L170G-1320, Nissan 23230-50Y09
Unit Nos: Hitachi LR160-725B, LR160-738, LR170-738B; Isuzu 8-97063-026-1; Nissan 23100-50Y09
Lester Nos: 13334, 14960
WAI Ref. Nos: 1-1423-01HI, 1-1880-01HI
Dim: 103mm OD
M6 x 1.0 x 27mm Batt. Term.
Note: With heavy duty diode trio. Similar to IHR754 except IHR754 wo/ diode trio and is not interchangeable. Similar to IHR757 except IHR757 w/ 6-diodes.
Features:

- 8-30A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IHR757 Rectifier

For: Hitachi 50-60A IR/IF Alternators

Used On: (1996-93) Honda, Isuzu

Replaces: Isuzu 8-97074-939-0

Unit Nos: Hitachi LR150-711, LR160-725, LR160-726; Isuzu 8-97042-637-1, 8-97063-025-0, 8-97063-025-1, 8-97063-026-0, 8-97084-578-0

Lester Nos: 13564, 14859, 14960

WAI Ref. Nos: 1-1878-01HI, 1-1879-01HI, 1-1880-01HI

Dim: 103mm OD

M6 x 1.0 x 27mm Batt. Term.

Note: With heavy duty diode trio. Similar to IHR755 except IHR755 w/ 8-diodes.

Features:

- 6-30A press-fit diodes



IHR751 (Ref# 31-8127) Rectifier

For: Hitachi 70-80A IR/IF Alternators

Used On: (1994-90) Nissan

Replaces: Hitachi L170-43202, L170G-6320, L180G-1320; Nissan 23230-12G01, -53F00, -77P00

Unit Nos: Hitachi LR170-734B; LR170-739, B; LR180-729

Lester Nos: 13273, 13285, 13533

WAI Ref. Nos: 1-1119-01HI, 1-1425-01HI, 1-1429-01HI

Dim: 103mm OD

M6 x 1.0 x 35mm Batt. Term.

Note: With diode trio.

Features:

- 6-30A press-fit diodes



IHR756 (Ref# 31-8123) Rectifier

For: Hitachi 60-80A IR/IF Alternators

Used On: (1993-90) Infiniti, Nissan

Replaces: Hitachi L160-73203, L180-13202;

Nissan 23230-64J00, -80G08

Unit Nos: Hitachi LR160-723, B; LR180-725

Lester Nos: 13287, 13329

WAI Ref. Nos: 1-1118-01HI, 1-1427-01HI

Dim: 103mm OD

M5 x 0.8 x 8mm Batt. Term.

Note: With diode trio.

Similar to IHR758 except IHR758 w/ diode trio.

Features:

- 6-40A press-fit diodes



IHR754 (Ref# 31-8129) Rectifier

For: Hitachi 70A IR/IF Alternators

Used On: (1994-92) Nissan

Replaces: Hitachi L170G-2320, Nissan 23230-0E705

Unit Nos: Hitachi LR170-738C

Lester Nos: 13334

WAI Ref. Nos: 1-1423-01HI

Dim: 103mm OD

M6 x 1.0 x 27mm Batt. Term.

Note: Without diode trio.

Features:

- 8-30A press-fit diodes



IHR753 Rectifier

For: Hitachi 70A IR/IF Alternators

Used On: (1991) Nissan

Replaces: Hitachi L170-23203; Nissan 23230-50Y06

Unit Nos: Hitachi LR170-738;

Nissan 23100-50Y06

Lester Nos: 13334

WAI Ref. Nos: 1-1423-01HI

Dim: 103mm OD

M5 x 0.8 x 8mm Batt. Term.

Note: Without diode trio

Features:

- 8-40A press-fit diodes



IHR758 (Ref# 31-8132-1) Rectifier

For: Hitachi 80A IR/IF Alternators

Used On: (1994-93) Nissan

Replaces: Hitachi L180G-7320; Nissan 23230-1E400, -56G00

Unit Nos: Hitachi LR180-725B, C; LR180-736B

Lester Nos: 13329, 13474

WAI Ref. Nos: 1-1120-01HI, 1-1427-01HI

Dim: 103mm OD

M5 x 0.8 Batt. Term.

Note: Without diode trio.

Similar to IHR756 except IHR756 w/ diode trio.

Features:

- 6-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Press-Fit Diodes, 114mm OD



IHR744 Rectifier

For: Hitachi 85A IR/IF Alternators
Used On: (1995) Subaru
Replaces: Hitachi L185G-1320; Subaru 23830-AA080, 23830-AA100
Unit Nos: Hitachi LR185-701; Subaru 23700-AA210, 23700-AA210F
Lester Nos: 13645
WAI Ref. Nos: 1-2015-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:

- 8-40A press-fit avalanche diodes



IHR775 (Ref# 31-8143) Rectifier

For: Hitachi 85-90A IR/IF Alternators
Used On: (1999-95) Nissan, Subaru
Replaces: Hitachi L190G-33204, Nissan 23230-65F00, Subaru 23830-AA140
Unit Nos: Hitachi LR180-742C, LR185-701C, LR185-702, LR190-724; Nissan 23100-70F05; Subaru 23700-AA211, -AA211F, -AA34A
Lester Nos: 13642, 13645
WAI Ref. Nos: 1-2014-01HI, 1-2015-01HI
Dim: 114mm OD
M6 x 1.0 x 8mm Batt. Term.
Features:

- 8-30A press-fit diodes



IHR779 Rectifier

For: Hitachi 70A IR/IF Alternators
Used On: (1998) Honda, Isuzu
Replaces: Isuzu 8-97182-959-0
Unit Nos: Hitachi LR170-755; Isuzu 8-97130-776-0, 8-97130-776-1
Lester Nos: 13775
WAI Ref. Nos: 1-2180-01HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: For version w/ avalanche diodes use IHR780.
Features:

- 8-30A press-fit diodes



IHR780 Rectifier

For: Hitachi 70A IR/IF Alternators
Used On: (1998) Honda, Isuzu
Replaces: Isuzu 8-97182-959-0
Unit Nos: Hitachi LR170-755; Isuzu 8-97130-776-0, 8-97130-776-1
Lester Nos: 13775
WAI Ref. Nos: 1-2180-01HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: For version w/ non-avalanche diodes use IHR779.
Features:

- 8-40A press-fit avalanche diodes



IHR781 (Ref# 31-8148) Rectifier

For: Hitachi 60A IR/IF Alternators
Used On: (1998) Honda, Isuzu
Unit Nos: Hitachi LR160-730C, LR160-731; Isuzu 8-97104-101-2, 8-97130-752-0,
(cont'd)

(cont'd.)

Lester Nos: 13745, 13757
WAI Ref. Nos: 1-2089-01HI, -02HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: Similar to IHR780, except IHR780 w/ 8-diodes.
Features:

- 6-40A press-fit avalanche diodes



IHR782 Rectifier

For: Hitachi 60A IR/IF Alternators
Used On: (1997) Isuzu
Unit Nos: Hitachi LR160-729C, Isuzu 8-97101-816-2
Lester Nos: 13744
WAI Ref. Nos: 1-2090-01HI
Dim: 114mm OD
M6 x 1.0 x 35mm Batt. Term.
Note: Similar to IHR781 except IHR781 has battery terminal on opposite side.
Features:

- 6-40A press-fit avalanche diodes



IHR745 Rectifier

For: Hitachi 80A IR/IF Alternators
Used On: (1999-97) Nissan
Unit Nos: Hitachi LR180-751, Nissan 23100-3M200
Lester Nos: 13728
WAI Ref. Nos: 1-2092-01HI
Dim: 114mm OD
M8 x 1.25 x 45mm Batt. Term.
Features:

- 6-30A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IHR737
Rectifier

For: Hitachi 90A IR/IF Alternators
Used On: (2000-97) Nissan
Replaces: Hitachi L190G-43205; Nissan 23230-0W003
Unit Nos: Hitachi LR190-737, LR190-737B, LR190-737E; Nissan 23100-0W001, 23100-0W002
Lester Nos: 13713
WAI Ref. Nos: 1-2103-01HI
Dim: 114mm OD
 M6 x 1.0 x 8mm Batt. Term. for Radial B+ Term. Extension
Features:
 • 8-30A press-fit diodes



IHR746
(Ref# 31-8141)
Rectifier

For: Hitachi 70-90A IR/IF Alternators
Used On: (1997-95) Nissan
Replaces: Hitachi L170G-13201, L190G-43203; Nissan 23230-0M000, -0W000
Unit Nos: Hitachi LR170-745, B, LR170-748, B; LR190-729, C
Lester Nos: 13637, 13638, 13643
WAI Ref. Nos: 1-2001-01HI, 1-2091-01HI, 1-2124-01HI
Dim: 114mm OD
 M8 x 1.25 x 45mm Batt. Term.
Note: Without diode trio.
Features:
 • 8-30A press-fit diodes



IHR778
(Ref# 31-8136)
Rectifier

For: Hitachi 60-80A IR/IF Alternators
Used On: (1999-95) Nissan; Nissan Lift Truck
Replaces: Hitachi GD214675G; Nissan 23230-0M800
Unit Nos: Hitachi LR160-727, LR180-741H, LR180-744; Nissan 23100-0S300, -1E800, -4B400
Lester Nos: 13636, 13640, 13644
WAI Ref. Nos: 1-2002-01HI, 1-2093-01HI, 1-2152-01HI
Dim: 114mm OD
 M6 x 1.0 x 8mm Batt. Term.
 M8 x 1.25 x 45mm Side Term. Post
Note: Without trio
Components:
 46-81151 Battery Terminal
Features:
 • 6-30A press-fit diodes



IHR742
Rectifier

For: Hitachi 90A IR/IF Alternators
Used On: (2001) Subaru
Unit Nos: Hitachi LR190-742, Subaru 23700-AA31A
Lester Nos: 13829
WAI Ref. Nos: 1-2193-01HI, 1-2449-01HI
Dim: 114mm OD
 M6 x 1.0 x 8mm Batt. Term.
Note: Without diode trio.
Features:
 • 8-40A press-fit avalanche diodes



IHR762
Rectifier

For: Hitachi 70A ED/IF Alternators
Used On: (2000-99) Mazda
Unit Nos: Hitachi LR170-758; Mazda BP4W-18-300B, C
Lester Nos: 13788
WAI Ref. Nos: 1-2212-01HI
Dim: 114mm OD
 M6 x 1.0 x 8mm Batt. Term.
Features:
 • 6-30A press-fit diodes



IHR764
Rectifier

For: Hitachi 90A IR/IF Alternators
Used On: (2002-98) Honda, Isuzu
Replaces: Isuzu 8-97210-024-0
Unit Nos: Hitachi LR190-744; Isuzu 8-97204-332-0
Lester Nos: 13825
WAI Ref. Nos: 1-2240-01HI
Dim: 114mm OD
 M6 x 1.0 x 35mm Batt. Term.
Features:
 • 8-30A press-fit diodes



IHR738
Rectifier

For: Hitachi 70A IR/IF Alternators
Used On: (2001-98) Nissan
Replaces: Nissan 23230-3S501
Unit Nos: Hitachi LR170-757B; Nissan 23100-3S500
Lester Nos: 13778
WAI Ref. Nos: 1-2191-01HI
Dim: 114mm OD
 M6 x 1.0 x 8mm Batt. Term.
Features:
 • 8-30A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

HITACHI

Press-Fit Diodes, 114mm OD
(cont'd.)



IHR739
Rectifier

For: Hitachi 70-100A IR/IF Alternators
Used On: (2001-98) Nissan
Unit Nos: Hitachi LR170-709B, LR1100-709B, LR1100-722; Nissan 23100-5M000, 23100-9E000
Lester Nos: 13760, 13827
WAI Ref. Nos: 1-2193-01HI, 1-2449-01HI
Dim: 114mm OD
 M6 x 1.0 x 8mm Batt. Term.
Features:
 • 8-40A press-fit avalanche diodes



IHR783
(Ref# 31-8146)
Rectifier

For: Hitachi 80A IR/IF Alternators
Used On: Isuzu Truck
Unit Nos: GM 97189650; Hitachi LR180-509, -509C, -510; Isuzu 2-90276-810-0, 8-97116-697-3, 8-97189-549-0, 8-97189-649-0, 8-97189-650-0
Lester Nos: 12335, 12336
WAI Ref. Nos: 1-2358-01HI, 1-2496-01HI
Dim: 115mm OD
 M6 x 1.0 x 8mm Batt. Term.
Features:
 • 8-30A press-fit diodes



IHR774
Rectifier

For: Hitachi 110A IR/IF Alternators
Used On: (1990) Infiniti
Replaces: Hitachi L1110-1320; Nissan 23230-60U00
Unit Nos: Hitachi LR1110-701; Nissan 23100-60U00, 23100-91U00
Lester Nos: 13261
WAI Ref. Nos: 1-1478-01HI
Dim: 118mm OD
 M8 x 1.25 x 45mm Batt. Term.
Note: With diode trio.
Features:
 • 8-40A press-fit diodes

Press-Fit Diodes, 115mm OD



IHR749
Rectifier

For: Hitachi 70A IR/EF Alternators
Used On: Opel (Europe)
Replaces: GM 97122644, Hitachi L170G-23203, Isuzu 8-97122-644-0, Opel 6205428
Unit Nos: Hitachi LR170-505, LR170-505B; Isuzu 8-9715-0200-0, 8-9716-0200-0
WAI Ref. Nos: 1-2615-01HI
Dim: 115mm OD
 M8 x 1.25 x 38mm Batt. Term.
Features:
 • 6-30A press-fit diodes

Press-Fit Diodes, 118mm OD



IHR772
(Ref# 31-8130)
Rectifier

For: Hitachi 95A IR/IF Alternators
Used On: (1994-92) Nissan
Replaces: Hitachi L195G-1320; Nissan 23230-97E01, 23230-97E02
Unit Nos: Hitachi LR195-701; Nissan 23100-97E01
Lester Nos: 13477
WAI Ref. Nos: 1-1583-01HI
Dim: 118mm OD
 M8 x 1.25 x 36mm Batt. Term.
Features:
 • 6-40A press-fit avalanche diodes



IHR776
(Ref# 31-8124)
Rectifier

For: Hitachi 100-110A IR/IF Alternators
Used On: (1993-90) Infiniti
Replaces: Hitachi L1110G-1320; Nissan 23230-60U01
Unit Nos: Hitachi LR1100-702, LR1100-702C, LR1110-702; Nissan 23100-60U01, 23100-61U00
Lester Nos: 13261
WAI Ref. Nos: 1-1478-01HI
Dim: 118mm OD
 M8 x 1.25 x 45mm Batt. Term.
Note: With diode trio.
Features:
 • 6-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

Press-Fit Diodes, 119mm OD



IHR770
Rectifier

For: Hitachi 110A IR/IF Alternators
Used On: (2001-99) Infiniti, Nissan
Unit Nos: Hitachi LR1110-707F, -707G, -709B, -710F;
 Nissan 23100-0L701, -2Y900, -6P000
Lester Nos: 13639, 13712, 13826
WAI Ref. Nos: 1-2098-01HI, 1-2268-01HI, 1-2382-01HI
Dim: 119mm OD
 M6 x 1.0 x 8mm Stud for Side-Mount B+
Features:

- 8-40A press-fit avalanche diodes



IHR771
Rectifier

For: Hitachi 100A IR/IF Alternators
Used On: (1998) Nissan
Replaces: Hitachi L1100G-23201, Nissan 23230-0L700
Unit Nos: Hitachi LR1100-711B; Nissan 23100-0L700
Lester Nos: 13657
WAI Ref. Nos: 1-2231-01HI
Dim: 119mm OD
 M6 x 1.0 x 8mm Stud for Side-Mount B+
Features:

- 6-40A press-fit avalanche diodes



IHR773
(Ref# 31-8142)
Rectifier

For: Hitachi 110-125A IR/IF Alternators
Used On: (1999-95) Infiniti, Nissan
Unit Nos: Hitachi LR1110-705, -705B, -707E; LR1125-702, -702B;
 Nissan 23100-0L701, -31U01, -31U02, -40U00, -6P005
Lester Nos: 13612, 13639, 13712
WAI Ref. Nos: 1-1921-01HI, 1-2098-01HI, 1-2192-01HI,
Dim: 119mm OD
 M6 x 1.0 x 8mm Stud for Side-Mount B+
Components:
 46-81151 Battery Terminal
Features:

- 8-40A press-fit avalanche diodes

Press-Fit Diodes, 127mm OD



IHR769
Rectifier

For: Hitachi 70-100A IR/IF Alternators
Used On: Opel (Europe)
Unit Nos: Hitachi LR170-509, C, E, F, G, H; LR1100-502E, F; Isuzu 8-97189-112-0, -2, -3, -4
WAI Ref. Nos: 1-2618-01HI
Dim: 127mm OD
 M8 x 1.25 x 38mm Batt. Term.
Note: Without diode trio.
Features:

- 8-40A press-fit avalanche diodes

KIA PRECISION WORKS



IHR741
Rectifier

For: Kia Precision Works 70-80A IR/IF Alternators
Used On: (2004-99) Kia
Unit Nos: Kia OK012-18-300, OK241-18-300
Lester Nos: 13862, 13863
WAI Ref. Nos: 1-2444-01HI, 1-2445-01HI
Dim: 114mm OD
 M6 x 1.0 x 8mm Batt. Term.
Note: With diode trio.
Features:

- 6-30A diodes

LEECE-NEVILLE

2300-2600JB Series



LR71180
(Ref# 31-501)
Rectifier - Positive

For: Leece-Neville 2300-2600JB, 3425-3625J, 4400-4650J, 7500-7600 Series 65-105A/12-24V Alternators
Replaces: Leece-Neville 71180, 78752
Dim: 25mm (1") Thick Heat Sink
Features:

- 35A press-fit diodes
- Hi-temp leads
- Wire terminals included
- Die-cast aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

LEECE-NEVILLE

2300-2600JB Series (cont'd.)



LR71181
(Ref# 31-500)

Rectifier - Negative

- For:** Leece-Neville 2300-2600JB, 3425-3625J, 4400-4650J, 7500-7600 Series 65-105A/12-24V Alternators
Replaces: Leece-Neville 71181, 78753
Dim: 25mm (1") Thick Heat Sink
Features:
- 35A press-fit diodes
 - Hi-temp leads
 - Wire terminals included
 - Die-cast aluminum heat sink



LR79415
(Ref# 31-502)

Rectifier - Negative

- For:** Leece-Neville 2700JB, 3725J, 4700-4750J, 7700 Series 130A/12V Alternators
Replaces: Leece-Neville 79415
Dim: 25mm (1") Thick Heat Sink
Features:
- 50A press-fit diodes
 - Hi-temperature insulated wire
 - Wire terminals included
 - Die cast aluminum heat sink



LR97085
(Ref# 31-504)

Rectifier - Negative

- For:** Leece-Neville 2800-2805JB, 7804-7808JB Series 145-160A/12V Alternators
Replaces: Leece-Neville 97085
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
 - Hi-temperature insulated wire
 - Wire terminals included
 - Die cast aluminum heat sink

2800JB Series

2700JB Series



LR79193
(Ref# 31-503)

Rectifier - Positive

- For:** Leece-Neville 2700JB, 3725J, 4700-4750J, 7700 Series 130A/12V Alternators
Replaces: Leece-Neville 79193
Dim: 25mm (1") Thick Heat Sink
Features:
- 50A press-fit diodes
 - Hi-temperature insulated wire
 - Wire terminals included
 - Die cast aluminum heat sink



LR97084
(Ref# 31-505)

Rectifier - Positive

- For:** Leece-Neville 2800-2805JB, 7804-7808JB Series 145-160A/12V Alternators
Replaces: Leece-Neville 97084
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
 - Hi-temperature insulated wire
 - Wire terminals included
 - Die cast aluminum heat sink

4800J, 4900J Series



LR711387
(Ref# 31-508)

Rectifier - Positive

- For:** Leece-Neville 4800J, 4900J Series 215A/12V Alternators
Replaces: Leece-Neville 101387
Dim: 43mm (1-11/16) Thick Heat Sink
Features:
- 50A press-fit diodes
 - Hi-temperature insulated wire
 - Wire terminals included
 - Die cast aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)



LR711441

(Ref# 31-509)

Rectifier - Positive

For: Leece-Neville 4836AAH; 4860J, JB; 4884J, JB; 4900J, JB Series 185-200 A/12V Alternators

Replaces: Leece-Neville 101411, 101441

Lester Nos: 8320, 8345

WAI Ref. Nos: 1-1929-00LN, 1-2652-00LN, 1-2653-00LN,

Dim: 43mm (1-11/16) Thick Heat Sink

Components:

46-5159 Terminal

46-5160 Terminal

Features:

- 50A press-fit diodes
- Hi-temp insulated wire
- Wire terminals included
- Die-cast aluminum heat sink



LR101387

Rectifier - Positive

For: Leece-Neville 4834LC Series 175A/12V Alternators

Unit Nos: Leece-Neville 4834LC, A0014834LC

Lester Nos: 8349

WAI Ref. Nos: 1-2658-00LN

Dim: 43mm (1-11/16) Thick Heat Sink

Features:

- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included



LR102896

Rectifier - Negative

For: Leece-Neville 4834LC Series 175A/12V Alternators

Unit Nos: Leece-Neville 4834LC, A0014834LC

Lester Nos: 8349

WAI Ref. Nos: 1-2658-00LN

Dim: 43mm (1-11/16) Thick Heat Sink

Features:

- 50A press-fit diodes
- Hi-temperature insulated wire
- Wire terminals included



LR711442

Rectifier - Negative

For: Leece-Neville 4860J, JB; 4884J, JB; 4900J, JB Series 200A/12V Alternators

Replaces: Leece-Neville 101442

Lester Nos: 8320, 8345

WAI Ref. Nos: 1-1929-00LN, 1-2653-00LN

Dim: 43mm (1-11/16) Thick Heat Sink

Note: LR711442 similar to LR711425 except:

LR711442 w/ shorter lead wires

LR711425 w/ longer lead wires

Features:

- 6-50A press-fit diodes



LR711425

Rectifier - Negative

For: Leece-Neville 4833LGH, 4836AAH, 4836LGH Series 185A/12V Alternators

Replaces: Leece-Neville 101425

WAI Ref. Nos: 1-2652-00LN, 1-2660-00LN, 1-2661-00LN

Dim: 43mm (1-11/16) Thick Heat Sink

Note: LR711425 similar to LR711442 except:

LR711442 w/ shorter lead wires

LR711425 w/ longer lead wires

Features:

- 6-50A press-fit diodes

LUCAS



ILR166-1

(Ref# 31-9200)

Rectifier

For: Lucas 16ACR, 18ACR Series 28-43A ER/EF, IR/EF Alternators

Used On: (1985-72) Lotus, Mercury, MG, Triumph

Replaces: Lucas 83166, 83842, 84443, UBB110

Unit Nos: Lucas 23589, 23590, 23592, 23593, 23606, 23615, 23617, 23620, 23646, 23648, 23653, 23659, 23674, 23675, 23682, 23685, 23697, 23700, 23702, 23709, 23713, 23715, 23716, 23717, 23718, 23725, 23726, 23729, 23730, 23734, 23736, 23737, 23739, 23740, 23758, 23765, 23769, 23774, 23775, 23801, 23802, 23807, 23808, 23814, 23842, 23847, 23850, 23851, 23852, 23857, 23860, 23888, 23889, 23891, 23962, 23963, 24123

Lester Nos: 14022, 14029, 14030, 14037, 14088

WAI Ref. Nos: 1-1372-01LU, 1-1375-01LU, 1-1377-01LU, 1-1378-01LU, 1-1552-01LU

Dim: M5 x 0.8 x 13mm Mtg. Post

Note: For applications where the voltage regulator senses at the alternator

Features:

- 9-25A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

LUCAS (cont'd.)



ILR192-1
(Ref# 31-9201)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1972-69) Mercury, MG, Triumph
Replaces: Ford 692F-10304-AA, Jaguar 37H-6924; Lucas 83062, 83178, 83192, 83962, 84125, 84460, UBB108; Talbot 5059884, Vauxhall 2698242
Unit Nos: Lucas 23544, 548, 554, 555, 562, 563, 565, 566, 568, 569, 570, 572, 573, 574, 575, 576, 577, 581, 582, 583, 584, 585, 595, 597, 598, 599, 600, 602, 603, 609, 610, 611, 612, 613, 614, 623, 624, 625, 626, 627, 629, 630, 631, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 647, 649, 650, 651, 652, 655, 656, 658, 660, 661, 662, 663, 664, 665, 666, 667, 668, 676, 678, 696, 741, 742, 778, 780, 816, 820, 822, 823, 824, 825, 826, 827, 874, 890, 961
Lester Nos: 14008, 14013, 14014, 14029, 14030
WAI Ref. Nos: 1-1372-01LU, 1-1378-01LU, 1-1549-01LU, 1-1551-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
 • 9-25A diodes



ILR295-1
(Ref# 31-9202)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1981-71) Austin, MG, Triumph
Replaces: Jaguar 37H-7965, RTC-1004, UKC-1657; Lucas 83295, 84124, 84459, UBB111
Unit Nos: Lucas 23745, 23747, 23748, 23750, 23793, 23795, 23796, 23797, 23804, 23805, 23818, 23843, 23844, 23845
Lester Nos: 14029, 14030
WAI Ref. Nos: 1-1372-01LU, 1-1378-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
 • 9-25A diodes



ILR320-1
(Ref# 31-9203)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1978-74) MG
Replaces: Lucas 60211170, 83320, UBB112
Unit Nos: Lucas 23746, 23756, 23806, 23832, 23849, 23892
Lester Nos: 14050
WAI Ref. Nos: 1-1376-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
 • 9-25A diodes



ILR422-1
(Ref# 31-9204)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1981-76) Jaguar, Triumph
Replaces: Jaguar AAU-2871; Lucas 83422, 83633, 84718, UBB113; Massey Ferguson 1894568-M1, 1897092-M1
Unit Nos: Lucas 23835, 23838, 23859, 23864, 23868, 23869, 23876, 23877, 23881, 23957, 23958, 23967, 24017, 24018, 24029, 24030, 24032, 24044, 24045
Lester Nos: 13146, 13163, 13164, 14031, 14054, 14056, 14085
WAI Ref. Nos: 1-1316-01LU, 1-1322-01LU, 1-1373-01LU, 1-1380-01LU, 1-1381-01LU, 1-1382-01LU, 1-1383-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
 • 9-25A diodes



ILR452-1
(Ref# 31-9205)
Rectifier

For: Lucas IR/EF Alternators
Used On: (1976-71) Jaguar; Massey Ferguson
Replaces: Ford 75AB-10304-AA; Jaguar AAU-8483, BAU-1830; Lucas 83452, 83634, 84717, UBB130; Massey Ferguson 1895097-M1, Talbot 35140800; Vauxhall 91062513, 91103214
Unit Nos: Lucas 23833, 861, 862, 863, 867, 882, 883, 884, 885, 886, 894, 895, 897, 898, 899, 900, 901, 902, 907, 908, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 951, 952, 953, 954, 955, 956, 964, 968, 972, 973, 974, 995; 24013, 015, 016, 031, 033, 073, 124
Lester Nos: 14023, 14024, 14050
WAI Ref. Nos: 1-1315-01LU, 1-1376-01LU
Dim: M5 x 0.8 x 13mm Mtg. Post
Features:
 • 9-25A diodes

115mm OD



ILR530-1
(Ref# 31-9217)
Rectifier

For: Lucas Alternators
Used On: Auto Bianco, Fiat, Seat
Replaces: Lucas 83565, 83670, 83784, 84757, 84760, 84761, UBB117, UBB120, UBB124
Unit Nos: Lucas 24041, 24060, 24167, 24168, 24171
Dim: 115mm OD
 M6 x 1.0 Batt. Post
Features:
 • 6-25A/200V diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



ILR531-1
(Ref# 31-9213)

Rectifier

For: Lucas 34-36A IR/EF Alternators
Used On: Case, Ford, IHC, Lotus, Land Rover, Massey Ferguson, Reliant, Renault Truck
Replaces: Lucas 83563, 84719, UBB115
Unit Nos: Lucas 23972, 23973, 23974, 23983, 23984, 23985, 23986, 24023, 24024, 24026, 24027, 24028, 24035, 24051, 24052, 24058, 24059, 24061, 24062, 24063, 24064, 24065, 24066, 24082, 24083, 24085, 24087, 24091, 24092, 24094, 24095, 24099, 24131, 24132, 24133, 24135, 24147, 24170, 24179, 24180, 24181, 24182, 24183, 24184, 24185, 2421A, 24211, 24237
Lester Nos: 12038, 12041
WAI Ref. Nos: 1-1841-01LU
Dim: 115mm OD
Features:
 • 6-25A/200V diodes



ILR532
(Ref# 31-9214)

Rectifier

For: Lucas Alternators
Used On: Ford Tractors, International Harvester
Replaces: Lucas 83642, UBB129
Dim: 115mm OD
Features:
 • 6-25A/200V diodes



ILR550-1
(Ref# 31-9218)

Rectifier

For: Lucas Alternators
Used On: Jaguar, Land Rover, Range Rover, Triumph
Replaces: Lucas 83839, 84766, UBB125
Dim: 115mm OD
 M6 x 1.0 Batt. Post
Features:
 • 6-25A/200V diodes



ILR551-1
(Ref# 31-9206)

Rectifier

For: Lucas A133 Series 30-55A IR/EF Alternators
Used On: Austin Rover, Ford, Land Rover, Lotus, Massey Ferguson
Replaces: Ford 81AB-10304-BA; Lucas 83567, 83623, 84720, UBB116, UBB127; Massey Ferguson 1895344-M1, 1897344-M1; Perkins 28710243; Rover BAU1996, BAU2191, RTC3213
Unit Nos: Lucas 23996, 23997, 23998, 23999, 24020, 24025, 24034, 24054, 24067, 24068, 24069, 24070, 24071, 24072, 2407, 24086, 24088, 24089, 24090, 24098, 24114, 24115, 24116, 24117, 24128, 24149, 24151, 24153, 24164, 24165, 24204
WAI Ref. Nos: 1-1841-01LU
Dim: 115mm OD
 M6 x 1.0 Batt. Post
Features:
 • 6-25A/200V diodes



ILR553-1
(Ref# 31-9207)

Rectifier

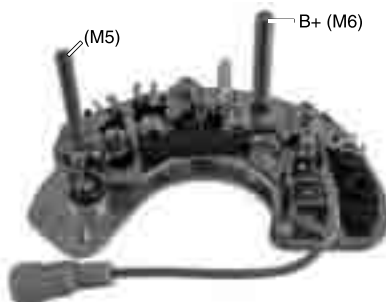
For: Lucas IR/EF Alternators
Used On: Massey Ferguson, Triumph
Replaces: Lucas 83569, 83571, 84765, UBB118, UBB126; Massey Ferguson 3475823-M1, Rover AEU1527J
Unit Nos: Lucas 23969, 24010, 24011, 24046, 24047, 24055, 24091, 24093, 24100, 24125, 24126, 24127
Lester Nos: 13146, 13163
WAI Ref. Nos: 1-1381-01LU, 1-1383-01LU
Dim: 115mm OD
 M6 x 1.0 Batt. Term.
Features:
 • 6-25A/200V diodes



ILR554-1
(Ref# 31-9215)

Rectifier

For: Lucas 65A Alternators
Used On: Case, Ford, International Harvester, Reliant, Renault Truck, Triumph, Volvo
Replaces: Lucas 83646, 84768, UBB123
Unit Nos: Lucas 24049
Dim: 115mm OD
Features:
 • 6-25A/200V diodes



ILR566-1
(Ref# 31-9208)

Rectifier

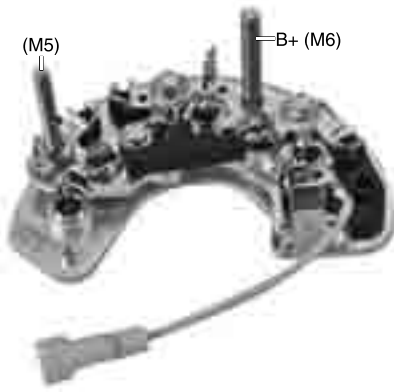
For: Lucas A127 Series 55-70A IR/EF Alternators
Used On: Austin Rover, Case, Ford Tractor, Land Rover, Leyland, Massey Ferguson, Renault Truck
Replaces: Lucas 84201, 84422, 84454, UBB133, UBB135, UBB141
Unit Nos: Lucas 24145, 24156, 24157, 24158, 24161, 24169, 24198, 24199, 24200, 24202, 24208, 24231, 24240, 24256, 24273, 24274, 24276, 54022196, 54022226, 54022310, 54022336, 54022337, 54022481, 54022524; Marelli 54022336D
Dim: 115mm OD
 M5 x 0.8 x 30mm Mtg. Post
 M6 x 1.0 x 42mm Batt. Term.
Components:
 84202 Diode Trio
Features:
 • 6-25A/200V diodes

ALTERNATOR - RECTIFIERS

ALTERNATOR - RECTIFIERS (TRANSPO)

LUCAS

115mm OD (cont'd.)

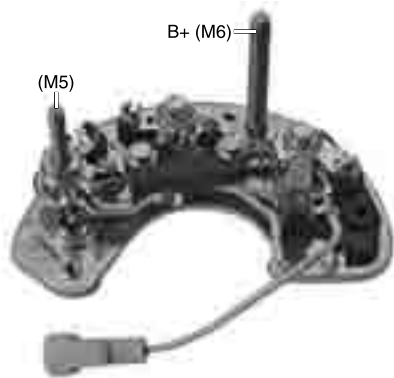


ILR566HD-2
Rectifier

Same as ILR566-1 except...

Features:

- Heavy Duty
- 6-35A OE style press-fit diodes



ILR567HD-2
Rectifier

For: Lucas A127 Series 45-55A IR/EF Alternators

Used On: Fiat, Ford Europe, Lancia, Yugo

Replaces: Lucas 84468, UBB136

Unit Nos: Lucas 24203, 24214, 54022128

Dim: 115mm OD

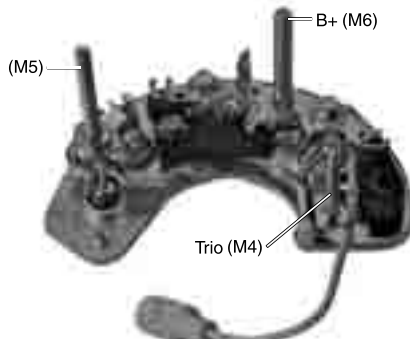
M5 x 0.8 x 44mm Mtg. Post
M6 x 1.0 x 51mm Batt. Term.

Components:

84202 Diode Trio

Features:

- Heavy Duty
- 6-35A OE style press-fit diodes



ILR568-1
(Ref# 31-9219)
Rectifier

For: Lucas A127 Series 55-70A IR/EF Alternators

Used On: Ford Tractor, Rover

Replaces: Ford 86AB-10304-B; Lucas 84469, UBB137, LBU5225; Rover RTC5371, RTC5671

Unit Nos: Lucas 24206, 24207, 24217, 24220, 24221, 54022159

Lester Nos: 12045, 12072

Dim: 115mm OD

M4 x 0.7 x 19mm D+ Term. (Trio)

M5 x 0.8 x 56mm Auxiliary Term.

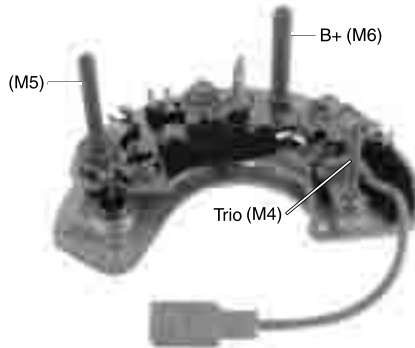
M6 x 1.0 x 42mm Batt. Term.

Components:

84202 Diode Trio

Features:

- 6-25A/200V diodes

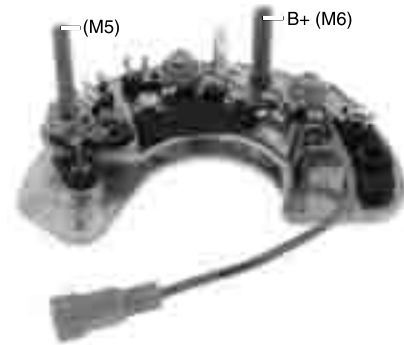


ILR568HD-2
(Ref# 31-9219)
Rectifier

Same as ILR568-1 except...

Features:

- Heavy Duty
- 6-35A OE style press-fit diodes



ILR569-1
Rectifier

For: Lucas IR/EF Alternators

Used On: Nissan Industrial, Rover

Replaces: Lucas 84574, UBB138; Nissan 23230-Q9000; Rover BAU5816

Unit Nos: Lucas 24223, 24235, 24322, 24356; 54022203, 5402238; Nissan 23100-Q9000

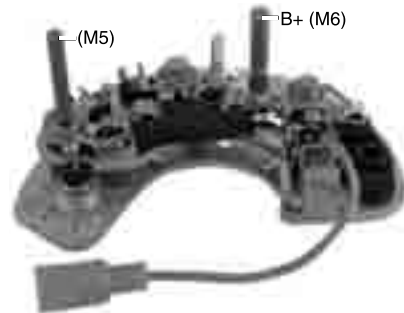
Dim: 115mm OD

M5 x 0.8 x 32mm Mtg. Post

M6 x 1.0 x 28mm Batt. Term.

Features:

- 6-25A/200V diodes

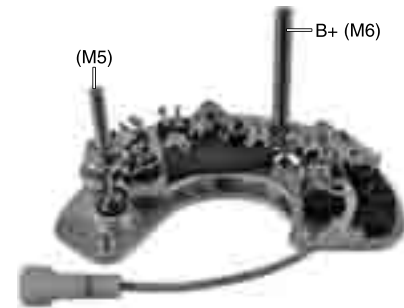


ILR569HD-2
Rectifier

Same as ILR569-1 except...

Features:

- Heavy Duty
- 6-35A OE style press-fit diodes



ILR570-1
(Ref# 31-9220)
Rectifier

For: Lucas IR/EF Alternators

Used On: New Holland

Replaces: Ford 864F-10304-AA; Lucas 84456, UBB140

Unit Nos: Lucas 24188, 24213, 24230, 24264

(cont'd.)

ALTERNATOR - RECTIFIERS (TRANSPO)

(cont'd.)

Dim: 115mm OD

M5 x 0.8 x 44mm Mtg. Post

M6 x 1.0 x 51mm Batt. Term.

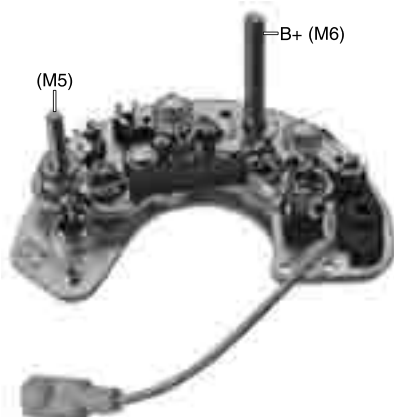
Note: For heavy duty version use ILR570HD-2

Components:

84202 Diode Trio

Features:

- 6-25A/200V diodes

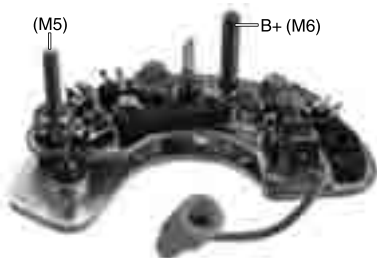


ILR570HD-2
Rectifier

Same as ILR570-1 except...

Features:

- Heavy Duty
- 6-35A OE style press-fit diodes



ILR571-1
Rectifier

For: Lucas IR/EF Alternators

Used On: Industrial Equipment

Replaces: Lucas 84889, UBB143

Unit Nos: Lucas 24262

Dim: 115mm OD

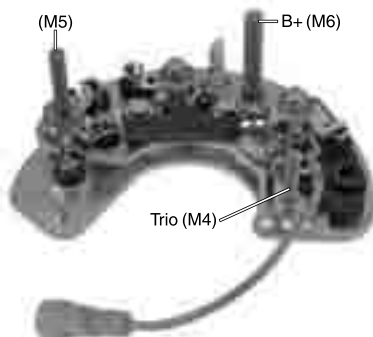
M5 x 0.8 x 44mm Mtg. Post

M6 x 1.0 x 27mm Batt. Term.

Note: With diode trio.

Features:

- 6-25A/200V diodes



ILR572-1
(Ref# 31-9222)
Rectifier

For: Lucas IR/EF Alternators

Used On: Ford, Rover

Replaces: Ford 87BB-10304-CA,

Lucas 84572, UBB145

Unit Nos: Lucas 24215, 24216, 24224, 24236, 24257, 24261, 24271

Dim: 115mm OD

M4 x 0.7 x 19mm D+ Term. (Trio)

M5 x 0.8 x 46mm Auxiliary Term.

M6 x 1.0 x 39mm Batt. Term.

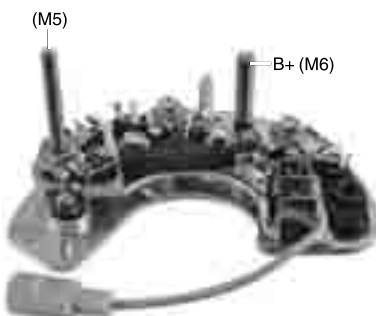
Note: With diode trio.

Components:

84202 Diode Trio

Features:

- 6-25A/200V diodes



ILR573-1
Rectifier

For: Lucas IR/EF Alternators

Used On: Ford (Europe)

Replaces: Lucas 84855, 84885, UBB144

Unit Nos: Lucas 24260A

Lester Nos: 12072

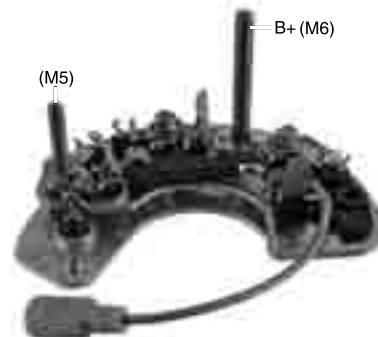
Dim: 115mm OD

M5 x 0.8 x 56mm Mtg. Post

M6 x 1.0 x 28mm Batt. Term.

Features:

- 6-25A/200V diodes



ILR574-1
(Ref# 31-9221)
Rectifier

For: Lucas IR/EF Alternators

Used On: Industrial Applications

Replaces: Lucas 84888, UBB147

Unit Nos: Lucas 24255, 24287

Dim: 115mm OD

M5 x 0.8 x 44mm Auxiliary Term.

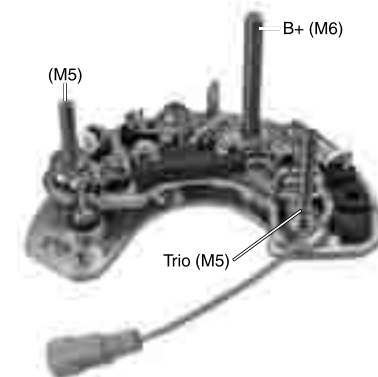
M6 x 1.0 x 46mm Batt. Term.

Components:

84202 Diode Trio

Features:

- 6-25A/200V diodes



ILR576-1
(Ref# 31-9223)
Rectifier

For: Lucas IR/EF Alternators

Used On: Nissan Primera (non-USA)

Replaces: Lucas 84976;

Marelli 63328506

Unit Nos: Lucas 24286,

Nissan 23100-71J00

Dim: 115mm OD

M5 x 0.8 x 20mm D+ Term. (Trio)

M5 x 0.8 x 44mm Auxiliary Term.

M6 x 1.0 x 51mm Batt. Term.

Components:

84202 Diode Trio

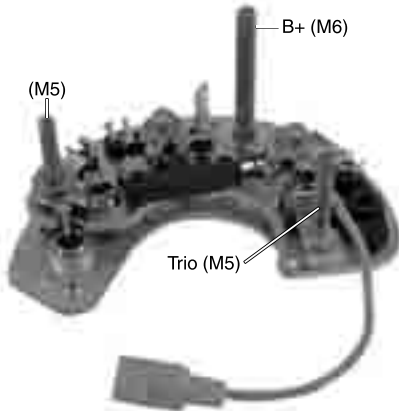
Features:

- 6-25A/200V diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

LUCAS

115mm OD (cont'd.)



ILR576HD-2 Rectifier

Same as ILR576-1 except...

Features:

- Heavy Duty
- 6-35A OE style press-fit diodes



ILR602-1 (Ref# 31-9211) Rectifier

For: Lucas A133 Series 80A IR/EF Alternators

Used On: (1990-87) Jaguar, Land Rover

Replaces: Lucas UBB139

Unit Nos: Lucas 24229, 24238

Lester Nos: 13436, 14095

WAI Ref. Nos: 1-1319-01LU, 1-1374-01LU

Dim: 122mm OD
M6 x 1.0 Batt. Term.

Features:

- 6-25A/200V diodes



IMR5005 Rectifier

For: Mando 51-55A IR/EF Alternators

Used On: Bobcat, Mercury Marine, Tennant Streetsweeper

Replaces: Mercury Marine 811875, 811875T

Unit Nos: Mando A000B0331, A000B0471K, A00B0431, AC155515, AC155603;

Mercury Marine 81175, 817119A1, 817119A4;

OMC 3853853, 3854182, 3854809; Tennant 60559; Valeo AC155515;

Volvo-Penta 3850927-9, 3853853-4, 3854182-7, 3854809-5

Lester Nos: 12174

WAI Ref. Nos: 1-1947-01MD, 1-2462-31MD

Dim: 108mm OD
1/4-20 Batt. Term.

Note: With heavy duty diode trio.

Features:

- 6-25A can diodes

122mm OD



ILR601-1 (Ref# 31-9209) Rectifier

For: Lucas A133 Series 75-80A IR/EF Alternators

Used On: (1989-80) Jaguar, Rover, Triumph

Replaces: Lucas 83763, UBB131

Unit Nos: Lucas 23970, 23971, 24056, 24101, 24102, 24142, 24173, 24250

Lester Nos: 13145, 13164, 14092, 14561

WAI Ref. Nos: 1-1317-01LU, 1-1324-01LU, 1-1373-01LU, 1-1384-01LU

Dim: 122mm OD
M6 x 1.0 Batt. Term.

Features:

- 6-25A/200V diodes

MANDO

External Fan



IYR795 (Ref# 31-8600) Rectifier

For: Mando 55A IR/EF Alternators

Used On: Mercury Marine, Melroe Bobcats

Unit Nos: Mando AR150A, AR150BA

Lester Nos: 12174

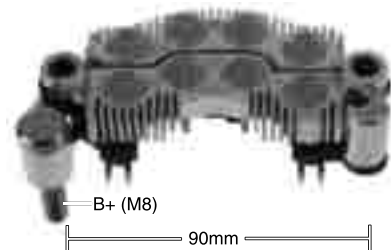
Dim: 110mm OD
1/4-20 x 1-5/8 Batt. Term.

Note: With diode trio.

Features:

- 6-50A can diodes

Internal Fan



IYR9003 Rectifier

For: Mando 90A IR/IF Alternators

Used On: Bobcat

Unit Nos: Bobcat 6675292, 6678205; Valeo TA000A48401, TA000A48402

Lester Nos: 12390

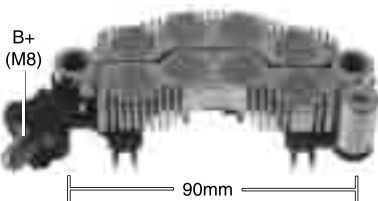
WAI Ref. Nos: 1-2466-01MD

Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.

Features:

- 8-50A press-fit avalanche diodes
- Crimp-weld diode terminations
- Heavy duty trio & capacitor

ALTERNATOR - RECTIFIERS (TRANSPO)

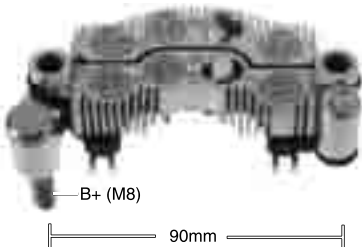


IYR9016
Rectifier

For: Mando 95A IR/IF Alternators
Used On: (1999) Hyundai
Unit Nos: Hyundai 37300-37110, Mando AB195116

Lester Nos: 13782
Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.

- Features:**
- 8-50A press-fit avalanche diodes
 - Crimp-weld diode terminations
 - Heavy duty trio & capacitor

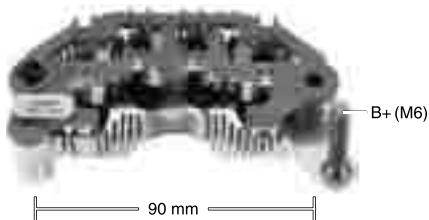


IYR9028
(Ref# 31-8602)
Rectifier

For: Mando 90A IR/IF Alternators
Used On: (2003-00) Hyundai
Replaces: Hyundai 37370-22600
Unit Nos: Hyundai 37300-22600, Mando AB180128

Lester Nos: 13839
WAI Ref. Nos: 1-2378-01MD
Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.

- Features:**
- 6-50A press-fit avalanche diodes
 - Crimp-weld diode terminations
 - Heavy duty trio & capacitor



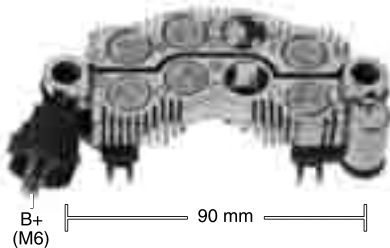
IYR9058
(Ref# 31-8601)
Rectifier

For: Mando 90A IR/IF Alternators
Used On: (2001-97) Hyundai
Unit Nos: Hyundai 37300-22200, Mando AB190058

Lester Nos: 13702
WAI Ref. Nos: 1-2059-01MD
(cont'd.)

(cont'd.)
Dim: 90mm Mtg. Length
M6 x 1.0 x 22mm Batt. Term.
Note: With capacitor & diode trio.
Features:

- 8-50A press-fit diodes
- Crimp-weld diode terminations
- Heavy duty trio & capacitor

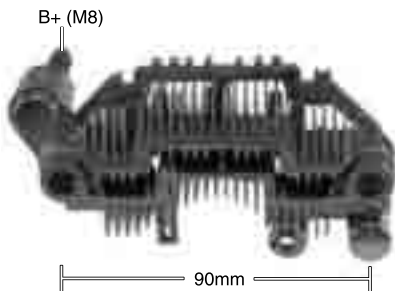


IYR9094
Rectifier

For: Mando 70A IR/IF Alternators
Used On: (2004-98) Kia
Unit Nos: Kia OK2A2-18-300, Mando AB170094

Lester Nos: 13785
WAI Ref. Nos: 1-2202-01MD
Dim: 90mm Mtg. Length
M6 x 1.0 Batt. Term.

- Features:**
- 6-50A press-fit diodes
 - Crimp-weld diode terminations
 - Heavy duty trio & capacitor

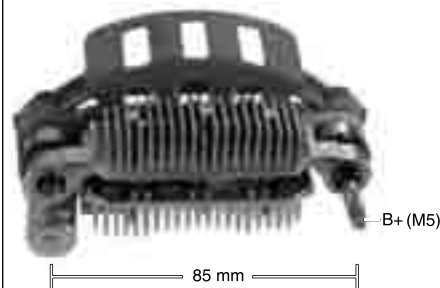


IYR9126
Rectifier

For: Mando 95A IR/IF Alternators
Used On: (2003-99) Hyundai, Kia
Unit Nos: Hyundai 37300-38310, Mando AB195126

Lester Nos: 13783
WAI Ref. Nos: 1-2288-01MD
Dim: 90mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With capacitor & diode trio.
Features:

- 8-40A diodes

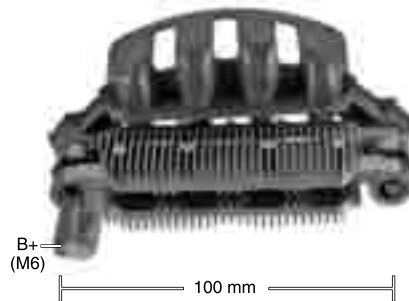


IYR8510
Rectifier

For: Mando 75-80A IR/IF Alternators
Used On: (1997-95) Kia
Unit Nos: Kia OK24A-18-300A, OK29T-18-300; Mando AB170066, AB180092

Lester Nos: 13730, 13731
WAI Ref. Nos: 1-2104-01MD, 1-2105-01MD
Dim: 85mm Mtg. Length
M5 x 0.8 x 19mm Batt. Term.
Note: With diode trio.

- Features:**
- 6-30A diodes



IYR10038
Rectifier

For: Mando 75-90A IR/IF Alternators
Used On: (1998-92) Hyundai
Replaces: Hyundai 37367-33010
Unit Nos: Hyundai 37300-33010, -33030, -33101, -33103; Mando AB175020, AB190025

Lester Nos: 13249, 13289
WAI Ref. Nos: 1-1227-01MD, 1-1434-01MD
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.

- Note:** With diode trio.
Features:
- 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

MANDO

Internal Fan (cont'd.)



IYR751

Rectifier

For: Mando IR/IF Alternators
Used On: Kia (non-USA)
Unit Nos: Hyundai 37300-32510, Mando AR175AA
Dim: 88mm OD
Note: With heavy duty diode trio.
Features:

- 8-25A diodes



IXR543

Rectifier

For: Marelli 100A IR/IF Alternators
Used On: (1995-94) Land Rover
Replaces: Marelli 5402243B
Unit Nos: Marelli 63320228, 63320289, 63320315, 63321243, 63321253, 63341243, 63441243; Rover AMR3107
Lester Nos: 13725
WAI Ref. Nos: 1-2128-01MM
Dim: 104mm OD
M8 x 1.25 Batt. Term.
Note: With diode trio.
Features:

- 6-30A diodes



IXR634

(Ref# 31-9338)

Rectifier

For: Marelli IR/IF Alternators
Used On: Fiat, Land Rover
Replaces: Marelli 63623701, 63624901
Unit Nos: Marelli 63321240, 63341240; Rover AMR2938
Lester Nos: 13726
WAI Ref. Nos: 1-2186-01MM
Dim: 111mm OD
M8 x 1.25 Batt. Term.
Features:

- 8-50A press-fit avalanche diodes

MARELLI



IXR542

Rectifier

For: Marelli 85-100A IR/IF Alternators
Used On: (1995-91) Land Rover; Allis-Chalmers, Ford Tractor
Replaces: Fiat 9946071; Marelli 00084574, 54209741, 83610231
Unit Nos: Marelli 54022437, 54022443B, 54022459, 54022469, 54022470, 54022510, 54022536, 54022591, 54022606, 54022646, 54022647, 54022651, 54022656, 63320312, 63320313, 63320314, 63321285, 63321358, 63322469, 63324320, 63324380, 63324390, 63340003, 63340005; Rover STC232, YLE10099, YLE10100
Lester Nos: 12094, 13696, 13697
WAI Ref. Nos: 1-2003-01MM, 1-2004-01MM, 1-2454-01MM
Dim: 104mm OD
M6 x 1.0 Batt. Term.
Note: With diode trio.
Features:

- 6-30A diodes



IXR633

Rectifier

For: Marelli IR/IF Alternators
Used On: Fiat (non-USA)
Replaces: Marelli 63623301, 63623501
Unit Nos: Marelli 63320200, 63320203, 63320204, 63320219, 63320227, 63320238, 63321200, 63321204, 63321205, 63321233, 63321234, 63321235, 63321252
Dim: 111mm OD
M8 x 1.25 Batt. Term.
Features:

- 6-50A press-fit avalanche diodes



IXR642

Rectifier

For: Marelli IR/IF Alternators
Used On: Alfa Romeo, Fiat
Replaces: Marelli 63624201, RDD42, RDD42A, RDD760724
Unit Nos: Marelli 63321418, 63321419, 63321423, 63321426
Dim: 121mm OD
M8 x 1.25 x 40mm Batt. Term.
Features:

- 6-50A press-fit avalanche diodes



IXR719
Rectifier

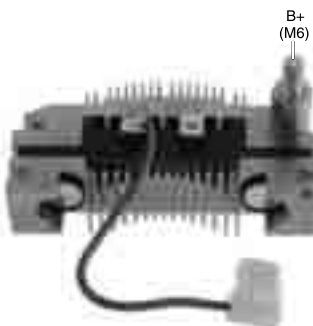
For: Marelli IR/IF Alternators
Used On: Fiat, Land Rover
Replaces: Marelli 63624202, RDD42B
Unit Nos: Marelli 63320334, 63320335, 63320336, 63321261
Dim: 121mm OD
 M6 x 1.0 x 1.25 x 25mm Batt. Post
Features:
 • 6-50A press-fit avalanche diodes



IXR691-1
(Ref# 31-9302)
Rectifier

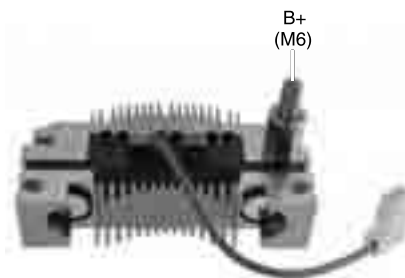
For: Marelli 30-55A ER/EF, IR/EF Alternators
Used On: (1980-75) Fiat, Lancia
Replaces: Ducellier 593053; Fiat 9934595, 9934958, 9957720; Marelli 64826011, 64826022, 64826040, 64877471, 64878691, 74878691, 74986301, 85560001
Unit Nos: Marelli 62307526, 63300320, 63300515; 63300905, 25; 63305000, 20; 63305100, 01, 02, 03, 20, 22, 23, 30, 31, 50; 63305226, 36, 46, 56, 70; 63305300, 10; 63305400, 01, 02, 03, 04, 05, 06, 20, 23, 25, 26, 30, 32, 40, 42, 50; 63305506, 26, 36, 56; 63305566, 01, 21, 40, 60, 90; 63305700, 01, 11, 12, 20, 21, 30, 31, 32; 63305800, 01, 02, 20, 21, 22, 32, 42, 62; 63305900, 20; 63306050, 60, 70, 79, 89; 63306350, 60, 69, 70, 79, 80, 89, 99; 63306500, 20; 63306700, 01, 20, 21, 30; 63307100, 01, 03, 05, 06, 07, 08, 20, 23, 25, 26, 27, 28, 30, 31, 50, 60; 63307206, 07, 08, 18, 27, 36, 46, 56; 63307401, 02, 03, 05, 06, 07, 08, 09, 10, 20, 23, 25, 26, 27, 28, 29, 30, 31, 41, 42, 50, 52, 60, 70, 90; 63307503, 06, 08, 09, 18, 23, 26, 36, 56, 66; 63307602, 04, 22, 24, 34; 63307801, 02, 04, 05, 21, 22, 24, 32, 41, 42, 51, 62, 72; 63308300, 10, 30, 40, 50, 60, 70, 80, 99; 63308701, 21, 31 (cont'd.)

(cont'd.)
Lester Nos: 14057, 14293, 14294, 14295, 14558
WAI Ref. Nos: 1-1338-01MM, 1-1342-01MM, 1-1343-01MM
Dim: 17.5mm Thk. Heat Sink
Note: With diode trio.
Features:
 • 6-50A diodes



IXR692-1
(Ref# 31-9305)
Rectifier

For: Marelli 30-55A Alternators
Used On: Alfa Romeo, Autobianchi, Fiat, Fiatallis, Iveco, Lamborghini, Lancia, Lister-Petter, Seat, Simit, Unic Motore
Replaces: Ducellier 593054; Marelli 63621501, 74877471
Unit Nos: Marelli 63305206, 431; 63306000, 300; 63311775; 63320001, 002, 003, 004, 005, 006, 007, 008, 010, 012, 021, 022, 023, 024, 025, 028, 030, 031, 034, 047, 052, 053, 056, 057, 073, 091, 094, 097, 102, 112, 118; 63321000, 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 013, 015, 016, 028, 029, 035, 036, 037, 039, 041, 042, 044, 045, 046, 047, 048, 049, 050, 052, 055, 058, 059, 060, 061, 063, 067, 071, 078, 079, 080, 095, 097, 102, 103, 107, 109, 110, 112, 113, 137, 138, 159, 165, 171, 172, 175, 176, 189, 197, 428
Lester Nos: 12026, 14294
WAI Ref. Nos: 1-1343-01MM
Dim: M6 x 1.0 Batt. Term. 17.5mm Thk. Heat Sink
Note: With diode trio and lead
Features:
 • 6-50A diodes



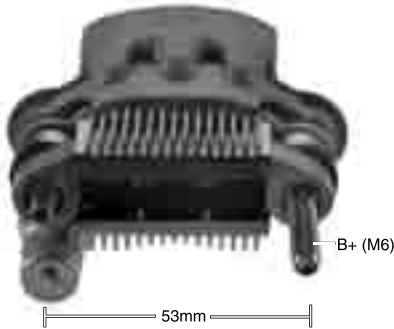
IXR693-1
(Ref# 31-9304)
Rectifier

For: Marelli Alternators
Used On: Fiat, Lancia, Maserati, Seat, Unic Motore
Replaces: Fiat 4808510, 4808513, 4808517, 4808518, 7541401, 7542145, 7548004, 7552382, 7553788, 7554832, 7554833; Marelli 63320013, 63320015, 63320016, 63320017, 63320018, 63320026, 63321019, 63321020, 63321021, 63321022, 63321023, 63321025, 63321056, 63321064, 63621601
Unit Nos: Marelli 63320020, 032, 035, 040, 044, 045, 048, 049, 055, 058, 082, 083, 105, 110, 111, 122; 63321017, 024, 027, 031, 033, 062, 068, 070, 072, 077, 082, 086, 087, 088, 090, 091, 098, 099, 106, 108, 111, 116, 117, 123, 136, 141, 146, 149, 150, 151, 167, 173, 174, 183, 188
Dim: 19.5mm Thk. Heat Sink M6 x 1.0 Batt. Term.
Note: With diode trio and lead
Components:
 32-735 Button Diode
Features:
 • 6-50A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

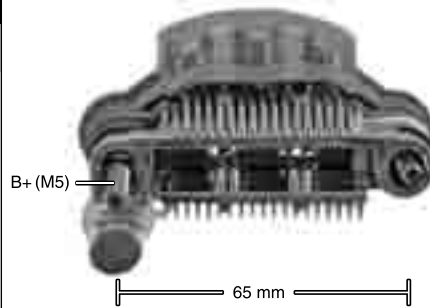
MITSUBISHI

53mm Mtg (Finned Heat Sink)



IMR5340
(Ref# 31-8333)
Rectifier

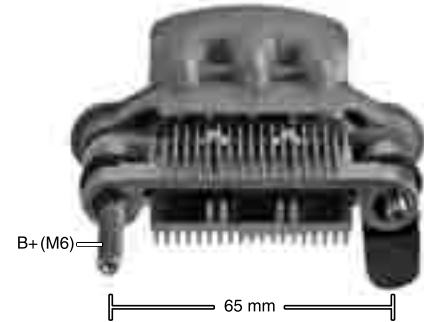
For: Mitsubishi 50A IR/IF Alternators
Used On: (1987) Subaru
Replaces: Mitsubishi A860T14670, A860T27570; Subaru 23830-KA060, 49521-6404
Unit Nos: Mitsubishi A7T30492; Subaru 23700-KA170, 42990-6400, 42990-6500
Lester Nos: 13318, 14967
WAI Ref. Nos: 1-1254-01MI
Dim: 53mm Mtg. Length
 M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes



IMR6542
(Ref# 31-8305)
Rectifier

For: Mitsubishi 50-55A IR/IF Alternators
Used On: Chrysler Imports, Mazda, Mitsubishi
Replaces: Honda 31127-PEO-034, Mando A600C0171; Mazda E356-18-W60A, FE65-24-510; Mitsubishi A860T11970, A860T13370; Mitsubishi Motors MD607828, MD611070
Unit Nos: Mazda F356-18-300A, F651-18-300C; F873-18-300A, B; FE65-18-300B, N304-18-300; Mitsubishi A1T40391, A1T40491, A5T40374; Mitsubishi Motors MD069978, MD074992
Lester Nos: 14694, 14699, 14708, 14908, 14917, 14950
WAI Ref. Nos: 1-1162-01MI, 1-1193-01MI, 1-1194-01MI
Dim: 65mm Mtg. Length
 M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes

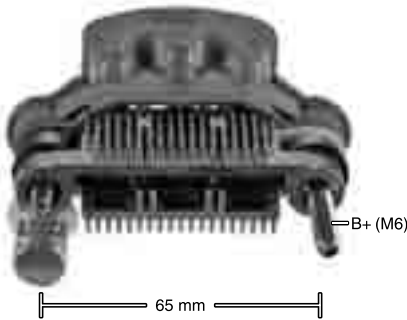
(cont'd.)
WAI Ref. Nos: 1-1017-01MI, 1-1193-01MD, 1-1193-01MI, 1-1194-01MI, 1-1217-01MI
Dim: 65mm Mtg. Length
Note: With diode trio
Features:
 • 6-30A diodes



IMR6570
(Ref# 31-8334)
Rectifier

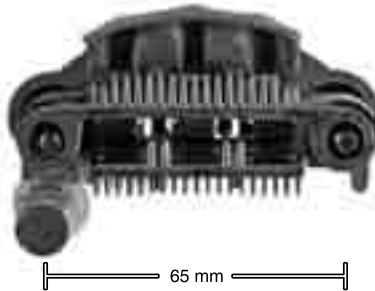
For: Mitsubishi 60A IR/IF Alternators
Used On: (1988-86) Nissan
Replaces: Mitsubishi A860T20570, A860X20599; Nissan 23124-53A10
Unit Nos: Mitsubishi A5T41592, A5T41592B
Lester Nos: 14718
WAI Ref. Nos: 1-1125-01MI
Dim: 65mm Mtg. Length
 M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes

65mm Mtg (Finned Heat Sink)



IMR6540
(Ref# 31-8317)
Rectifier

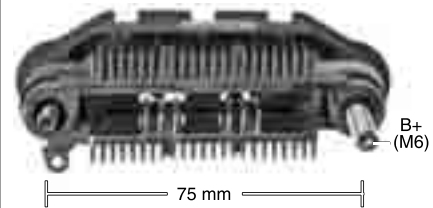
For: Mitsubishi 55A IR/IF Alternators
Used On: (1988) Subaru
Replaces: Mitsubishi A860T22770, Subaru 23830-KA070
Unit Nos: Mitsubishi A1T02592
Lester Nos: 14967
WAI Ref. Nos: 1-1254-01MI
Dim: 65mm Mtg. Length
 M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes



IMR6548
(Ref# 31-8323)
Rectifier

For: Mando, Mitsubishi 50-60A IR/IF Alternators
Used On: (1989-85) Dodge, Honda, Hyundai, Mitsubishi, Plymouth
Replaces: Honda 31127-PM3-004; Mitsubishi A860T16770, A860T27970; Mitsubishi Motors MD611254
Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T02091, A1T02291, A1T04892, A1T40791, A1T40891
Lester Nos: 13266, 14694, 14708, 14876, 14917, 14950
 (cont'd.)

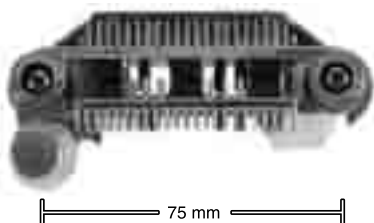
75mm Mtg (Finned Heat Sink)



IMR7512
(Ref# 31-8300)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1986-84) Nissan
Replaces: Mitsubishi A860T17170, Nissan 23124-04F10
Unit Nos: Mitsubishi A2T45272A
Lester Nos: 14657
WAI Ref. Nos: 1-1099-01MI
Dim: 75mm Mtg. Length
 M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes

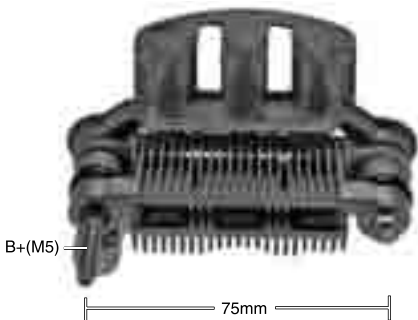
ALTERNATOR - RECTIFIERS (TRANSPO)



IMR7542
(Ref# 31-8301)
Rectifier

For: Mitsubishi 65A IR/IF Alternators
Used On: (1985-84) Mitsubishi
Replaces: Mitsubishi A860T13170, A860T22670; Mitsubishi Motors MD607917
Unit Nos: Mitsubishi A2T41791, A2T41991, A2T42777
Lester Nos: 14447, 14693, 14697, 14706, 14709
WAI Ref. Nos: 1-1186-01MI, 1-1195-01MI
Dim: 75mm Mtg. Length
Note: With diode trio
Features:

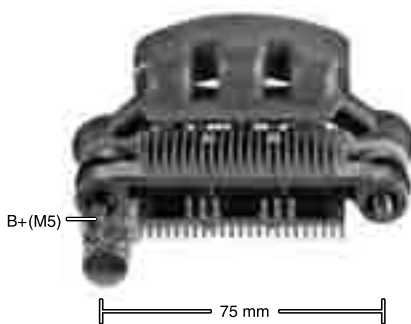
- 6-30A diodes



IMR7544
(Ref# 31-8303)
Rectifier

For: Mitsubishi 50-65A IR/IF Alternators
Used On: (1989-86) Ford, Mazda
Replaces: Ford E9BZ-10304-A; Mazda B359-18-W60, F811-18-W60, FE79-18-W60; Mitsubishi A860T17970, A860T24270
Unit Nos: Mitsubishi A2T17872, A2T41677, A2T44991
Lester Nos: 13259, 14906
WAI Ref. Nos: 1-1141-01MI, 1-1173-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 Batt. Term.
Note: With diode trio
Features:

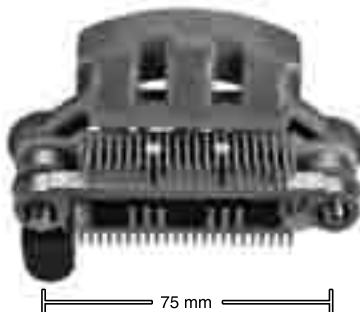
- 6-30A diode



IMR7546
(Ref# 31-8335)
Rectifier

For: Mitsubishi 60-70A IR/IF Alternators
Used On: (1988-86) Mazda
Replaces: Ford E8GY-10304-A; Mazda B601-18-W60; E503-18-W60, -W60A; E5D3-18-W60A, -W60A; Mitsubishi A860T17570, A860T19970
Unit Nos: Mitsubishi A2T04474, A2T13571, A2T13571A, A2T47371, A2T47371A, A2T47474, A2T47974
Lester Nos: 13182, 14903, 14910
WAI Ref. Nos: 1-1135-01MI, 1-2342-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:

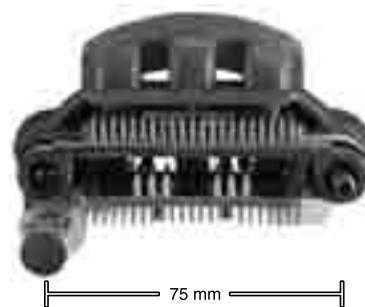
- 6-30A diodes



IMR7548
(Ref# 31-8319)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1989-86) Nissan
Replaces: Mitsubishi A860T17270, A860X17299; Nissan 23124-08E16
Unit Nos: Mitsubishi A2T46395, A2T46395B, A2T48292, A2T48298
Lester Nos: 14243, 14720, 14723, 14724
WAI Ref. Nos: 1-1101-01MI, 1-1126-01MI, 1-1126-02MI
Dim: 75mm Mtg. Length
Note: With diode trio & B+ term. connection strap on opposite end of capacitor
Features:

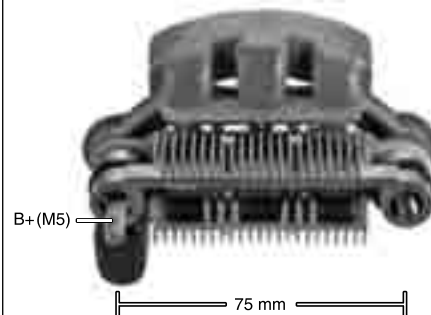
- 6-30A diode



IMR7550
(Ref# 31-8322)
Rectifier

For: Mitsubishi 40-65A IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
Replaces: Hyundai 37367-32500; Mitsubishi A860T16970, A860T17770; Mitsubishi Motors MD611256, MD611307
Unit Nos: Mitsubishi A2T00991, A2T02271, A2T02471, A2T03072, A2T03471, A2T03477, A2T03892, A2T03972, A2T04271, A2T06871, A2T07292, A2T07292A, A2T09691, A2T09792, A2T14792, A2T17692, A2T43791, A2T43891, A2T43892, A2T48691, A2T48791, A2T49891, A2T49972, A2T49977, A2T49992
Lester Nos: 13197, 13332, 14427, 14428, 14429, 14430, 14431, 14432, 14433, 14436, 14437, 14438, 14445, 14447, 14693, 14697, 14706, 14709
WAI Ref. Nos: 1-1186-01MI, 1-1187-01MI, 1-1188-01MI, 1-1191-01MI, 1-1191-02MI, 1-1195-01MI, 1-1201-01MI, 1-1201-02MI, 1-1205-01MI, 1-1207-01MI, 1-1207-02MI, 1-1213-01MI, 1-1224-01MI, 1-2162-01MI
Dim: 75mm Mtg. Length
Note: With diode trio
Features:

- 6-30A diodes



IMR7552
(Ref# 31-8324)
Rectifier

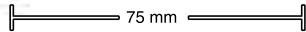
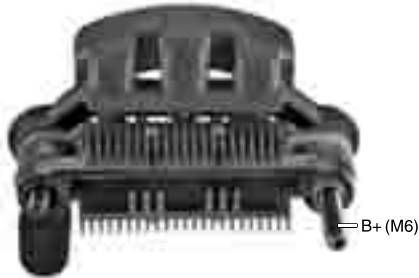
For: Mitsubishi 70A IR/IF Alternators
Used On: Nissan
Replaces: Mitsubishi A860T20270; Nissan 23124-58L10
Unit Nos: Mazda B665-18-300; Mitsubishi A2T02394, A2T02394B, A2T48472; Nissan 23100-07F11, -12C10, -12C11, -12C12
Dim: 75mm Mtg. Length
M5 x 0.8 x 15mm Batt. Term.
Note: With diode trio
Features:

- 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

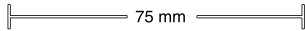
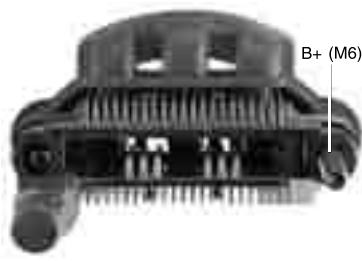
MITSUBISHI

75mm Mtg (Finned Heat Sink)
(cont'd.)



IMR7554
Rectifier

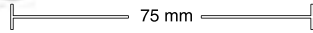
For: Mitsubishi 65-70A IR/IF Alternators
Used On: Nissan
Replaces: Mitsubishi A860T13470, A860T16470; Nissan 23124-05P11, 23124-42L71
Unit Nos: Mitsubishi A2T09392, A2T22991; A2T48176A, B; A2T48195A, B; A5T48195A, B; Mitsubishi Motors MD111148, MD152872; Nissan 23100-05P12, -05P13, -15P12, -15P13
Lester Nos: 14655, 14656, 14725
WAI Ref. Nos: 1-1105-01MI, 1-1105-02MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



IMR7556
(Ref# 31-8342)
Rectifier

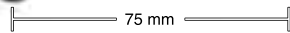
For: Mando, Mitsubishi 70-75A IR/IF Alternators
Used On: (1994-87) Dodge, Eagle, Ford, Hyundai, Mazda, Mitsubishi, Plymouth
Replaces: Ford E92Z-10304-A, Hyundai 37367-24510, Mazda F8B1-18-W60; Mitsubishi A860T27170, A860T28370; Mitsubishi Motors MD611778
Unit Nos: Ford E92Z-10346-A, E92Z-10346-B; Hyundai 37300-22011, 37300-24510; Mando AB175015, AB175019;
(cont'd.)

(cont'd.)
Mazda F202-18-300, F225-18-300, F262-18-300, F881-18-300A; F8B1-18-300, A, B, C; Mitsubishi A2T05892, A2T05893, A2T09493; Mitsubishi Motors MD114620
Lester Nos: 13196, 13701, 14436
WAI Ref. Nos: 1-1142-01MI, 1-1199-01MD, 1-1199-01MI, 1-1834-01MD
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



IMR7558
(Ref# 31-8359)
Rectifier

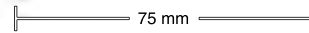
For: Mitsubishi 50-55A IR/IF Alternators
Used On: (2001-89) Chevrolet, Geo, Suzuki
Replaces: Mitsubishi A860T30370, Suzuki 31621-60A20
Unit Nos: Mitsubishi A1T03191, A1T03195, A5TA0791
Lester Nos: 13213, 13336, 13416
WAI Ref. Nos: 1-1229-01MI, 1-1229-02MI, 1-1537-02MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio. 8mm stator lead insulator height.
Similar to IMR7560 except IMR7560 has 11mm stator lead insulator height.
Features:
• 8-30A diodes



IMR7560
(Ref# 31-8337)
Rectifier

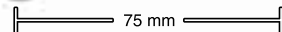
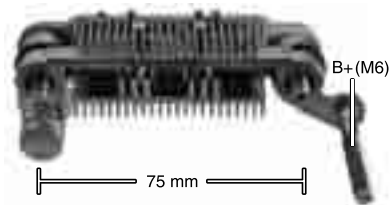
For: Mitsubishi 50-65A IR/IF Alternators
Used On: (1993-89) Mazda
Replaces: Ford F0BZ-10304-A; Mazda B113-18-W60, G608-18-W60; Mitsubishi A860T32670
Unit Nos: Mitsubishi A5T00777, A5T02377

(cont'd.)
Lester Nos: 13211, 13231
WAI Ref. Nos: 1-1157-01MI, 1-1430-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio. 11mm stator lead insulator height.
Similar to IMR7558 except IMR7558 has 8mm stator lead insulator height.
Features:
• 8-30A diodes



IMR7562
(Ref# 31-8345)
Rectifier

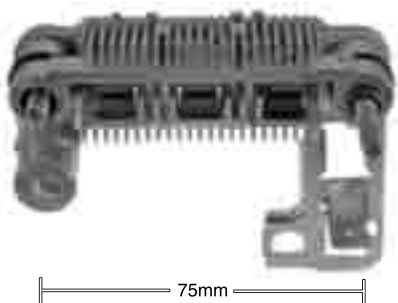
For: Mitsubishi 65A IR/IF Alternators
Used On: (1992-90) Ford, Mazda, Mercury
Replaces: Ford F0CZ-10304-A, Mazda B366-18-W60, Mitsubishi A860T32570
Unit Nos: Mitsubishi A5T00877, A5T01977, A5T02777
Lester Nos: 13314, 13350, 13432
WAI Ref. Nos: 1-1137-01MI, 1-1177-01MI, 1-1428-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes



IMR7564
(Ref# 31-8375)
Rectifier

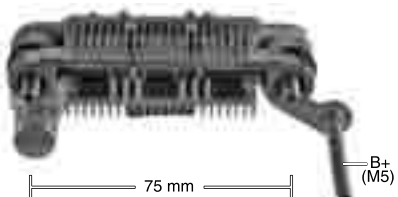
For: Mitsubishi ER/IF Alternators
Used On: Chrysler
Replaces: Mitsubishi A860T22370, Mitsubishi Motors MD611479
Unit Nos: Mitsubishi A2T01483, A2T01583, A2T01683, A2T01783, A2T02084
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IMR7566
Rectifier

For: Mitsubishi 55A IR/EF Alternators
Used On: Ford (Europe)
Unit Nos: Mitsubishi A5T31772
Dim: 75mm Mtg. Length
Note: With diode trio
Features:
 • 6-30A diodes



IMR7568
Rectifier

For: Mitsubishi 60-65A IR/EF Alternators
Used On: Mitsubishi (Diesel)
Replaces: Mitsubishi Motors MD611501, Mitsubishi A860T19370
Unit Nos: Mitsubishi A2T01077, A2T01976, A2T17783, A2T49577; Mitsubishi Motors MD099621, MD105606, MD140189
WAI Ref. Nos: 1-2646-01MI
Dim: 75mm Mtg. Length
 M5 x 0.8 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes



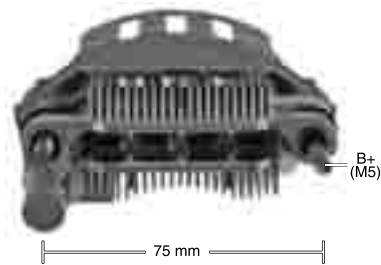
IMR7570
Rectifier
(Ref# 31-8361)

For: Mitsubishi 60-65A IR/IF Alternators
Used On: (1988-87) Dodge, Mitsubishi, Plymouth
Replaces: Mitsubishi A860T24570, Mitsubishi Motors MD611688
Unit Nos: Mitsubishi A2T03691, A2T03792
Lester Nos: 14434, 14435
WAI Ref. Nos: 1-1198-01MI
Dim: 75mm Mtg. Length
 M5 x 0.8 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes



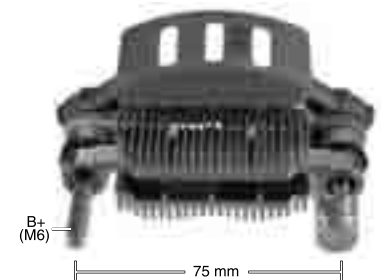
IMR7572
Rectifier
(Ref# 31-8344)

For: Mitsubishi 60A IR/IF Alternators
Used On: (1989-88) Mazda, Mercury
Replaces: Ford E8GY-10304-B, Mazda B675-18-W60, Mitsubishi A860T27070
Unit Nos: Mitsubishi A2T05772, A2T05772X
Lester Nos: 13183, 14905
WAI Ref. Nos: 1-1136-01MI
Dim: 75mm Mtg. Length
 M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
 • 6-30A diodes



IMR7576
Rectifier
(Ref# 31-8371)

For: Mitsubishi 70A IR/IF Alternators
Used On: (1995-94) Honda
Replaces: Mitsubishi A860X45281
Unit Nos: Honda 31100-P08-024, Mitsubishi A5T06391
Lester Nos: 13700
WAI Ref. Nos: 1-1876-01MI
Dim: 75mm Mtg. Length
 M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio.
 For 6-diode version use IMR7590.
Features:
 • 8-30A diodes



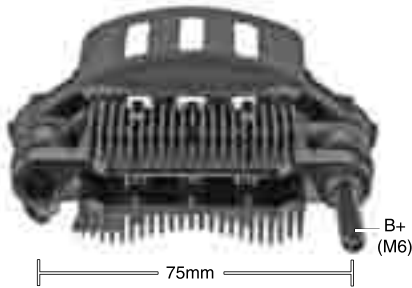
IMR7578
Rectifier
(Ref# 31-8346)

For: Mitsubishi 55A IR/IF Alternators
Used On: (1994-89) Subaru
Replaces: Mitsubishi A860T31570, Subaru 23830-KA090
Unit Nos: Mitsubishi A1T03391, A1T03791
Lester Nos: 13303, 13480
WAI Ref. Nos: 1-1255-01MI, 1-1256-01MI
Dim: 75mm Mtg. Length
 M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

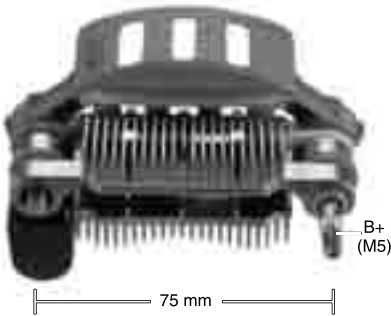
MITSUBISHI

75mm Mtg (Finned Heat Sink)
(cont'd.)



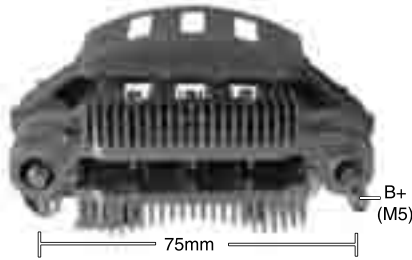
IMR7579
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (2005-01) Acura, Honda
Replaces: Mitsubishi A860X83370
Unit Nos: Honda 31100-PLM-A01, -A02, -C01, -C02; AFGA51, AHGA50; Mitsubishi A5TA7091, ZC; A5TA7191
Lester Nos: 13893
WAI Ref. Nos: 1-2509-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 x 24mm Batt. Term.
Note: Without diode trio.
Without capacitor.
Features:
• 8-30A diodes



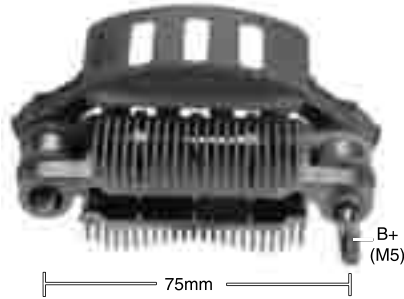
IMR7580
(Ref# 31-8360)
Rectifier

For: Mitsubishi 60-65A IR/IF Alternators
Used On: (1993-90) Mazda
Replaces: Mazda B61P-18-W60
Unit Nos: Mazda B61P-18-300, C, D, E; B64J-18-300B; Mitsubishi A5T01577, A5T03677, A5T03777
Lester Nos: 13227, 13432
WAI Ref. Nos: 1-1160-01MI, 1-1428-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 13mm Batt. Term., Knurled
Note: With diode trio
Features:
• 6-30A diodes



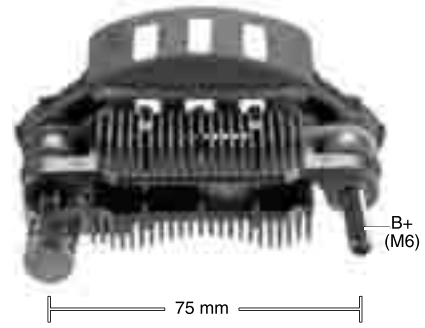
IMR7581
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (2003-99) Chevrolet, Suzuki
Replaces: GM 91174654
Unit Nos: GM 30020754, 30026055, 30027273; Mitsubishi A5TA4291; Suzuki 31400-65D00, -65D01, -67D01
Lester Nos: 13781
WAI Ref. Nos: 1-2241-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: Without diode trio.
Without capacitor.
For 6-diode version use IMR75816
Features:
• 8-30A diodes



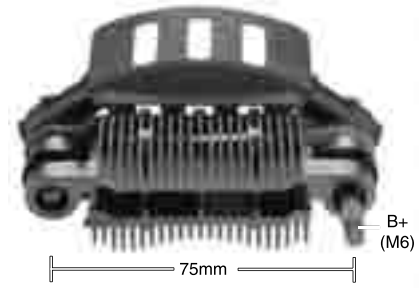
IMR75816
Rectifier

For: Mitsubishi 65-70A IR/IF Alternators
Used On: (2001-99) Chevrolet, Honda, Suzuki
Replaces: Mitsubishi A860X70970
Unit Nos: GM 30021755, 30026056; Honda 31100-PEJ-004, AHGA35; Mitsubishi A5TA3891, A5TA3891A, A5TA4591; Suzuki 31400-66D00, 31400-66D01
Lester Nos: 13649, 13780
WAI Ref. Nos: 1-2094-01MI, 1-2223-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: Without diode trio.
Without capacitor.
For 8-diode version use IMR7581.
Features:
• 6-30A diodes



IMR7582
(Ref# 31-8376)
Rectifier

For: Mitsubishi 50-70A IR/IF Alternators
Used On: (1998-90) Chevrolet, Eagle, Geo, Mitsubishi, Suzuki
Replaces: Mazda B3C7-18-W60, Mitsubishi A860T37070, Mitsubishi Motors MD618883
Unit Nos: Mitsubishi A5T03391, A5T05091, A5T07091, A5T07092, A5TA0391
Lester Nos: 13336, 13415, 13584, 13717
WAI Ref. Nos: 1-1537-01MI, 1-1537-02MI, 1-1955-01MI, 1-2205-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



IMR7583
Rectifier

For: Mitsubishi IR/IF Alternators
Used On: Ford (Germany)
Unit Nos: Ford 97MF-10300-AA, -AB; Mitsubishi A5TA2591
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



75 mm

IMR7584
(Ref# 31-8370)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1995-92) Honda
Replaces: Honda 04311-P01-014, Mitsubishi A860T38570
Unit Nos: Mitsubishi A5T04292
Lester Nos: 13608
WAI Ref. Nos: 1-1831-01MI
Dim: 75mm Mtg. Length
Note: With diode trio
Features:
• 8-30A diodes



75 mm

IMR7588
Rectifier

For: Mando, Mitsubishi 50-60A IR/IF Alternators
Used On: Mazda
Replaces: Mitsubishi Motors MD618844; Mitsubishi A860T46570, A860X46570
Unit Nos: Hyundai 37300-02503; Mando AB160108; Mitsubishi A1T06391, A1T06672, A1TA0091, A1TA0291, A1TA0491, A1TA0591, A1TA0691, A1TA0791, A1TA0891; Mitsubishi Motors MD300720, MD305885, MD311138, MD311711, MD311712, MD317530, MD317531, MD319045, MD319317
Dim: 75mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



75 mm

IMR7596
Rectifier

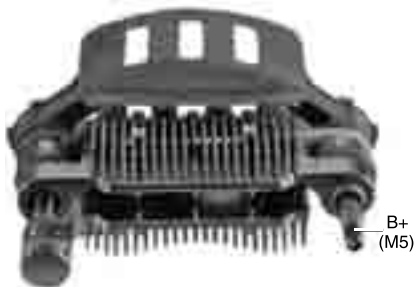
For: Mitsubishi 50A ER/IF Alternators
Used On: Peugeot
Unit Nos: Citroen 95624961, 95632024, 95632727, 95638817; Mitsubishi A1T02674, A1T02674D; Peugeot 57052J
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



75 mm

IMR7586
(Ref# 31-8341)
Rectifier

For: Mitsubishi 65-70A IR/IF Alternators
Used On: (1989-86) Mazda, Nissan
Replaces: Mazda JF01-18-W60; Mitsubishi A860T20070, A860T23570, A860X20099; Nissan 23124-51S10
Unit Nos: Mitsubishi A2T07577, A2T47794, A2T47794B
Lester Nos: 13292, 14979
WAI Ref. Nos: 1-1098-01MI, 1-1149-01MI
Dim: 75mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes



75 mm

IMR7590
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1998-96) Honda
Unit Nos: Honda 31100-P2E-A01, 31100-P2E-A02, AHGA24; Mitsubishi A5TA0991
Lester Nos: 13649
WAI Ref. Nos: 1-2094-01MI
Dim: 75mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio.
For 8-diode version use IMR7576.
Features:
• 6-30A diodes



85 mm

IMR8540
(Ref# 31-8318)
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Replaces: Ford E8PZ-10304-B, Mitsubishi A860T28670
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Dim: 85mm Mtg. Length
Note: With diode trio
Features:
• 6-30A diodes

85mm Mtg (Finned Heat Sink)

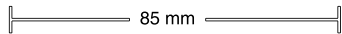
ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

85mm Mtg (Finned Heat Sink)
(cont'd.)

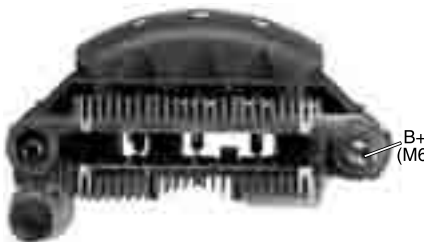


B+
(M6)

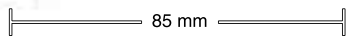


IMR8542
(Ref# 31-8327)
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (1988) Ford
Replaces: Ford E8PZ-10304-A, GYE-1379; Mitsubishi A860T28770
Unit Nos: Ford E8SF-10300-AA, E8SF-10346-A, E8SZ-10346-A; Mitsubishi A3T01496
Lester Nos: 13189
WAI Ref. Nos: 1-1182-01MI
Dim: 85mm Mtg. Length M6 x 1.0 x 25mm Batt. Term.
Note: With diode trio
Features:
• 6-30A diodes

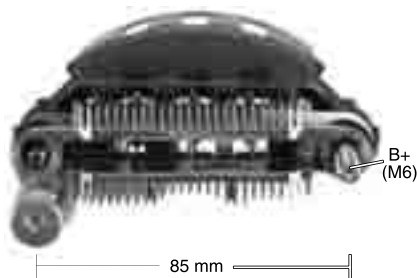


B+
(M6)

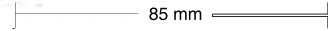


IMR8544
(Ref# 31-8336)
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (1990-88) Mitsubishi
Replaces: Mando A600C3201, Mitsubishi A860T23170, Mitsubishi Motors MD611585
Unit Nos: Mitsubishi A3T00792, Mitsubishi Motors MD112322,
Lester Nos: 13272
WAI Ref. Nos: 1-1192-01MI
Dim: 85mm Mtg. Length M6 x 1.0 Batt. Term.
Note: With diode trio. 20mm stator lead insulator height. Similar to IMR8546 except IMR8546 has 16mm stator lead insulator height.
Features:
• 6-30A diodes



B+
(M6)

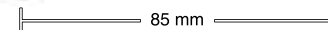


IMR8546
(Ref# 31-8352)
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: (1998-89) Ford, Mazda, Mercury
Replaces: Ford F02Z-10304-A, F0JY-10304-A; Mazda F285-18-W60, F290-18-W60, JE15-18-W60; Mitsubishi A860T31370, A860T34070
Unit Nos: Mitsubishi A2T13977, A2T19677, A2T19877, A2T19991, A2T20191, A2T32899
Lester Nos: 13253, 13282, 13297
WAI Ref. Nos: 1-1145-01MI, 1-1150-01MI, 1-1150-02MI
Dim: 85mm Mtg. Length M6 x 1.0 Batt. Term.
Note: With diode trio. 16mm stator lead insulator height. Similar to IMR8544 except IMR8544 has 20mm stator lead insulator height.
Features:
• 6-30A diodes

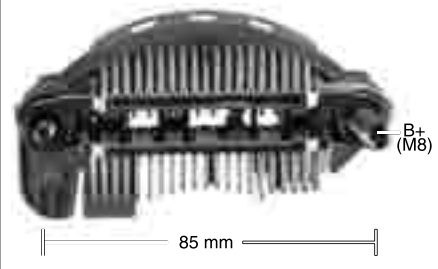


B+
(M5)

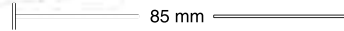


IMR8548
(Ref# 31-8380)
Rectifier

For: Mitsubishi 65A IR/IF Alternators
Used On: (1991) Ford, Mercury
Replaces: Ford F1CZ-10304-A, Mazda B366-18-W60A, Mitsubishi A860T38270
Unit Nos: Mitsubishi A2T34477
Lester Nos: 13350
WAI Ref. Nos: 1-1177-01MI
Dim: 85mm Mtg. Length M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 6-30A diodes

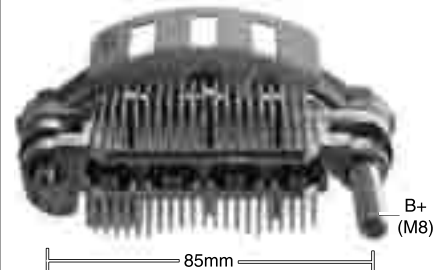


B+
(M8)

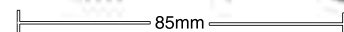


IMR8566
(Ref# 31-8382)
Rectifier

For: Mitsubishi 70A ED/IF Alternators
Used On: (2001-97) Kia, Mazda
Replaces: Mitsubishi A860T57870
Unit Nos: Kia MZ599-18-300A; Mazda Z599-18-300A, C; Mitsubishi A2TB0091
Lester Nos: 13718
WAI Ref. Nos: 1-2061-01MI
Dim: 85mm Mtg. Length M8 x 1.25 Batt. Term.
Note: Without diode trio. Without capacitor.
For 8-diode version use IMR85668.
Features:
• 6-30A diodes



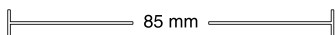
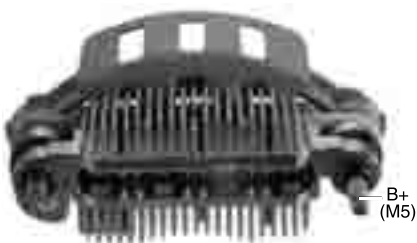
B+
(M8)



IMR85668
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (2002-98) Mitsubishi
Replaces: Mitsubishi Motors MD619284; Mitsubishi A860X58070
Unit Nos: Mitsubishi A2TA5391, A2TA5394; Mitsubishi Motors MD317862, MD363639
Lester Nos: 13787, 13840
WAI Ref. Nos: 1-2204-01MI, 1-2204-02MI
Dim: 85mm Mtg. Length M8 x 1.25 Batt. Term.
Note: Without diode trio. Without capacitor.
For 6-diode version use IMR8566.
Features:
• 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IMR8567
Rectifier

For: Mitsubishi 75A IR/IF Alternators

Used On: (1998-97) Subaru

Replaces: Mitsubishi A860X61970

Unit Nos: Mitsubishi A2TA7691;

Subaru 23700-AA290

Lester Nos: 13752

WAI Ref. Nos: 1-2097-01MI

Dim: 85mm Mtg. Length

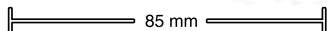
M5 x 0.8 Term. for Side-Mount B+

Note: Without diode trio.

Without capacitor.

Features:

- 6-30A diodes



IMR8568
(Ref# 31-8384)
Rectifier

For: Mitsubishi 85A ER/IF Alternators

Used On: (2001-98) Dodge, Plymouth

Unit Nos: Chrysler 4793692,

4793692AB, 4794222AA;

Mitsubishi A2TB1491, A2TB1492,

A2TB2791

Lester Nos: 13735

WAI Ref. Nos: 1-2107-01MI

Dim: 85mm Mtg. Length

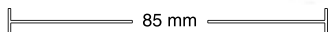
M6 x 1.0 Batt. Term.

Note: Without diode trio.

Without capacitor.

Features:

- 6-30A diodes



IMR8570
(Ref# 31-8328)
Rectifier

For: Mitsubishi 90A IR/IF Alternators

Used On: (1994-89) Ford, Mercury

Replaces: Ford E9PZ-10304-A,

Mitsubishi A860T30870

Unit Nos: Ford E9DF-10300-BB,

E9DZ-10346-A; F02U-10300-AA, -AC;

F02Z-10346-A, F33U-10300-BA,

F33Z-10346-A, F3DU-10300-DA,

F3DZ-10346-C; Mazda F278-18-300B;

Mitsubishi A3T00491, A3T00896,

A3T12691, A3T12792

Lester Nos: 13230, 13298

WAI Ref. Nos: 1-1175-01MI,

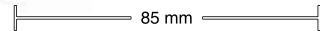
1-1183-01M

Dim: 85mm Mtg. Length

Note: With diode trio

Features:

- 8-30A diodes



IMR8574
(Ref# 31-8353)
Rectifier

For: Mitsubishi 90A IR/IF Alternators

Used On: (1996-90) Dodge, Hyundai,

Mitsubishi

Replaces: Hyundai 37367-35021,

Mitsubishi A860T23270,

Mitsubishi Motors MD611586

Unit Nos: Mitsubishi A3T00692,

A3T04292

Lester Nos: 13352

WAI Ref. Nos: 1-1221-01MI

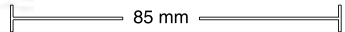
Dim: 85mm Mtg. Length

M6 x 1.0 Batt. Term.

Note: With diode trio

Features:

- 8-30A diodes



IMR8572
(Ref# 31-8388)
Rectifier

For: Mitsubishi 90A IR/IF Alternators

Used On: (1990-88) Subaru

Unit Nos: Mitsubishi A3T01691,

Subaru 23700-AA060,

Lester Nos: 13263

WAI Ref. Nos: 1-1259-01MI

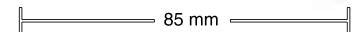
Dim: 85mm Mtg. Length

M5 x 0.8 x 18mm Batt. Term., Knurled

Note: With diode trio

Features:

- 8-30A diodes



IMR8576
(Ref# 31-8362)
Rectifier

For: Mitsubishi 80A IR/IF Alternators

Used On: (1993-90) Infiniti, Nissan

Replaces: Mitsubishi A860T29970,

A860X29999, A860X35099;

Nissan 23124-35F10

Unit Nos: Mitsubishi A2T13894,

A2T14694, A2T18792

Lester Nos: 13286, 13549

WAI Ref. Nos: 1-1120-01MI,

1-1427-01MI, 1-2164-01MI

Dim: 85mm Mtg. Length

M5 x 0.8 x 18mm Batt. Term., Knurled

Note: With diode trio

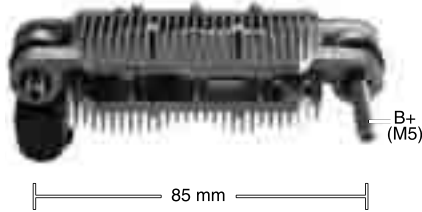
Features:

- 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

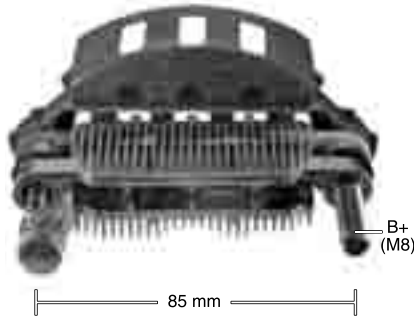
MITSUBISHI

85mm Mtg (Finned Heat Sink)
(cont'd.)



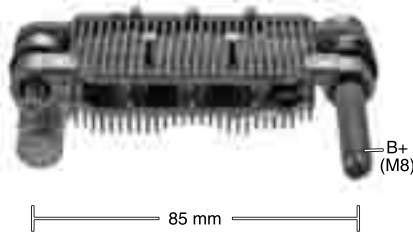
IMR8578
Rectifier

For: Mitsubishi 40A/24V Brushless IR/EF Alternators
Used On: Mitsubishi Industrial
Replaces: Mitsubishi A860T29370, Mitsubishi Motors ME701030
Unit Nos: Mitsubishi A4T58289, A4T58686, A4T58689, A4T58699, A4T58786, A4T58799, A4T58986, A4T58989, A4T58999, A4T59086, A4T59199, A4T59786, A4T66486, A4T75586, A6T55189; Mitsubishi Motors ME060076, ME077138, ME077404, ME077574, ME087566, ME087630, ME087643, ME090198, ME090592, ME091535, ME15014
Lester Nos: 12315
Dim: 85mm Mtg. Length M5 x 0.8 Batt. Term.
Note: With diode trio. With P-terminal.
Features:
 • 6-30A diodes



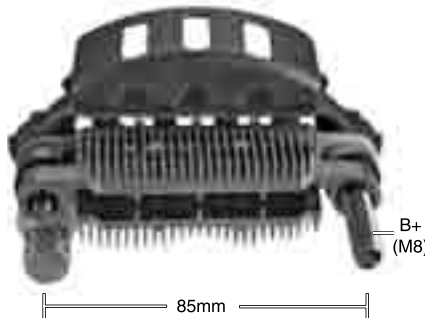
IMR8580
Rectifier

For: Mitsubishi 80A IR/IF Alternators
Used On: (1992-90) Ford, Mazda
Replaces: Ford F02Z-10304-B, Mazda JF07-18-W60, Mitsubishi A860T32170
Unit Nos: Ford F02Z-10346-C; F02Z-10346-E, -G; Mazda F288-18-300A, B; F2F8-18-300, B, C, D; Mitsubishi A2T20091
Lester Nos: 13299
WAI Ref. Nos: 1-1143-01MI
Dim: 85mm Mtg. Length M8 x 1.25 Batt. Term.
Note: With diode trio.
 For 8-diode version use IMR8582.
Features:
 • 6-30A diodes



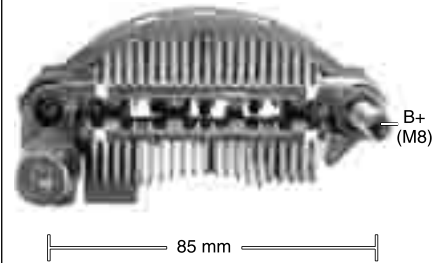
IMR8581
Rectifier

For: Mitsubishi 40A/24V IR/EF Alternators
Used On: Mitsubishi Industrial, Fuso Truck
Replaces: Mitsubishi Motors ME701375; Mitsubishi A860X47870
Unit Nos: Mitsubishi A4T40289, A4T40386, A4T40389, A4T70078, A4T70086, A4T70099, A4T70186, A4T70189, A4TU3085, A4TU3088, A4TU3186, A4TU3586, A9TU3099, A9TU3199; Mitsubishi Motors ME011886, ME017632, ME077788, ME077789, ME077790, ME077869, ME092899, ME093245, ME093246, ME093256, ME151217, ME151974, ME160918, ME163230
Dim: 85mm Mtg. Length M8 x 1.25 Batt. Term.
Note: With heavy duty diode trio. With P-terminal.
Features:
 • 8-30A diodes



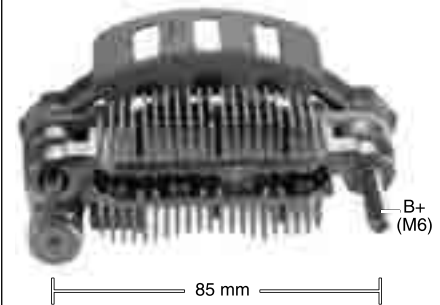
IMR8582
(Ref# 31-8350)
Rectifier

For: Mitsubishi 80A IR/IF Alternators
Used On: (1992-90) Ford, Mazda
Replaces: Ford F02Z-10304-B, Mazda JF07-18-W60, Mitsubishi A860T32170
Unit Nos: Mitsubishi A2T20091
Lester Nos: 13299
WAI Ref. Nos: 1-1143-01MI
Dim: 85mm Mtg. Length M8 x 1.25 Batt. Term.
Note: With diode trio.
 For 6-diode version use IMR8580.
Features:
 • 8-30A diodes



IMR8588
Rectifier

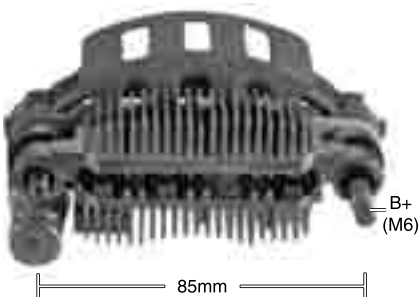
For: Mitsubishi 50-75A IR/IF Alternators
Used On: (1998-93) Eagle, Mitsubishi, Plymouth
Replaces: Mitsubishi Motors MD618752; Mitsubishi A860T42670
Unit Nos: Mitsubishi A2T38391, A2T81791, A2TA0891, A2TA0892; A2TA2871, A; Mitsubishi Motors MD190819, MD198164, MD313392, MD316418, MD327513, MD354809, MD354809A
Lester Nos: 12311, 13451, 13586
WAI Ref. Nos: 1-1829-01MI, 1-2023-01MI, 1-2023-02MI, 1-2153-01MI
Dim: 85mm Mtg. Length M8 x 1.25 Batt. Term.
Note: With diode trio.
 For 8-diode version use IMR8594
Features:
 • 6-30A diodes



IMR8590
(Ref# 31-8367)
Rectifier

For: Mitsubishi 60-70A IR/IF Alternators
Used On: (1996-92) Dodge, Eagle, Mitsubishi, Plymouth
Replaces: Mitsubishi A860T38770, Mitsubishi Motors MD618568
Unit Nos: Mitsubishi A2T34892, A2T35092, A2T38892, A2T40092
Lester Nos: 13430, 13439, 13450
WAI Ref. Nos: 1-1832-01MI, 1-1833-01MI
Dim: 85mm Mtg. Length M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
 • 6-30A diodes

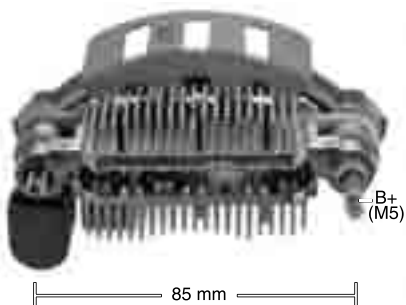
ALTERNATOR - RECTIFIERS (TRANSPO)



IMR8591
(Ref# 31-8383)
Rectifier

For: Mitsubishi 65-70A IR/IF Alternators
Used On: (1997-94) Mazda
Replaces: Mazda BPE8-18-W60, Mitsubishi A860X47770
Unit Nos: Mazda 2505-18-300, B6BF-18-300, BPE8-18-300; BPE9-18-300, A; Z505-18-300A; Mitsubishi A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891
Lester Nos: 13559, 13614, 13698
WAI Ref. Nos: 1-1956-01MI, 1-1957-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 x 19mm Batt. Term., Knurled
Note: With diode trio
Features:

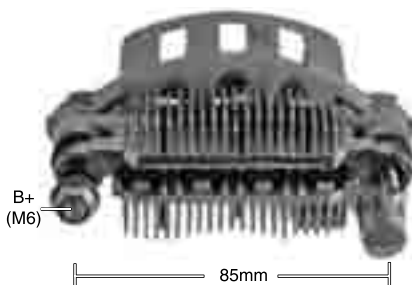
- 6-30A diodes



IMR8592
(Ref# 31-8351)
Rectifier

For: Mitsubishi 65-75A IR/IF Alternators
Used On: (1996-91) Ford, Mazda, Mercury, Subaru
Replaces: Ford F1CZ-10304-B; Mazda B366-18-W60B, B66S-18-W60; Mitsubishi A860T37670, 39170; Subaru 23830-AA070
Unit Nos: Mitsubishi A2T33991, A2T35177, A2T39091
Lester Nos: 13350, 13479, 13523
WAI Ref. Nos: 1-1177-01MI, 1-1873-01MI, 1-1891-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio.
For 8-diode version use IMR85100.
Features:

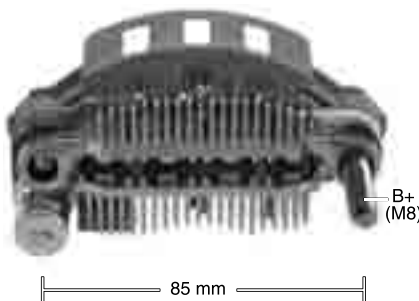
- 6-30A diodes



IMR8593
Rectifier

For: Mitsubishi 80A IR/IF Alternators
Used On: (1994) Infiniti
Unit Nos: Mitsubishi A2T35791, A2T35791A, A2T35792A; Nissan 23100-64J13, -64J15, -64J16
Lester Nos: 13549
WAI Ref. Nos: 1-1427-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 x 19mm Batt. Term., Knurled
Note: With diode trio
Features:

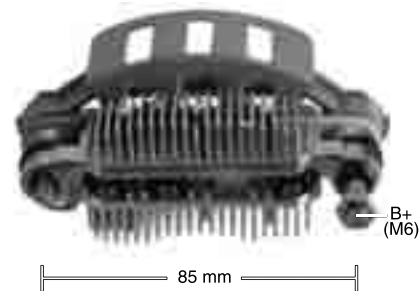
- 8-30A diodes



IMR8594
(Ref# 31-8363)
Rectifier

For: Mitsubishi 80-90A IR/IF Alternators
Used On: (2001-93) Ford, Mazda, Mitsubishi
Replaces: Ford F32Z-10304-A, Mazda FS11-18-W60; Mitsubishi A860T39070, A860X44170; Mitsubishi Motors MD618811
Unit Nos: Ford F32Z-10346-A; Mazda FS11-18-300A, B; Mitsubishi A2T33891, A2T38392, A2T80591, A2T82791, A2T82792, A2T82899, A2TA0991; Mitsubishi Motors MD194482, MD304129, MD306649, MD310997, MD313939, MD314235, MD314236, MD314374, MD315430, MD327535
Lester Nos: 13445, 13585, 13616
WAI Ref. Nos: 1-1598-01MI, 1-1959-01MI, 1-2101-01MI, 1-2101-02MI
Dim: 85mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio.
For 6-diode version use IMR8588
Features:

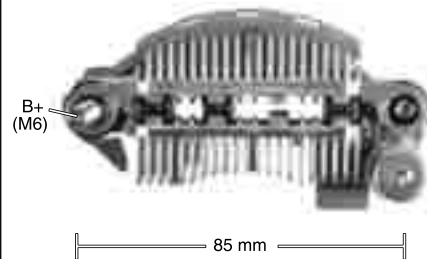
- 8-30A diodes



IMR8595
Rectifier

For: Mitsubishi 75A IR/IF Alternators
Used On: (2002-99) Subaru
Unit Nos: Mitsubishi A2TB2991, Subaru 23700-AA390
Lester Nos: 13820
WAI Ref. Nos: 1-2232-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 x 19mm Batt. Post
Note: Without diode trio. Without capacitor.
Features:

- 6-30A diodes



IMR8596
Rectifier

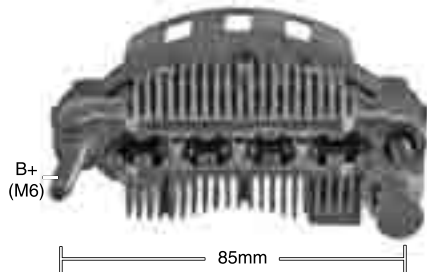
For: Mitsubishi 85A ER/IF Alternators
Used On: (1995) Dodge, Plymouth
Unit Nos: Chrysler 4686106, Mitsubishi A2T81291, A2T81391
Lester Nos: 13580
WAI Ref. Nos: 1-1874-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio.
For 8-diode version use IMR8597.
Features:

- 6-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

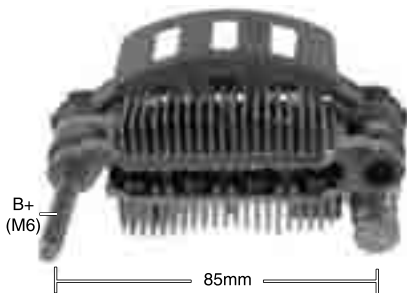
85mm Mtg (Finned Heat Sink)
(cont'd.)



IMR8597
(Ref# 31-8374)
Rectifier

For: Mitsubishi 85-90A ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Chrysler 4609101, 4609125, 4609320, 4661998, 4671041, 4793189; Mitsubishi A2T81192, A2T81292, A2TA3791, A2TA7491; Mitsubishi Motors MO4661998, MO4671041
Lester Nos: 13575, 13580
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio.
For 6-diode version use IMR8596.
Features:

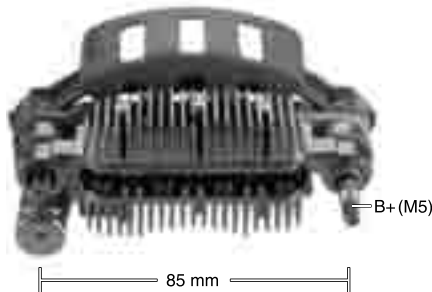
- 8-30A diodes



IMR8598
(Ref# 31-8369)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1996-93) Infiniti, Nissan
Replaces: Mitsubishi A860T39270
Unit Nos: Mitsubishi A2T33593, A; Nissan 23100-0P515, 23100-0P516
Lester Nos: 13478
WAI Ref. Nos: 1-1830-01MI
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:

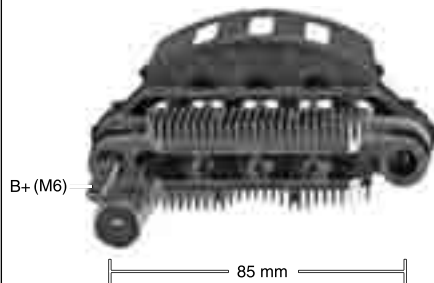
- 8-30A diodes



IMR85100
(Ref# 31-8381)
Rectifier

For: Mitsubishi 80-90A IR/IF Alternators
Used On: Mazda
Replaces: Honda 04311-P0G-A02, Mazda FS05-18-W60, Mitsubishi 860T38970
Unit Nos: Honda 31100-P0G-A02, -A03; Mazda FS05-18-300; Mitsubishi A2T33191, A2TA2191
Lester Nos: 13648
WAI Ref. Nos: 1-2095-01MI
Dim: 85mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term.
Note: With diode trio.
For 6-diode version use IMR8592.
Features:

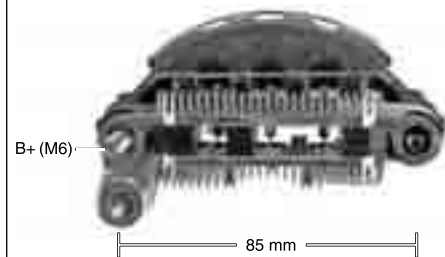
- 8-30A diodes



IMR85104
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: Ford (Europe)
Unit Nos: Ford 92AB-10300-JA; Mitsubishi A2T32692
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio.
For 6-diode version use IMR85106.
Features:

- 8-30A diodes

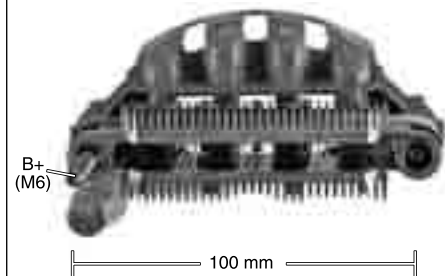


IMR85106
Rectifier

For: Mitsubishi 70A IR/IF Alternators
Used On: Ford (Europe)
Unit Nos: Ford 92AB-10300-FA; Mitsubishi A2T14591, A2T28792
Dim: 85mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio.
For 8-diode version use IMR85104.
Features:

- 6-30A diodes

100mm Mtg (Finned Heat Sink)

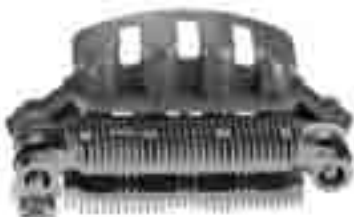


IMR10040
(Ref# 31-8329)
Rectifier

For: Mitsubishi 110A IR/IF Alternators
Used On: (1995-89) Ford, Mercury
Replaces: Ford E9PZ-10304-B, Mitsubishi A860T31170
Unit Nos: Mitsubishi A4T00796, A4T03591
Lester Nos: 13212
WAI Ref. Nos: 1-1184-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:

- 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



100 mm

IMR10042
(Ref# 31-8325)
Rectifier

For: Mitsubishi 65-90A IR/IF Alternators
Used On: (1994-87) Dodge, Eagle, Mitsubishi, Plymouth

Replaces: Mitsubishi A860T23070, A860T28070; Mitsubishi Motors MD611564, MD611768

Unit Nos: Mitsubishi A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T04493, A3T08293, A3T41876, A3T45693, A3T45694

Lester Nos: 13238, 13249, 13257, 13271, 13289, 13290

WAI Ref. Nos: 1-1189-01MI, 1-1202-01MI, 1-1215-01MI, 1-1216-01MI, 1-1227-01MI, 1-1434-01MI

Dim: 100mm Mtg. Length

Note: With diode trio

Features:

- 8-30A diodes



100 mm

IMR10044
(Ref# 31-8338)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1991) Subaru

Replaces: Mitsubishi A860T30170, Subaru 23830-AAQ30

Unit Nos: Mitsubishi A3T03891, Subaru 23700-AA061

Lester Nos: 13263

WAI Ref. Nos: 1-1259-01MI

Dim: 100mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term.

Note: With diode trio

Features:

- 8-30A diodes



100mm

IMR10048
Rectifier

For: Mitsubishi 90A IR/IF Alternators

Used On: (1995-92) Mitsubishi

Replaces: Mitsubishi Motors MD618422, Mitsubishi A860T36070

Unit Nos: Mitsubishi A4T01793, A4T01893, A4T02991, A4T03091; Mitsubishi Motors MD160539, MD160540, MD197468, MD197469

Lester Nos: 13435

WAI Ref. Nos: 1-1595-01MI

Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.

Note: With diode trio

Features:

- 6-30A diodes



100 mm

IMR10050
(Ref# 31-8339)
Rectifier

For: Mando, Mitsubishi 110A IR/IF Alternators

Used On: (1995-91) Dodge, Hyundai, Mitsubishi

Replaces: Mitsubishi A860T26070; Mitsubishi Motors MD611742

Unit Nos: Hyundai 37300-35570, 37300-35571, 37300-35573; Mando AB111057; Mitsubishi A4T01493, A4T03191; Mitsubishi Motors MD150657, MD197470

Lester Nos: 13351, 13703

WAI Ref. Nos: 1-1432-01MI, 1-2430-01MI

Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.

Note: With diode trio

Features:

- 8-30A diodes



100 mm

IMR10057
Rectifier

For: Mitsubishi 95A IR/IF Alternators

Used On: Ford Transit (Europe)

Unit Nos: Ford 98VB-10K359-BA, -BB, -BC; Mitsubishi A3TN1791

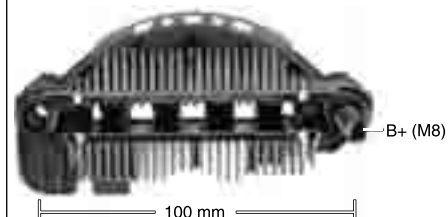
WAI Ref. Nos: 1-2613-01MI

Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.

Note: With heavy duty diode trio

Features:

- 8-30A diodes



100 mm

IMR10058
Rectifier

For: Mitsubishi 85-125A IR/IF Alternators

Used On: (2003-97) Mercury, Mitsubishi, Nissan

Replaces: Mitsubishi A860X58170

Unit Nos: Ford XF52-10300-AC, XF5Z-10346-AA; Mitsubishi A3TA0791A, A3TA5691; Nissan 23100-7B000; Mitsubishi Motors MD350608

Lester Nos: 13692, 13821

WAI Ref. Nos: 1-2147-01MI, 1-2269-01MI

Dim: 100mm Mtg. Length
M8 x 1.25 x 30mm Batt. Term.

Note: Without diode trio.

Without capacitor.

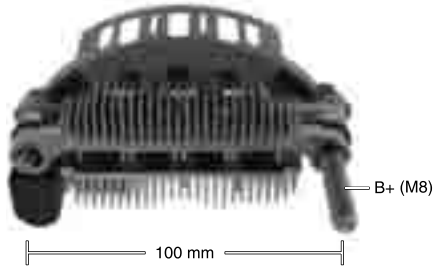
Features:

- 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

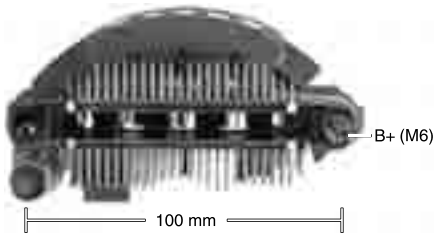
MITSUBISHI

100mm Mtg (Finned Heat Sink)
(cont'd.)



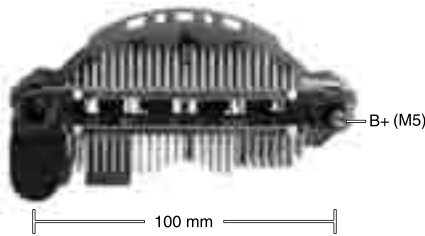
IMR10060
(Ref# 31-8358)
Rectifier

For: Mitsubishi 110A IR/IF Alternators
Used On: (1995-93) Mercury, Nissan
Replaces: Ford F3XA-10304-AA, F3XY-10304-A; Mitsubishi A860T39970
Unit Nos: Mitsubishi A4T02591
Lester Nos: 13473
WAI Ref. Nos: 1-1601-01MI
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



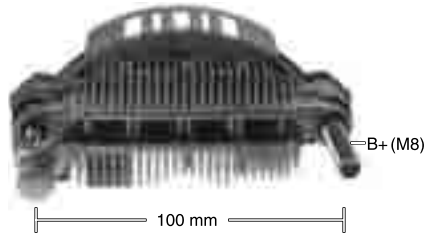
IMR10062
(Ref# 31-8357)
Rectifier

For: Mitsubishi 120A IR/IF Alternators
Used On: (1995-93) Ford
Replaces: Ford F3DZ-10304-A, Mitsubishi A860T42070
Unit Nos: Mitsubishi A6T41591
Lester Nos: 13447
WAI Ref. Nos: 1-1590-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



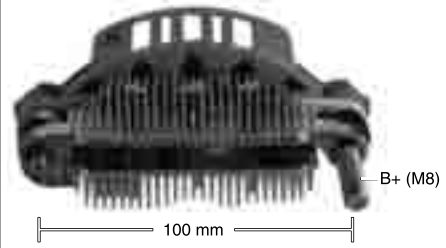
IMR10064
(Ref# 31-8356)
Rectifier

For: Mitsubishi 90-100A IR/IF Alternators
Used On: (2001-92) Ford, Mazda
Replaces: Ford F32Z-10304-B; Mazda K801-18-W60, N3A1-18-W60; Mitsubishi A860T38670, A860T40270
Unit Nos: Mitsubishi A3T08491, A3T08591
Lester Nos: 13446, 13460
WAI Ref. Nos: 1-1600-01MI, 1-1828-01MI
Dim: 100mm Mtg. Length
M5 x 0.8 Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes



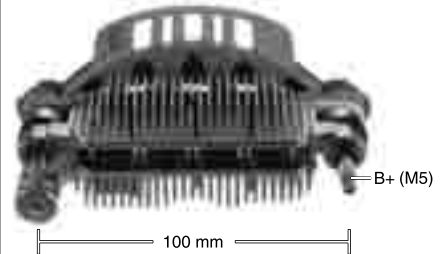
IMR10066
(Ref# 31-8355)
Rectifier

For: Mitsubishi 90-110A IR/IF Alternators
Used On: (1998-92) Mazda, Mercury, Nissan
Replaces: Mazda JE48-18-W60, -W60B; Mitsubishi A860T36770
Unit Nos: Mitsubishi A3T07592, A3TA1091
Lester Nos: 13473, 13511
WAI Ref. Nos: 1-1599-01MI, 1-1601-01MI
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With diode trio
Features:
• 8-30A diodes



IMR10067
Rectifier

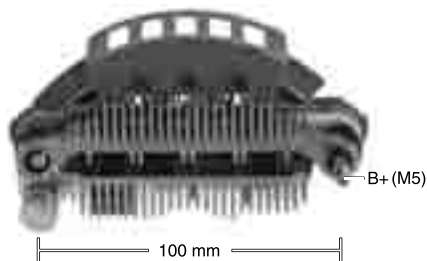
For: Mitsubishi 85A IR/IF Alternators
Used On: (2005-02) Chrysler, Dodge, Mitsubishi
Unit Nos: Mitsubishi Motors MD362301, MD373093; Mitsubishi A3TB3491
Lester Nos: 13886
WAI Ref. Nos: 1-2355-02MI
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: Without diode trio.
Without capacitor.
Features:
• 6-30A diodes



IMR10068
Rectifier

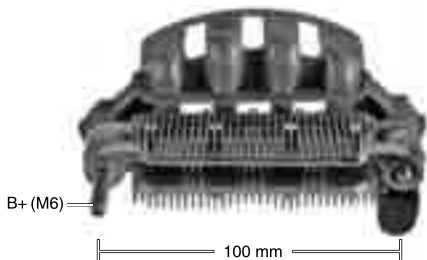
For: Mitsubishi 100A IR/IF Alternators
Used On: (1996-93) Mazda
Replaces: Mazda N3A1-18-W60, Mitsubishi A860T40270
Unit Nos: Mazda N3A1-18-300, N3A1-18-300A; Mitsubishi A3T08591
Lester Nos: 13460
WAI Ref. Nos: 1-1828-01MI
Dim: 100mm Mtg. Length
M5 x 0.8 x 18mm Batt. Term., Knurled
Note: With diode trio
Features:
• 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



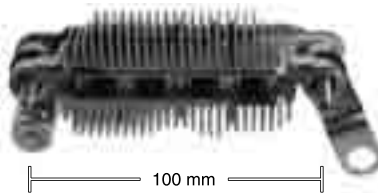
IMR10070
(Ref# 31-8364)
Rectifier

For: Mitsubishi 120A IR/IF Alternators
Used On: (1995-93) Lincoln
Replaces: Ford F3LY-10304-A, Mitsubishi A860T41370
Unit Nos: Ford F3LU-10300-BA, -BB, -BC; F3LY-10346-A; Mitsubishi A6T41491
Lester Nos: 13448
WAI Ref. Nos: 1-1589-01MI
Dim: 100mm Mtg. Length
Note: With heavy duty diode trio
Features:
 • 8-35A diodes



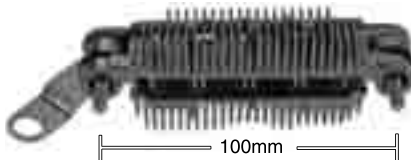
IMR10072
(Ref# 31-8340)
Rectifier

For: Mitsubishi 90A IR/IF Alternators
Used On: (1993-90) Nissan
Replaces: Mitsubishi A860T31770, A860X34799; Nissan 23124-31P10
Unit Nos: Mitsubishi A3T05192, Nissan 23100-31P10
Lester Nos: 13293
WAI Ref. Nos: 1-1108-01MI
Dim: 100mm Mtg. Length
Note: With diode trio
Features:
 • 8-30A diodes



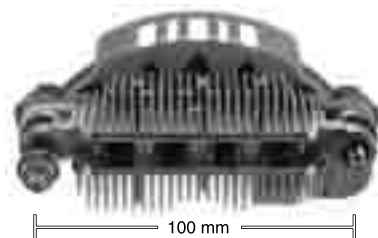
IMR10074
(Ref# 31-8387)
Rectifier

For: Mitsubishi 215A IR/EF Alternators
Used On: Ford Ambulance, EMV
Unit Nos: Ford F5UU-10300-CA, F5UZ-10346-CA; Mitsubishi A8TU0091
Lester Nos: 12075
WAI Ref. Nos: 1-1929-01MI
Dim: 100mm Mtg. Length
Note: With heavy duty diode trio. Use with IMR10076 rectifier.
Features:
 • 8-35A diodes



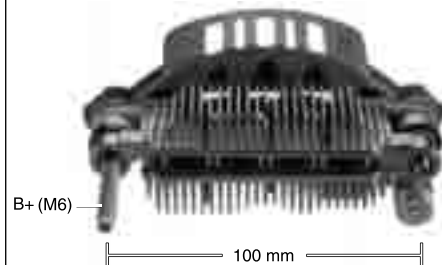
IMR10076
(Ref# 31-8386)
Rectifier

For: Mitsubishi 215A IR/EF Alternators
Used On: Ford Ambulance, EMV
Unit Nos: Ford F5UU-10300-CA, F5UZ-10346-CA; Mitsubishi A8TU0091
Lester Nos: 12075
WAI Ref. Nos: 1-1929-01MI
Dim: 100mm Mtg. Length
Note: With heavy duty diode trio. Use with IMR10074 rectifier.
Features:
 • 8-35A diodes



IMR10081
Rectifier

For: Mitsubishi 100A ED/IF Alternators
Used On: (2001-00) Mazda
Unit Nos: Mazda GY01-18-300E, GY01-18-W9XA; Mitsubishi A3TB1081, A3TB1081A
Lester Nos: 13883
WAI Ref. Nos: 1-2377-01MI
Dim: 100mm Mtg. Length
Note: Without diode trio. Without capacitor.
Features:
 • 8-30A diodes



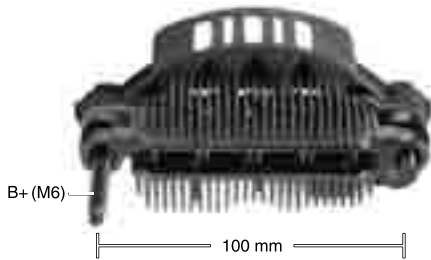
IMR10088
Rectifier

For: Mitsubishi 110A ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge
Unit Nos: Chrysler 4609075, Mitsubishi Motors MO4609075, Mitsubishi A3T14292
Lester Nos: 13577
WAI Ref. Nos: 1-1992-01MI
Dim: 100mm Mtg. Length
Note: Without diode trio. With capacitor. For PCM controlled systems.
Features:
 • 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

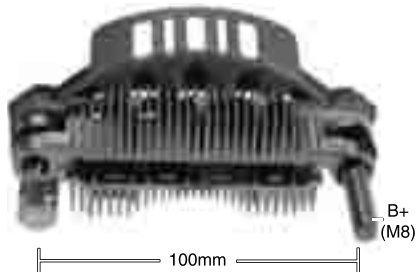
100mm Mtg (Finned Heat Sink)
(cont'd.)



IMR10090
(Ref# 31-8385)
Rectifier

For: Mitsubishi 130A ER/IF Alternators
Used On: (2001-98) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4606075, 4609300AC; Mitsubishi A3TA4191
Lester Nos: 13764
WAI Ref. Nos: 1-2176-01MI
Dim: 100mm Mtg. Length
M6 x 1.0 Batt. Term.
Note: Without diode trio. Without capacitor.
For PCM controlled systems.
Features:

- 8-40A diodes

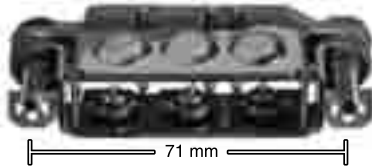


IMR10096
Rectifier

For: Mitsubishi 35A/24V IR/IF Alternators
Used On: Mitsubishi Fuso Canter Truck
Replaces: Mitsubishi Motors ME701569; Mitsubishi A860X52570
Unit Nos: Mitsubishi A3T75883, A3TN5188; Mitsubishi Motors ME017614
Dim: 100mm Mtg. Length
M8 x 1.25 Batt. Term.
Note: With heavy duty diode trio.
Features:

- 6-30A diodes

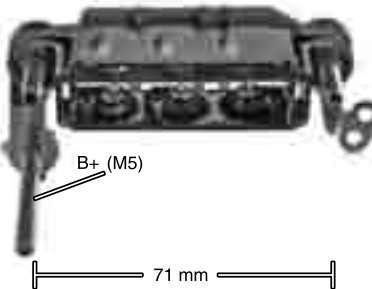
71mm Mtg (non-finned Heat Sink)



IMR7111
(Ref# 31-8308)
Rectifier

For: Mitsubishi 35-90A IR/EF Alternators
Used On: (1987-78) Chrysler, Dodge, Nissan, Plymouth
Replaces: Mazda D401-24-510; Mitsubishi A860T04370, A860X04892; Mitsubishi Motors MD607429, Nissan 23124-B9810
Unit Nos: Mitsubishi A1T22971, A1T70783, A4T25172*, A4T25191*, A4T25199*, A4T30399*
Lester Nos: 14231, 14557*
WAI Ref. Nos: 1-1112-01MI, 1-1222-01MI, 1-1499-01MI*
Dim: 71mm Mtg. Length
Note: With diode trio.
*Used w/ IMR7113 (31-8309) rectifier.
Features:

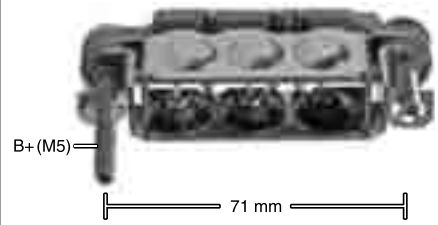
- 6-25A diodes
- Copper heat sinks



IMR7113
(Ref# 31-8309)
Rectifier

For: Mitsubishi 75-90A IR/EF Alternators
Used On: (1991-81) Chrysler, Dodge, Peugeot, Plymouth
Replaces: Marelli 940038275; Mitsubishi A860T04870, A860X04870; Mitsubishi Motors MD607430
Unit Nos: Mitsubishi A3T03291; A3T03298, A, B; A3T45191, A3T45291, A3T45292, A4T25172*, A4T25191*, A4T25199*, A4T30399*
Lester Nos: 13254, 13429, 14557*
WAI Ref. Nos: 1-1222-01MI, 1-1326-01MI, 1-1326-02MI, 1-1499-01MI*
Dim: 71mm Mtg. Length
M5 x 0.8 x 35mm Batt. Term.
Note: Without diode trio.
Used w/ IMR7111 (31-8308) rectifier.
Features:

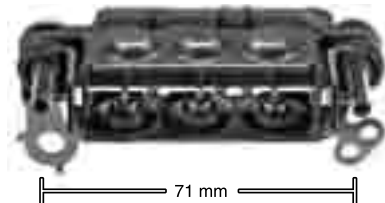
- 6-25A diodes
- Copper heat sinks



IMR7117
(Ref# 31-8389)
Rectifier

For: Mitsubishi 20-35A/12-24V ER/EF Alternators
Used On: Nissan Lift Trucks, TCM Lift Trucks
Replaces: Mitsubishi A860T09470, Mitsubishi Motors MD607340, Nissan 23124-U0114
Unit Nos: Mitsubishi A1T24371, A1T24471, A1T70883, A2T22771, AQ2250L1;
Mitsubishi Heavy Industry 30668-59601, Mitsubishi Motors, MD003518; Nissan, 23100-M0414, -U0114
Lester Nos: 14213
WAI Ref. Nos: 1-1111-01MI
Dim: 71mm Mtg. Length
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks

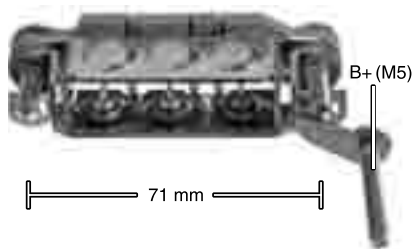


IMR7119
Rectifier

For: Mitsubishi 80A IR/EF Alternators
Used On: (1991-90) Peugeot
Replaces: Marelli 940038275
Unit Nos: Mitsubishi A3T03291B; A3T03298A, B; A3T45191, A3T45291, A3T45292; Peugeot 888313096, 920313880; Porsche 960-313-928-0
Lester Nos: 13254
WAI Ref. Nos: 1-1326-01MI
Dim: 71mm Mtg. Length
Note: Without diode trio
Features:

- 6-25A diodes
- Copper heat sinks

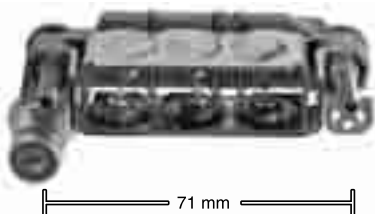
ALTERNATOR - RECTIFIERS (TRANSPO)



IMR7139
(Ref# 31-8392)
Rectifier

For: Mitsubishi 40A IR/EF Alternators
Used On: Sumitomo Yale, Yale Lift Trucks
Replaces: Mazda S205-24-510, Mitsubishi A860T08570
Unit Nos: Mazda 4813-18-300, Mitsubishi A1T32084, Yale 9010278-01
Lester Nos: 12139
Dim: 71mm Mtg. Length
M5 x 0.8 x 40mm Batt. Term.
Note: With diode trio
Features:

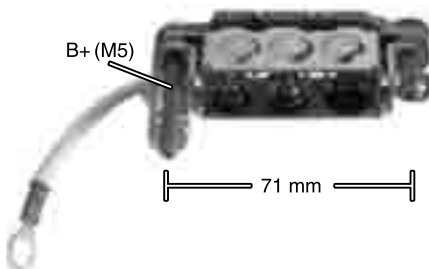
- 6-25A diodes
- Copper heat sinks



IMR7141
(Ref# 31-8302)
Rectifier

For: Mitsubishi 35-80A IR/EF Alternators
Used On: (1991-82) Ford, Mazda, Peugeot
Replaces: Mazda D401-24-510B, Mitsubishi A860T11270
Unit Nos: Mitsubishi A1T03476, A1T23377, A1T31371, A1T31374, A1T31377, A3T03291, A3T03298
Lester Nos: 13254, 13429, 14597, 14600
WAI Ref. Nos: 1-1152-01MI, 1-1326-01MI, 1-1326-02MI
Dim: 71mm Mtg. Length
Note: With diode trio
Features:

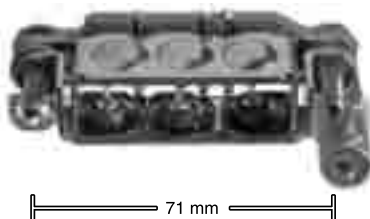
- 6-25A diodes
- Copper heat sinks



IMR7143
(Ref# 31-8312)
Rectifier

For: Mitsubishi 35-40A IR/EF Alternators
Used On: (1984-82) Mazda
Replaces: Mazda S201-24-510; Mitsubishi A860T06970
Unit Nos: Mazda S201-18-300, A; S202-18-300A, S241-18-300A; Mitsubishi A1T23479, A1T23579, A1T32779
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI
Dim: 71mm Mtg. Length
M5 x 0.8 x 25mm Batt. Term.
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks

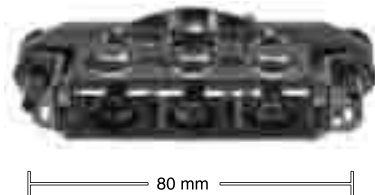


IMR7171
(Ref# 31-8332)
Rectifier

For: Mitsubishi 35-40A IR/EF Alternators
Used On: Ford, Mazda
Replaces: Mazda GE01-24-510, Mitsubishi A860T07170
Unit Nos: Mitsubishi A1T23377, A1T31374, A1T31377
Dim: 71mm Mtg. Length
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks

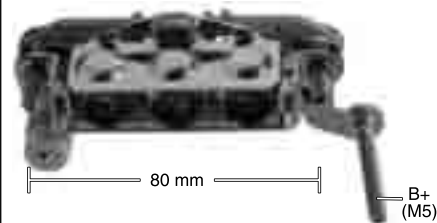
80mm Mtg (non-finned Heat Sink)



IMR8011
(Ref# 31-8390)
Rectifier

For: Mitsubishi 50A ER/EF Alternators
Used On: Nissan
Replaces: Mitsubishi A860T08470, Nissan 23124-W581
Unit Nos: Mitsubishi A5T00272, A5T20871, A5T20872, A5T20972, A5T21871, A5T21897;
Nissan 23100-10B10, -27G10, -47R10, -N9512
Dim: 80mm Mtg. Length
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks



IMR8041
(Ref# 31-8313)
Rectifier

For: Mitsubishi 45-50A IR/EF Alternators
Used On: (1986-83) Dodge, Mitsubishi
Replaces: Mitsubishi A860T08270, Mitsubishi Motors MD607616
Unit Nos: Mitsubishi A5T15584, A5T20484, A5T21684, A5T22484, A5T23784; Mitsubishi Motors MD013740, MD061818, MD069859, MD072582, MD086016, MD304139
Lester Nos: 14690, 14692
WAI Ref. Nos: 1-1208-01MI
Dim: 80mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

80mm Mtg (non-finned Heat Sink)
(cont'd.)



80 mm

IMR8043
(Ref# 31-8310)
Rectifier

For: Mitsubishi 45-50A IR/EF Alternators
Used On: (1986-79) Dodge, Mazda, Mitsubishi, Plymouth
Replaces: Mazda N221-24-510; Mitsubishi A860T06070, A860T06082; Mitsubishi Motors MD607568
Unit Nos: Mitsubishi A5T15171, A5T15371, A5T15471, A5T20374, A5T20377, A5T20571, A5T21071, A5T21077, A5T23277
Lester Nos: 14267, 14268, 14307, 14533, 14550, 14596, 14646, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1209-01MI, 1-1210-01MI, 1-1223-01MI

Dim: 80mm Mtg. Length
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks



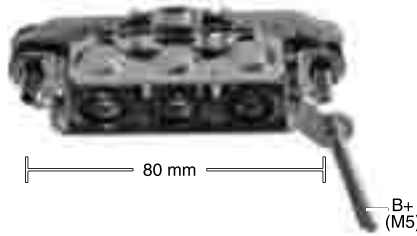
B+
(M5)

80 mm

IMR8045
(Ref# 31-8315)
Rectifier

For: Mitsubishi 50A IR/EF Alternators
Used On: (1985-83) Mazda
Replaces: Mazda E563-24-510; Mitsubishi A860T10770
Unit Nos: Mazda E331-18-300A, E563-18-300, E563-18-300A, E5A1-18-300A; Mitsubishi A5T21471, A5T21472, A5T30171
Lester Nos: 14701
WAI Ref. Nos: 1-1578-01MI
Dim: 80mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks



80 mm

B+
(M5)

IMR8047
(Ref# 31-8391)
Rectifier

For: Mitsubishi 25A/24V IR/EF Alternators
Used On: Mitsubishi Lift Trucks
Replaces: Mitsubishi A860T14570, Mitsubishi Motors ME700555
Unit Nos: Mitsubishi A5T22578, A5T22583, A5T70178, A5T70183, A5T70283; Mitsubishi Motors ME017561
Dim: 80mm Mtg. Length
M5 x 0.8 x 38mm Batt. Term.
Note: With diode trio
Features:

- 6-25A diodes
- Copper heat sinks

85mm Mtg (non-finned Heat Sink)



85 mm

IMR8511
(Ref# 31-8314)
Rectifier

For: Mitsubishi 45-55A IR/EF Alternators
Used On: (1983-79) Dodge, Mazda, Mitsubishi, Plymouth
Replaces: Mazda 8173-24-510; Mitsubishi A860T03970, A860T05170; Mitsubishi Motors MD607370, MD607441; Nissan 23124-W7110
Unit Nos: Mitsubishi A2T12371, A2T16371, A2T16371A, A2T16471, A2T16471A, A2T16871, A2T23171, A2T23271, A2T23277, A2T23471, A2T23474, A2T23477, A2T24771, A2T24971, AQ2240K1, AQ2245G1, AQ2245K1, AQ2250G1, AQ2250G7, AQ2250K1
Lester Nos: 14267, 14268, 14307, 14550, 14596, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1209-01MI, 1-1223-01MI
Dim: 85mm Mtg. Length
Note: With diode trio, without capacitor.
Features:

- 6-25A diodes
- Copper heat sinks



85 mm

IMR8541
Rectifier

For: Mitsubishi 55-60A IR/EF Alternators
Used On: (1986-82) Dodge, Mazda, Mitsubishi
Replaces: Ford E8PZ-10301-B; Mazda FE01-24-510A, HE41-24-510; Mitsubishi A860T08370, A860T09370, A860T10470; Mitsubishi Motors MD607693
Unit Nos: Mitsubishi A2T31677, A2T31977, A2T40374, A2T40377, A2T40571, A2T40577, A2T40773, A2T41091, A2T41191, A2T41371, A2T41377
Lester Nos: 14267, 14307, 145507, 14596, 14702, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1139-01MI, 1-1209-01MI
Dim: 85mm Mtg. Length
Note: With diode trio.
For version w/ P-terminal use IMR8543
Features:

- 6-25A diodes
- Copper heat sinks



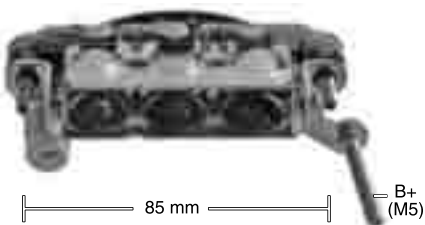
85 mm

IMR8543
(Ref# 31-8311)
Rectifier

For: Mitsubishi 55-60A IR/EF Alternators
Used On: (1986-82) Dodge, Mazda, Mitsubishi
Replaces: Mazda FE01-24-510A, HE41-24-510; Mitsubishi A860T08370, A860T10470; Mitsubishi Motors MD607693
Unit Nos: Mitsubishi A2T31677, A2T40377, A2T41191, A2T41371, A2T41377
Lester Nos: 14267, 14307, 14550, 14596, 14702, 14704
WAI Ref. Nos: 1-1138-01MI, 1-1139-01MI, 1-1209-01MI
Dim: 85mm Mtg. Length
Note: With diode trio, with P-terminal.
For version wo/ P-terminal use IMR8541
Features:

- 6-25A diodes
- Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)



IMR8545
(Ref# 31-8331)
Rectifier

For: Mitsubishi 35-60A IR/EF Alternators w/ Vacuum Pump

Used On: (1985-84) Mazda (Diesel); Caterpillar, Mitsubishi-Fuso

Replaces: Mazda S215-24-510, Mitsubishi A860T08770, A860T15170; Mitsubishi Motors MD607680

Unit Nos: Mitsubishi A2T27176, A2T27376, A2T32386, A2T32583, A2T41477, A2T41899, A2T43583, A2T72186, A2T72188, A2T72189, A2T72190, A2T72286, A2T72299, A2T72378, A2T72383, A2T72483, A2T72576, A2T72676, A2T72893, A2T73176, A2T73499, A2T73586, A2T74599, A2T75686

Lester Nos: 12228, 12317, 14703

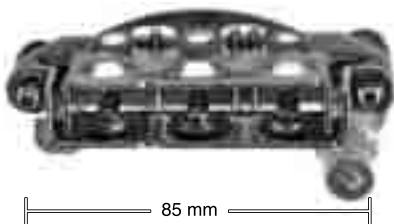
WAI Ref. Nos: 1-1140-01MI

Dim: 85mm Mtg. Length M5 x 0.8 x 38mm Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes
- Copper heat sinks



IMR8571
(Ref# 31-8304)
Rectifier

For: Mitsubishi 50A IR/EF Alternators

Used On: (1982-81) Mazda

Replaces: Mazda 8173-24-510A; Mitsubishi A860T07270, A860T12070

Unit Nos: Mitsubishi A2T23474, A2T25071, A2T25171*, A2T26072, A2T26172*

Lester Nos: 14307, 14571*, 14550, 14596, 14598, 14704

WAI Ref. Nos: 1-1138-01MI, 1-1159-01MI*

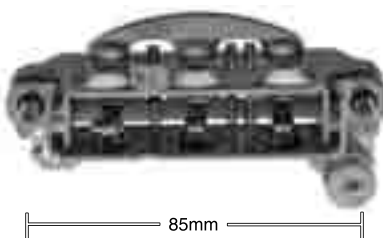
Dim: 85mm Mtg. Length

Note: With diode trio.

*Requires P-terminal.

Features:

- 6-25A diodes
- Copper heat sinks



IMR8573
Rectifier

For: Mitsubishi 50A IR/EF Alternators

Used On: (1982-81) Mazda

Replaces: Mitsubishi A860T12070

Unit Nos: Mitsubishi, A2T25171, A2T26172

Lester Nos: 14571

WAI Ref. Nos: 1-1159-01MI

Dim: 85mm Mtg. Length

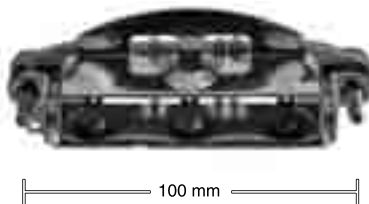
Note: With diode trio, with P-terminal.

For version wo/ P-terminal use IMR8571.

Features:

- 6-25A diodes
- Copper heat sinks

100mm Mtg (non-finned Heat Sink)



IMR10011
(Ref# 31-8307)
Rectifier

For: Mitsubishi 55-65A IR/EF Alternators

Used On: (1986-82) Dodge, Mitsubishi, Nissan, Plymouth

Replaces: Mazda 4130-24-510A; Mitsubishi A860T04170, 05270, 07370; Mitsubishi Motors MD607385,

MD607529; Nissan 23124-Q4610

Unit Nos: Mitsubishi A3T21371, A3T21677, A3T32772, A3T32877, A3T33772

Lester Nos: 14267, 14307, 14550, 14596, 14650, 14696, 14698, 14704, 14982

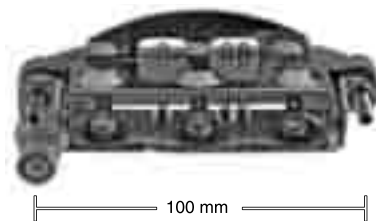
WAI Ref. Nos: 1-1097-01MI, 1-1138-01MI, 1-1185-01MI, 1-1204-01MI, 1-1209-01MI

Dim: 100mm Mtg. Length

Note: With diode trio

Features:

- 6-50A diodes
- Copper heat sink



IMR10041
(Ref# 31-8306)
Rectifier

For: Mitsubishi 55-65A IR/EF Alternators

Used On: (1986-80) Dodge, Mazda, Mitsubishi, Plymouth

Replaces: Mazda 4130-24-510B, FE05-24-510;

Mitsubishi A860T10370, A860T11370; Mitsubishi Motors MD607818

Unit Nos: Mitsubishi A3T21277, A3T21278, A3T21677, A3T34391, A3T34572, A3T34672, A3T34677

Lester Nos: 14307, 14550, 14596, 14650, 14696, 14698, 14704

WAI Ref. Nos: 1-1138-01MI,

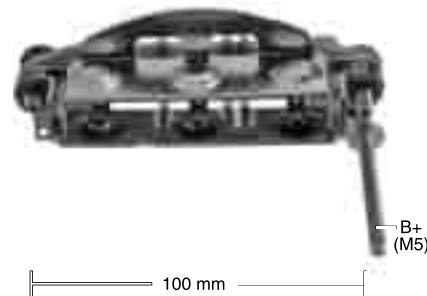
1-1185-01MI, 1-1204-01MI

Dim: 100mm Mtg. Length

Note: With diode trio

Features:

- 6-50A diodes
- Copper heat sink



IMR10043
(Ref# 31-8378)
Rectifier

For: Mitsubishi ER/EF Alternators

Used On: Nissan Bluebird

Replaces: Mitsubishi A860T11770, Nissan 23124-05E16

Unit Nos: Mitsubishi A3T35278

Dim: 100mm Mtg. Length M5 x 0.8 x 38mm Batt. Term.

Note: With diode trio

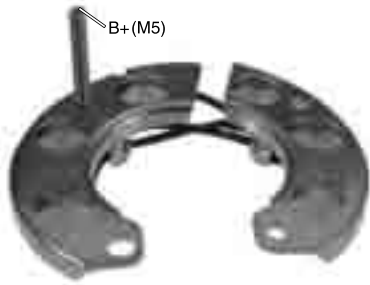
Features:

- 6-50A diodes
- Copper heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

MITSUBISHI

115mm OD



IMR5010

(Ref# 31-8372)

Rectifier

For: Mitsubishi 35A ER/EF Alternators

Used On: Nissan Lift Truck

Replaces: Mitsubishi A860T01770, Mitsubishi Motors MD607175, Nissan 23230-U0110

Unit Nos: Mitsubishi A1T21171, A1T22074, A1T22581, AG2030T, AH2035M4, AH2035N1,

Lester Nos: 14194, 14213

WAI Ref. Nos: 1-1111-01MI, 1-1148-01MI

Dim: 115mm OD

M5 x 0.8 Batt. Term.

Features:

- 6-25A diodes

MOTOROLA



MR8281

Rectifier - Neg. & Pos. Assy.

For: Motorola / Prestolite 8SC Series Alternators

Replaces: Prestolite 101-81, 101-82, 0142499T99

Unit Nos: Motorola / Prestolite 8LHC2004Z, 8LHC2010Z, 8SB2001R, 8SB2003W, 8SB3002R, 8SC2001R, 8SC2004Z, 8SC2007ZR, 8SC2010Z, 8SC3002U, 8SC3003U, 8SC3005V, 8SC3008U, 8SC3009Z, 8SC3011U, 8SC3014U, 8SC3015U, 8SC3017V, 8SC3018V, 8SC3019U, 8SC4006U, 8SC4020U; 110-144, -150, -158, -176, -181, -182, -183, -184, -185, -228, -254, -258, -268, -298, -302, -306, -308, -316, -324

Note: B+ Insulator not included.

Features:

- 12-70A press-fit diodes (6/side)
- Crimp-weld diode terminations
- Premium XLP wiring



MR6206

Rectifier - Neg. & Pos. Assy.

For: Motorola / Prestolite 8LHA Series Alternators

Unit Nos: Motorola / Prestolite 8AL2092K, 8LHA2070V, 8LHA2073V, 8LHA2077V, 8LHA2078V, 8LHA2079V, 8LHA2080V, 8LHA2084V, 8LHA3071P, 8LHA3072P, 8LHA3086U; 110-433, -434, -436, -446, -449, -555, -777

Lester Nos: 8058

WAI Ref. Nos: 1-2429-00MO

Dim:

1/4-28 B- Terminal

5/16-24 B+ Terminal

Features:

- 6-50A press-fit diodes
- Precision aluminum die-casting
- Hi-temperature, flex-wires

135mm OD



IMR13500

Rectifier

For: Mitsubishi 200A IR/IF Alternators

Used On: (2005-03) Ford w/ Police Option

Replaces: Mitsubishi A860T88170

Unit Nos: Ford 4W73-10300-AC 4W7Z-10346-AC, GL-598; Mitsubishi A4TJ0181

Lester Nos: 11026

WAI Ref. Nos: 1-2514-11MI

Dim: 135mm OD

Features:

- 16-50A diodes



MR6205

Rectifier - Neg. & Pos. Assy.

For: Motorola / Prestolite 8LHA Series Alternators

Replaces: Prestolite 101-205

Unit Nos: Motorola / Prestolite 8LHA2023VA, 8LHA2026V, 8LHA2028V, 8LHA2032V, 8LHA2037V, 8LHA2041VA, 8LHA3025PA, 8LHA3031PA; 110-255, -277, -296, -297

Lester Nos: 7460, 7462, 8046, 8057

WAI Ref. Nos: 1-2127-00MO

Dim: 5/16-24 B+ Terminal

Features:

- 6-50A diodes
- Precision aluminum die-casting
- Hi-temperature, flex-wires



MR6040

(Ref# 31-404)

Rectifier - Positive

For: Motorola / Prestolite 8AL Series Alternators w/ Diode Trio

Replaces: Motorola 1-75, 1-171; Prestolite 101-75, 101-171

Dim: 1/4-20 x 1-3/8 Term.

Note: With square hole & 1-heat sink lip faces up.

Features:

- 3-25A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



MR6041

(Ref# 31-403)

Rectifier - Negative

For: Motorola / Prestolite A/8AL, HA/8HA, RA/ 8AR Series Alternators w/ Isolation Diode or Diode Trio

Replaces: Motorola 1-2, 1-6, 1-152, 1-156; Prestolite 101-2, 101-6, 101-152, 101-156

Dim: (2) 10-24 x 1-3/8 Term.

Note: 1-heat sink lip faces up.

Features:

- 3-25A press-fit diodes



MR6064

(Ref# 31-408-1)

Rectifier - Positive

For: Motorola / Prestolite 60-70A/12V Alternators

Replaces: Motorola 1-147, 1-149; Prestolite 101-147, 101-149

Unit Nos: Motorola / Prestolite 8HC2001L, 8HC2003P, 8MA2003P, 8MH2001P, 8MR2008P, 8MR2009P, 8MR2010P, 8MR2012P, 12N72 & others

Dim: (2) 10-24 x 1-3/8 Term.

Note: 2-heat sink lips face down.

Features:

- 3-50A press-fit diodes



MR6072

(Ref# 31-406-1)

Rectifier - Positive

For: Motorola / Prestolite Alternators

Replaces: Motorola 1-137, 1-162; Prestolite 101-137, 101-162

Dim: 1/4 - 20 x 1-3/4 Term.

Note: 2-heat sink lips face down, square hole.

Features:

- 3-50A press-fit diodes



MR6044

(Ref# 31-402)

Rectifier - Positive

For: Motorola / Prestolite A/8AL, HA/8HA, RA/8AR Series Alternators w/ Isolation Diode

Replaces: Motorola 1-1, 1-5, 1-151; Prestolite 101-1, 101-5, 101-151

Dim: (2) 10-24 x 1-3/8 Term.

Note: 1-heat sink lip faces up.

Features:

- 3-25A press-fit diodes



MR6065

(Ref# 31-407)

Rectifier - Negative

For: Motorola / Prestolite 60-70A/12V Alternators

Replaces: Motorola 1-18, 1-148; Prestolite 101-18, 101-148

Unit Nos: Motorola / Prestolite 8HC2003P, 2004F, 2005L, 2008F, 2009P, 2012F, 2013P, 2014K, 2015L, 2018L, 3002F, 3010G, 3017G; 8MA2001, 2002K, 2003P, 2004K, 2005F, 2008K, 2010P, 2013P, 2014P, 2015G, 2018P, 2020P, 3006F, 3007F; 8MH2001P, 2003K, 2004F, 2006K, 3005F; 8MR2001, 2002, 2003, 2004, 2006, 2007K, 2008P, 2009, 2009P, 2010P, 2011F, 2012P, 2013K, 2014K, 2015K, 2016K, 2018K, 2019K, 2021K, 2022K, 2023F, 2024F, 2026P, 2036K, 2039K, 2044K, 2052K; A12NEB451, A12NEB550, A12NEB600, A12PEB451, A12PEB550, A12PEB600; MA12-451, 12N451, 12N451D, 12N550, 12N550D, 12N600, 12N600D, 12NC601, 12NJD1201, 12NJD1202, 12NJD1203, 12NJD1205, 12NJD451, 12NJD601, 12NJD602, 12NJD603, 12NJD604, 12P451, 12P550, 12P600, 24-900, 24-900G, 24-902, 24N900, 24N900D, 24NTK901R; MH12-451, 12N601, 12N602, 12NJC551, 24N901, 24N901G; MR12N451, 12N451D, 12N550, 12N550D, 12N600, 12N600D

Dim: (2) 10-24 x 1-3/8 Term.

Note: 2-heat sink lips face down.

Features:

- 3-35A press-fit diodes



MR6073

(Ref# 31-405-1)

Rectifier - Negative

For: Motorola / Prestolite 70A/12V Alternators

Replaces: Motorola 1-136, 1-159; Prestolite 101-77, 101-90, 101-136, 101-159

Unit Nos: Motorola / Prestolite 8MH2002P, 8MH2007P, 12NP72; 110-134, -200

Lester Nos: 7417, 7492

Dim:

(1) 10-24 x 1-3/4 Term.

(1) 1/4-20 x 1-3/4 Term.

Note: 2-heat sink lips face down.

Features:

- 3-50A press-fit diodes



MR6045

(Ref# 31-419)

Rectifier - Negative

For: Motorola / Prestolite Alternators

Dim:

(1) 10-24 x 1-3/8 Term.

(1) 1/4 x 20 x 1-3/8 Term.

Note: 1-heat sink lip faces up.

Features:

- 3-25A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

MOTOROLA (cont'd.)



31-414

Rectifier - Negative

For: Motorola / Prestolite Alternators

Dim:

- (1) 10-24 x 1-3/8 Term.
- (1) 10-24 x 2" Term.

Note: 2-heat sink lips face down w/ washer and insulator

Features:

- 3-50A press-fit diodes
- Aluminum heat sink



31-415

Rectifier - Positive

For: Motorola / Prestolite Alternators

Replaces: Motorola 1-169; Prestolite 101-169

Unit Nos: Motorola / Prestolite 8MR2025T, 8MR2027T, 8MR2028T, 8MR2030T, 8MR2033T, 8MR2035T

Dim: 1/4 - 20 x 1-3/4 Term.

Note: 2-heat sink lips face down w/ raised square hole

Features:

- 3-50A press-fit diodes
- Aluminum heat sink
- w/ diode trio



31-416

Rectifier - Positive

For: Motorola / Prestolite Alternators

Replaces: Motorola 1-67; Prestolite 101-67

Unit Nos: Motorola / Prestolite 8MA3006F, 8MA3007F, 8MH2003K, 8MH2004F, 8MH3005F, MA24-902, MH12N602; 110-70, -84, -129, -131, -132, -133, -245

Dim: 10-24 x 1-3/4 Term.

Note: With square hole & 2-heat sink lips face down

Features:

- 3-35A press-fit diodes
- Aluminum heat sink



31-417

Rectifier - Positive

For: Motorola / Prestolite Alternators

Replaces: Motorola 1-163, 1-164; Prestolite 101-163, 101-164

Unit Nos: Motorola / Prestolite 8AL2021L, 8AL2024L, 8AL2027L, 8AL2033L, 8AL2044L, 8AL2045L, 8AL2105L, 8HC2013P, 8HC2015L, 8HC2018L, 8HC2027P, 8MA2009L, 8MA2010P, 8MA2013P, 8MA2018P, 8MA2019K, 8MA2020P, 8MH2008P, 8MR2022K, 8MR2023F, 8MR2024F, 8MR2036K, 8MR2044K, 8MR2058P

Lester Nos: 7437

Dim: 1/4 x 20 x 1-3/4 Term.

Note: 2-heat sink lips face down, w/ raised square hole.

Features:

- 3-35A press-fit diodes
- Aluminum heat sink



MR6207

(Ref# 31-410)

Rectifier

For: Motorola / Prestolite 8E Series Alternators

Replaces: Motorola 1-207; Prestolite 101-207

Features:

- 6-25A button diodes



MR6208

(Ref# 31-410-1)

Rectifier

For: Motorola / Prestolite 8E Series Alternators

Replaces: Motorola 1-207; Prestolite 101-207

Features:

- 6-50A button diodes
- Epoxy encapsulation protects against moisture & vibration



MR6300-1

(Ref# 31-400)

Rectifier - One Isolation Diode

For: Motorola / Prestolite A/8AL, 8HA Series Alternators

Replaces: Motorola 1-3, -7; Prestolite 101-3, 101-7

Dim: 1/4-20 Term.

Features:

- 1-25A/200V press-fit diode



MR6301-1
(Ref# 31-401)

Rectifier - Two Isolation Diodes

For: Motorola / Prestolite A/8AL, HA/8HA, MR/8MR, RA/8AR Series Alternators

Replaces: Motorola 1-4, 1-13, 1-24, 1-30, 1-64; Prestolite 101-4, 101-13, 101-24, 101-30, 101-64

Dim: 1/4-20 Term.

Features:

- 2-25A/200V press-fit diodes



MR6302

Rectifier - Positive

For: Motorola / Prestolite 8LHA, 8SA Series Alternators

Replaces: IHC 484404B01; Motorola 1-53; Prestolite 101-53

Unit Nos: Motorola / Prestolite 8LHA2011R, 8LHA2030R, 8LHA2063R, 8SA2001N, 8SA2009R, 8SA2011R, 8SA2013N, 8SA2017R, 12SA201; 110-89, -105, -135, -137, -229, -281

Lester Nos: 7386, 7412, 7494

Dim:

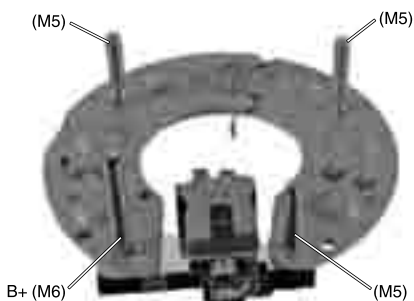
- (1) 1/4-28 x 1-5/8 Batt. Term. (-)
- (1) 5/16-18 x 1-5/8 Batt. Term. (+)

Features:

- 3-35A/200V press-fit diodes

NIPPONDENSO

External Fan



INR400
Rectifier

For: Nippondenso 45A ER/EF Alternators

Used On: (1981-80) Honda

Replaces: Nippondenso 021600-1340

Unit Nos: Honda 31100-PA0-663, 31100-PA6-004, CPB03; Nippondenso 021000-840, -841, -904, -905, -910

Lester Nos: 14158, 14617, 14850

WAI Ref. Nos: 1-1005-01ND, 1-1014-01ND

Dim: 100mm OD

M5 x 0.8 Mtg. Bolts

M6 x 1.0 x 34mm Batt. Term.

Features:

- 6-30A diodes



INR404
(Ref# 31-8225)
Rectifier

For: Nippondenso 45-55A IR/EF Alternators

Used On: (1984-81) Toyota

Replaces: Nippondenso 021600-1930; Toyota 27362-13100, -13150

Unit Nos: Nippondenso 100211-040, 100211-043, 100211-072

Lester Nos: 14345, 14677

WAI Ref. Nos: 1-1079-01ND, 1-1080-01ND

Dim: 114mm OD

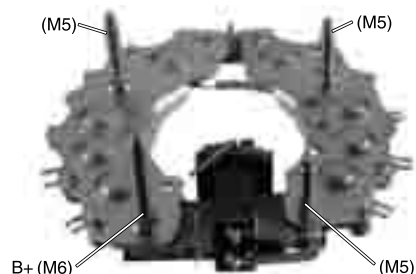
M5 x 0.8 Mtg. Posts

Note: Without brush holder assy.

Similar to INR710 except INR710 w/ brush holder assy.

Features:

- 8-30A diodes



INR710
(Ref# 31-8202)
Rectifier

For: Nippondenso 55-65A IR/EF Alternators

Used On: (1987-81) Isuzu, Toyota

Replaces: Nippondenso 021600-1491, -1531, -1561, -1590, -1860; Toyota 27362-15070, 27362-43020, 27362-43040, 27362-63030

Unit Nos: Nippondenso 100211-050, 100211-053, 100211-054, 100211-055, 100211-056, 100211-058, 100211-059, 100211-060, 100211-061, 100211-063, 100211-065, 100211-066, 100211-067, 100211-068, 100211-070, 100211-071, 100211-075, 100211-078, 100211-093

Lester Nos: 14336, 14341, 14347, 14574, 14630, 14672

WAI Ref. Nos: 1-1035-01ND, 1-1048-01ND, 1-1048-02ND, 1-1049-01ND, 1-1061-01ND, 1-1241-01ND

Dim: 114mm OD

M5 x 0.8 Mtg. Posts

M6 x 1.0 x 34mm Batt. Term.

Note: 8-diodes, w/ brush holder assy.

Similar to INR711 except INR711 w/ 6-diodes.

Features:

- 8-30A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

NIPPONDENSO

External Fan



INR711
(Ref# 31-8230)
Rectifier

For: Nippondenso 55A IR/EF Alternators
Used On: (1984-81) Toyota
Replaces: Nippondenso 021600-1491, Toyota 27362-15070
Unit Nos: Nippondenso 100211-050, 100211-054, 100211-060, 100211-061, 100211-070, 100211-071, 100211-075
Lester Nos: 14336, 14341, 14347, 14574

WAI Ref. Nos: 1-1035-01ND, 1-1048-01ND, 1-1048-02ND, 1-1061-01ND

Dim: 114mm OD

M5 x 0.8 Mtg. Posts

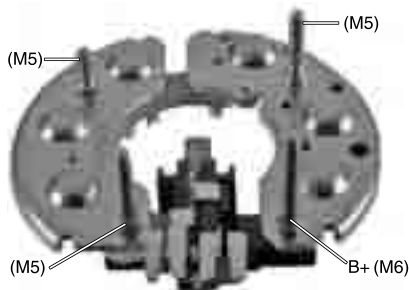
M6 x 1.0 x 34mm Batt. Term.

Note: 6-diodes, w/ brush holder assy.

Similar to INR710 except INR710 w/ 8-diodes.

Features:

- 6-30A diodes



INR717
(Ref# 31-8220)
Rectifier

For: Nippondenso 90A IR/EF Alternators
Used On: John Deere
Replaces: Nippondenso 021600-1381
Unit Nos: Nippondenso 021000-875, 100211-029, 100211-580
Lester Nos: 13143

WAI Ref. Nos: 1-2236-10ND

Dim: 110mm OD

M5 x 0.8 Mtg. Posts

M6 x 1.0 x 32mm Batt. Term.

Features:

- 6-25A diodes

Internal Fan, 83mm OD



INR716
Rectifier

For: Nippondenso 40A IR/IF Alternators

Used On: Kubota

Replaces: Kubota 16231-64851, Nippondenso 021580-3450

Unit Nos: Kubota 16231-24011, 16241-64010, 16241-64011, 16705-64011, 34070-75601, 34070-75602;

Nippondenso 100211-167, -464, -465

Lester Nos: 12179, 12198, 12199

WAI Ref. Nos: 1-2476-01ND, 1-2477-01ND, 1-2478-01ND

Dim: 83mm OD

M6 x 1.0 x 25mm Batt. Term.

Features:

- 8-40A diodes



INR721
(Ref# 31-8235)
Rectifier

For: Nippondenso 30A IR/IF Alternators

Used On: Kubota

Replaces: Nippondenso 021580-3890

Unit Nos: Kubota, 16231-64011, 16231-64012; Nippondenso 100211-452

Lester Nos: 12190

WAI Ref. Nos: 1-2336-01ND

Dim: 83mm OD

M6 x 1.0 x 25mm Batt. Term.

Features:

- 6-40A diodes



INR718P
(Ref# 31-8221)
Rectifier

For: Nippondenso 35A IR/IF Alternators w/ 100mm OD Stator

Used On: Toyota Lift Truck

Replaces: Nippondenso 021580-3110, Toyota 27357-72120

Unit Nos: Nippondenso 100211-454

Lester Nos: 12187

WAI Ref. Nos: 1-2132-01ND

Dim: 83mm OD

M6 x 1.0 x 44mm Batt. Term.

Features:

- 8-40A press-fit diodes

- Welded diode terminations



INR723
Rectifier

For: Nippondenso 40-45A IR/IF Alternators

Used On: (2002-00) Toyota; John Deere. Komatsu, Toyota Forklift

Replaces: Daihatsu 27357-87201-000, Iseki 6281-229-029-0,

Kubota 15881-64851,

Nippondenso 021580-3080

Unit Nos: Daihatsu 27060-87212-000, 27060-87502-000;

Hyster 3049491; Iseki 6281-200-004-0B;

Ishikawajima 185046220;

Kubota 15881-64200, -64201;

Nippondenso 100211-163, -165, -166, -168, -444, -453, -463; 101211-110, 121000-440;

Toyota 27060-78001, 27060-87212;

Yanmar 119620-77202

Lester Nos: 12180, 12188, 12189, 12270

WAI Ref. Nos: 1-2119-11ND,

1-2335-01ND, 1-2347-41ND, 1-2436-01ND

Dim: 83mm OD

M6 x 1.0 x 35mm Batt. Term.

Features:

- 8-40A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

Internal Fan, 90mm OD



B+ (M6)

INR719 Rectifier

For: Nippondenso IR/IF Alternators

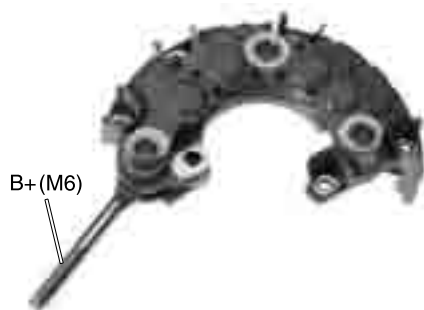
Used On: Maruti (India)

Dim: 90mm OD

M6 x 1.0 x 25mm Batt. Post

Features:

- 8-40A diodes



B+ (M6)

INR724 (Ref# 31-8200) Rectifier

For: Nippondenso 45-60A IR/IF Alternators w/ 100mm OD Stator

Used On: (1998-85) Chevrolet,

Daihatsu, Geo, Isuzu, Suzuki, Toyota

Replaces: Nippondenso 021580-3130, -4340; Toyota 27357-11170, -72150

Unit Nos: Nippondenso 100211-155, 100211-156, 100211-157, 100211-407, 100211-413, 100211-415, 100211-417, 100211-426, 100211-429, 100211-435, 100211-660, 100211-672, 100211-686, 100211-687, 100211-696, 100211-699, 101211-202, 101211-213, 101211-224, 101211-236, 101211-302, 101211-338

Lester Nos: 12358, 12359, 13214, 13239, 13255, 13316, 13390, 13414, 13485, 13522, 14684, 14733, 14843, 14937, 14940

WAI Ref. Nos: 1-1085-01ND, 1-1228-01ND, 1-1230-01ND, 1-1230-02ND, 1-1238-01ND, 1-1260-01ND, 1-1261-01ND, 1-1519-01ND, 1-1840-01ND, 1-1881-01ND, 1-1968-01ND, 1-1969-01ND

Dim: 90mm OD

M6 x 1.0 x 44mm Batt. Term.

Features:

- 8-40A diodes



B+ (M6)

INR725-1 (Ref# 31-8205) Rectifier

For: Nippondenso 50-60A IR/IF Alternators w/ 110mm OD Stator

Used On: (1992-84) Acura, Daihatsu, Honda, Toyota

Replaces: Honda 31127-PD1-004, -014; Nippondenso 021580-2250, -2260; Toyota 27357-63040

Unit Nos: Nippondenso 100211-120, -121, -123, -126, -127, -131, -132, -134, -135, -136, -137, -138, -221, -225, -228, -233, -237, -238, -273, -350, -351, -352, -353, -354, -355, -359, -361, -363, -366, -369, -377, -382, -389, -396, -397; 100213-045

Lester Nos: 13240, 13383, 13508, 14449, 14454, 14457, 14472, 14668, 14671, 14674, 14755, 14757, 14759, 14847, 14851, 14852, 14853, 14854, 14930, 14935, 14989

WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1036-01ND, 1-1037-01ND, 1-1050-01ND, 1-1050-02ND, 1-1053-01ND, 1-1084-01ND, 1-1088-01ND, 1-1262-01ND, 1-1967-01ND

Dim: 90mm OD

M6 x 1.0 x 43mm Batt. Term.

Features:

- 8-50A diodes



INR725P (Ref# 31-8205) Rectifier

Same as INR720-1 except...

Features:

- 8-40A press-fit diodes
- Welded diode terminations
- Copper heat sinks



B+ (M6)

INR726 (Ref# 31-8206) Rectifier

For: Nippondenso 50-60A IR/IF Alternators w/ 110mm OD Stator

Used On: (1989-85) Chevrolet, Geo, Isuzu

Replaces: Isuzu 8-94123-052-0; Nippondenso 021580-2340, -2341, -2342, -2350, -2351, -2352; Toyota 27357-70091

Unit Nos: Nippondenso 100211-122, 100211-133, 100211-222, 100211-223, 100211-372

Lester Nos: 14732, 14739, 14872

WAI Ref. Nos: 1-1237-01ND, 1-1240-01ND

Dim: 90mm OD

M6 x 1.0 x 25mm Batt. Term.

Features:

- 8-40A diodes

Internal Fan, 100mm OD



B+ (M6)

INR727P (Ref# 31-8204) Rectifier

For: Nippondenso 90A ER/IF Alternators w/ 118mm OD Stator

Used On: (1989-87) Chrysler, Dodge, Plymouth

Replaces: Nippondenso 021580-3410

Unit Nos: Nippondenso 121000-243, 121000-268

Lester Nos: 13220, 14869

WAI Ref. Nos: 1-1506-01ND, 1-1506-03ND

Dim: 100mm OD

M6 x 1.0 x 25mm Batt. Term.

Features:

- 8-40A press-fit diodes
- Welded diode terminations
- Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

NIPPONDENSO

Internal Fan, 100mm OD (cont'd.)



INR401
(Ref# 31-8211)
Rectifier

For: Nippondenso 60-75A ER/IF, IR/IF Alternators w/ 118mm OD Stator
Used On: (1999-88) Dodge, Geo, Isuzu, Toyota
Replaces: Isuzu 8-94125-884-0; Nippondenso 021580-2511, -2512, -2522, -3650; Toyota 27357-70081
Unit Nos: Nippondenso 100211-107, 100211-110, 100211-312, 100211-764, 100211-778, 100211-791, 100211-795, 100211-799, 100211-989, 101211-010, 101211-016, 101211-042, 101211-051, 121000-250, 121000-266
Lester Nos: 13185, 13234, 13338, 13391, 13411, 13423, 13500, 13569, 14453
WAI Ref. Nos: 1-1042-01ND, 1-1070-01ND, 1-1436-01ND, 1-1436-02ND, 1-1507-01ND, 1-1596-01ND, 1-1884-01ND, 1-1979-01ND, 1-2406-01ND
Dim: 100mm OD
 M6 x 1.0 x 25mm Batt. Term.
Features:
 • 8-40A diodes



INR401P
(Ref# 31-8211)
Rectifier

Same as INR401 except...
Features:
 • 8-40A press-fit diodes
 • Welded diode terminations
 • Mtg. hole for 46-82300 grd. strap.



INR502
(Ref# 31-8233)
Rectifier

For: Nippondenso 70-75A IR/IF Alternators
Used On: (2004-96) Acura, Isuzu, Toyota
Replaces: Nippondenso 021580-4990, Toyota 27357-67100
Unit Nos: Isuzu 8-97109-780-0, -1; Nippondenso 101211-422; 102211-502, -504, -505, -513, -538; Suzuki 31400-60G12; Toyota, 27060-0F010, -21040, -62190, -75150
Lester Nos: 13671, 13673, 13739, 13753, 13858, 13896
WAI Ref. Nos: 1-2120-01ND, 1-2148-01ND, 1-2182-01ND, 1-2183-01ND, 1-2323-01ND, 1-2368-01ND
Dim: 100mm OD
 M6 x 1.0 x 43mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. Strap.
 Similar to INR5028, except INR5028 w/ 8-diodes.
Features:
 • 6-40A diodes



INR5028
Rectifier

For: Nippondenso 60-70A IR/IF Alternators
Used On: (2000-97) Suzuki, Toyota
Replaces: Nippondenso 021580-5300; Suzuki 31621-75F00
Unit Nos: Nippondenso 102211-507, -509, -515, -528; Suzuki, 31400-60G13, -77E22, -77E23; Toyota, 27060-11170
Lester Nos: 13680, 13711, 13753
WAI Ref. Nos: 1-2148-02ND, 1-2211-01ND, 1-2424-01ND
Dim: 100mm OD
 M6 x 1.0 x 43mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. Strap.
 Similar to INR502, except INR502 w/ 6-diodes.
Features:
 • 8-40A diodes



INR720-1
(Ref# 31-8201)
Rectifier

For: Nippondenso 60-80A IR/IF Alternators w/ 118mm OD Stator
Used On: (1998-83) Acura, Geo, Honda, Isuzu, Sterling, Suzuki, Toyota
Replaces: Honda 31127-PD2-004, -014; Nippondenso 021580-2160, -2230, -2610, -2620, -3690; Toyota 27357-11100, -16160, -63020, -63060
Unit Nos: Nippondenso 100210-307, -319, -321, -341; 100211-100, -101, -102, -103, -104, -105, -106, -108, -109, -117, -118, -200, -201, -202, -203, -205, -206, -207, -210, -213, -214, -215, -216, -217, -246, -250, -255, -303, -304, -306, -309, -311, -315, -316, -317, -318, -322, -326, -330, -331, -332, -335, -339, -340, -343, -509, -700, -704, -705, -706, -707, -710, -713, -718, -726, -733, -737, -743, -745, -746, -747, -750, -757, -780, -781, -782, -785, -797, -891, -971, -973, -977, -978, -979, -984; 101211-006, -007, -012, -013, -019, -020, -025, -034, -035, -053, -055, -059, -072, -073, -074, -083, -412, -413
Lester Nos: 12205; 13229, 240, 241, 277, 294, 319, 322, 326, 339, 392, 397, 398, 409, 433, 455, 456, 482, 486, 492, 496, 499, 509, 512, 521, 536, 659, 670, 671, 673, 679, 680, 753; 14454, 455, 457, 458, 591, 611, 643, 668, 671, 678, 679, 680, 682, 683, 756, 847, 849, 855, 857, 931, 939, 941, 974
Dim: 100mm OD
 M6 x 1.0 x 43mm Batt. Term.
Note: Without mtg. hole for 46-82300 grd. strap. For version with grd. strap hole and press-fit diodes use INR720P.
Features:
 • Best Value
 • 8-40A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



B+ (M6)

INR720P Rectifier

Same as INR720-1 except...

Note: With mtg. hole for 46-82300 grd. strap.

Features:

- 8-40A press-fit diodes
- Welded diode terminations
- Mounting hole for ground strap



B+ (M8)

INR720XHD Rectifier

Same as INR720-1 except...

Note: With mtg. hole for 46-82300 grd. strap.

Features:

- Heavy Duty
- 8-40A press-fit diodes
- Larger M8 Battery Post
- Copper heat sinks
- Welded diode terminations
- Mounting hole for ground strap

Internal Fan, 103mm OD



B+ (M6)

INR403P (Ref# 31-8208) Rectifier

For: Nippondenso 70-117A ER/IF, IR/IF Alternators w/ 118mm OD Stator

Used On: (2001-85) Chrysler, Dodge, Eagle, Geo, Isuzu, Jeep, Plymouth, Toyota, Volvo

Replaces: Isuzu 8-97046-414-0, 8-97070-808-0; Nippondenso 021580-3640, -3680, -4120, -4490, -4660, -4670, -4840, -5270;

Toyota 27357-74120, -74140, -74260, -74290

Unit Nos: Nippondenso 100211-823, -832, -837, -853, -859, -881, -882, -884, -887, -898; 101211-509, -522, -546, -555; 121000-300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -344, -345, -346, -347, -348, -349, -351, -352, -353, -357, -358, -361, -362, -363, -367

Lester Nos: 13184, 13185, 13234, 13245, 13252, 13256, 13305, 13306, 13307, 13312, 13321, 13341, 13353, 13354, 13419, 13424, 13440, 13442, 13443, 13444, 13454, 13498, 13501, 13556, 13578, 13593, 13822, 13823

Dim: 103mm OD
M6 x 1.0 x 25mm Batt. Term.

Note: With mtg. hole for 46-82300 grd. strap. Similar to INR729P except INR729P wo/ mtg. hole for grd. strap.

Features:

- 8-40A press-fit diodes
- Welded diode terminations



B+ (M6)

INR729P (Ref# 31-8208-1) Rectifier

For: Nippondenso 75-117A ER/IF, IR/IF Alternators w/ 118mm OD Stator

Used On: (1998-85) Chrysler, Dodge, Eagle, Geo, Isuzu, Jeep, Plymouth, Volvo

Replaces: Nippondenso 021580-3640, 021580-3680

Unit Nos: Nippondenso 100211-837, -853; 121000-300, -310, -330, -331, -333, -336, -337, -338, -339, -340, -343, -344, -345, -348, -349

Lester Nos: 13184, 13185, 13245, 13256, 13305, 13306, 13307, 13312, 13341, 13353, 13419, 13424, 13442, 13443, 13444

Dim: 103mm OD
M6 x 1.0 x 25mm Batt. Term.

Note: Without mtg. hole for grd. strap. Similar to INR403P except INR403P w/ mtg. hole for grd. strap.

Features:

- 8-40A press-fit diodes
- Welded diode terminations
- Copper heat sinks



B+ (M8)

INR739 (Ref# 31-8218) Rectifier

For: Nippondenso 100A IR/IF Alternators w/ 118mm OD Stator

Used On: (1993-92) Volvo

Replaces: Nippondenso 021580-4850

Unit Nos: Nippondenso 100211-862, 100211-863

Lester Nos: 13519, 13548

WAI Ref. Nos: 1-1764-01ND, 1-1862-01ND

Dim: 103mm OD
M8 x 1.25 x 33mm Batt. Term.

Features:

- 8-50A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

NIPPONDENSO

Internal Fan, 103mm OD (cont'd.)



B+ (M6)

INR731P Rectifier

For: Nippondenso 70-100A IR/IF Alternators

Used On: (1996-89) Acura, Honda, Lexus, Toyota

Replaces: Honda 31127-PT2-003; Nippondenso 021580-3830, 021580-4030, 021580-4080; Toyota 27357-50040, 27357-62040, 27357-74050

Unit Nos: Honda 31100-P14-A01, -A02; 31100-P30-023, 31100-PT2-003; 31100-PV1-A01, -A02; Nippondenso 100211-802, -803, -807, -819, -830, -839, -855, -856, -857, -860, -864, -866, -877, -587; Toyota 27060-03010, -11220, -15060, -16230, -16240, -62040, -62070, -72180, -76030

Lester Nos: 13276, 13319, 13323, 13331, 13395, 13396, 13407, 13408, 13507

WAI Ref. Nos: 1-1029-01ND, 1-1039-02ND, 1-1421-01ND, 1-1726-01ND, 1-1854-01ND, 1-1857-01ND, 1-1858-01ND, 1-1893-01ND, 1-1965-01ND, 1-1973-01ND, 1-2149-01ND

Dim: 103mm OD
M6 x 1.0 x 43mm Batt. Term.

Features:

- 8-40A press-fit diodes
- Welded diode terminations



B+ (M6)

INR402P (Ref# 31-8212) Rectifier

For: Nippondenso 70-110A IR/IF Alternators w/ 118mm OD Stator

Used On: (2002-89) Acura, Chevrolet, Geo, Honda, Isuzu, Lexus, Toyota

Replaces: Nippondenso 021580-3660, -3830, 4030, 4080, 4480, 4510, 4630, 4760

(cont'd.)

(cont'd.)

Unit Nos: Nippondenso 100211-802, -803, -805, -806, -807, -811, -813, -815, -819, -828, -830, -835, -838, -839, -848, -854, -855, -856, -857, -864, -866, -871, -874, -875, -877, -885, -886, -889, -899; 101211-501, -502, -508, -511, -514, -515, -516, -523, -524, -527, -528, -536, -541, -542, -543, -549, -550, -554, -562, -569, -571, -572, -585, -597, -901, -906, -910, -912, -914, -925, -931, -933, -951, -959, -960, -963, -976, -978, -981, -986, -996, -999; 102211-101, -102, -124, -171

Lester Nos: 13276, 278, 319, 323, 325, 331, 393, 394, 395, 396, 407, 408, 413, 457, 481, 487, 489, 495, 497, 506, 507, 529, 537, 538, 539, 540, 551, 557, 558, 674, 677, 684, 722, 732, 737, 743, 747, 754, 755, 756, 767, 768, 776, 794

Dim: 103mm OD
M6 x 1.0 x 43mm Batt. Term.

Note: With mtg. hole for 46-82300 grd. strap. Similar to INR722P except INR722P w/ M8 B+ terminal.

Features:

- 8-40A press-fit diodes
- Welded diode terminations



B+ (M8)

INR722P (Ref# 31-8217) Rectifier

For: Nippondenso 80-90A IR/IF Alternators w/ 118mm OD Stator

Used On: (2000-93) Lexus, Toyota
Replaces: Nippondenso 021580-4640, -4650; Toyota 27357-46130, -46290

Unit Nos: Nippondenso 100211-545, -883; 101211-545, -556, -561, -915, -916, -935, -941, -971

Lester Nos: 13545, 13546, 13552, 13669, 13748

WAI Ref. Nos: 1-1864-01ND, 1-1975-01ND, 1-1976-01ND, 1-2008-01ND, 1-2144-01ND, 1-2146-01ND

Dim: 103mm OD
M8 x 1.25 x 48mm Batt. Term.

Note: With mtg. hole for 46-82300 grd. strap. Similar to INR402P except INR402P w/ M6 B+ terminal.

Features:

- 8-40A press-fit diodes
- Welded diode terminations

Internal Fan, 107mm OD



B+ (M8)

INR730 (Ref# 31-8203) Rectifier

For: Nippondenso 80-100A IR/IF Alternators w/ 128mm OD Stator

Used On: (1988-87) Toyota

Replaces: Nippondenso 021580-2950, Toyota 27357-43110

Unit Nos: Nippondenso 100211-240, 100211-283, 100211-284

Lester Nos: 14460

WAI Ref. Nos: 1-1081-01ND, 1-1855-01ND

Dim: 107mm OD
M8 x 1.25 x 43mm Batt. Term.

Features:

- 8-40A diodes

Internal Fan, 113mm OD



B+ (M6)

INR728P (Ref# 31-8207) Rectifier

For: Nippondenso 110-120A ER/IF Alternators w/ 130mm OD Stator

Used On: (1996-88) Chrysler, Dodge, Plymouth

Replaces: Nippondenso 021580-4020

Unit Nos: Nippondenso 121000-400, -401, -403, -404, -405, -406, -407, -408, -409, -410

Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313

WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND

Dim: 113mm OD
M6 x 1.0 x 25mm Batt. Term.

Note: Without mtg. hole for grd. strap. Similar to INR734P except INR734P is w/ mtg. hole for grd. Strap.

Features:

- 8-40A press-fit diodes
- Welded diode terminations

ALTERNATOR - RECTIFIERS (TRANSPO)



INR734P
(Ref# 31-8210)
Rectifier

For: Nippondenso 120-136A ER/IF Alternators w/ 130mm OD Stator
Used On: (2001-88) Chrysler, Dodge, Jeep, Plymouth
Replaces: Nippondenso 021580-4820
Unit Nos: Nippondenso 121000-400, -401, -403, -404, -405, -406, -407, -408, -409, -412, -413, -415, -416, -417, -421, -426, -427, -428, -429, -433
Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313, 13453, 13592, 13594, 13741, 13742, 13746, 13765, 13766, 13824, 13842
WAI Ref. Nos: 1-1491-01ND, -02ND, -03ND, -04ND; 1-1504-01ND, -02ND, -03ND, -04ND, -05ND, -06ND; 1-2007-01ND, 1-2056-01ND, 1-2074-01ND, 1-2075-01ND, 1-2087-01ND, 1-2226-01ND; 1-2227-01ND, -02ND; 1-2228-01ND
Dim: 113mm OD
M6 x 1.0 x 25mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap.
Similar to INR728 except INR728 is wo/ mtg. hole for grd. strap.
Features:

- 8-40A press-fit diodes
- Welded diode terminations



INR736
(Ref# 31-8215)
Rectifier

For: Nippondenso 110A IR/IF Alternators w/ 130mm OD Stator
Used On: (1995-91) Acura
Replaces: Honda 31127-PY3-003, Nippondenso 021580-4250
Unit Nos: Nippondenso 100211-617
Lester Nos: 13387
WAI Ref. Nos: 1-1410-01ND
Dim: 113mm OD
M8 x 1.25 x 33mm Batt. Term.
Note: Similar to INR734 except INR734 w/ M6 B+ terminal.
Features:

- 8-50A diodes



INR732P
(Ref# 31-8213)
Rectifier

For: Nippondenso 90-120A IR/IF Alternators w/ 130mm OD Stator
Used On: (1992-90) Lexus, Toyota
Replaces: Nippondenso 021580-4040, -4100, -4430, -4690
Unit Nos: Nippondenso 100211-602, -605, -606, -611, -613, -619, -635, -701
Lester Nos: 13384, 13385, 13388, 13562
WAI Ref. Nos: 1-1092-01ND, 1-1411-01ND, 1-1417-01ND, 1-1420-01ND
Dim: 113mm OD
M8 x 1.25 x 48mm Batt. Term.
Note: Without mtg. hole for grd. strap.
Features:

- 8-40A press-fit diodes
- Welded diode terminations



INR733P
(Ref# 31-8214)
Rectifier

For: Nippondenso 100-120A IR/IF Alternators w/ 130mm OD Stator
Used On: (2005-90) Acura, Lexus, Mazda, Toyota
Replaces: Nippondenso 021580-4610, -5040; Toyota 27357-74170
Unit Nos: Nippondenso 100211-611, -635, -639, -641, -644; 101211-707, -717, -718, -730, -757, -776
Lester Nos: 13384, 13385, 13389, 13553, 13668, 13688, 13714, 13715
WAI Ref. Nos: 1-1092-01ND, 1-1420-01ND, 1-1605-01ND, 1-1866-01ND, 1-2085-01ND, 1-2145-01ND, 1-2230-01ND
Dim: 113mm OD
M8 x 1.25 x 48mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap. Similar to INR735 except INR735 has M6 x 1.0 battery terminal.
Features:

- 8-40A press-fit diodes
- Welded diode terminations



INR735
(Ref# 31-8232)
Rectifier

For: Nippondenso 120-136A ER/IF Alternators w/ 130mm OD Stator
Used On: (2001-98) Chrysler, Dodge, Jeep
Unit Nos: Chrysler 4609999, AB; 56041324, AC; Nippondenso 121000-423, -425
Lester Nos: 13763, 13790
WAI Ref. Nos: 1-2188-01ND, 1-2286-01ND
Dim: 113mm OD
M6 x 1.0 x 43mm Batt. Term.
Note: With mtg. hole for 46-82300 grd. strap. Similar to INR733 except INR733 has M8 x 1.25 battery terminal.
Features:

- 8-50A diodes

Internal Fan, 117mm OD
(Hair Pin Stators)



INR420
Rectifier

For: Nippondenso 130-136A ER/IF Alternators w/ Hair Pin Stators
Used On: (2004-01) Chrysler, Dodge
Unit Nos: Chrysler 4606622AA, 4727324AB, 56029701AA; Nippondenso 421000-003, 421000-011, 421000-012
Lester Nos: 13867, 13914, 13923
WAI Ref. Nos: 1-2536-01ND, 1-2540-01ND, 1-2541-01ND
Dim: 117mm OD
M8 x 1.25 x 42mm Batt. Term.
Features:

- 12-40A press-fit diodes (non-avalanche), OE validated
- Copper heat sinks

ALTERNATOR - RECTIFIERS (TRANSPO)

NIPPONDENSO

Internal Fan, 117mm OD
(Hair Pin Stators) (cont'd.)



INR421
Rectifier

For: Nippondenso 120-160A ER/IF Alternators w/ Hair Pin Stators
Used On: (2005-01) Chrysler, Dodge, Jeep
Unit Nos: Nippondenso 421000-001, 421000-002, 421000-004, 421000-006, 421000-010, 421000-030, 421000-0301
Lester Nos: 11063, 13870, 13871, 13912, 13913
WAI Ref. Nos: 1-2324-01ND, 1-2441-01ND, 1-2505-01ND, 1-2507-01ND, 1-2524-01ND, 1-2535-01ND
Dim: 117mm OD
 M8 x 1.25 x 34mm Batt. Term.
Features:

- 12-40A press-fit diodes (non-avalanche), OE validated
- Copper heat sinks



INR422
Rectifier

For: Nippondenso 130A IR/IF Alternators w/ Hair Pin Stators
Used On: (2005-03) Toyota
Unit Nos: Nippondenso 104210-338, Toyota 27060-0F040
Lester Nos: 13994
Dim: 117mm OD
 M6 x 1.0 x 28mm Batt. Term.
Features:

- 12-50A press-fit avalanche diodes, OE validated
- Copper heat sinks



INR424
Rectifier

For: Nippondenso 130A IR/IF Alternators w/ Hair Pin Stators
Used On: (2004-01) Acura, Honda
Unit Nos: Honda 31100-PGK-A01, -A03; Nippondenso 104210-309
Lester Nos: 13918
Dim: 117mm OD
 M8 x 1.25 x 42mm Batt. Term.
Features:

- 12-40A press-fit avalanche diodes, OE validated
- Copper heat sinks

PRESTOLITE



PR731
(Ref# 31-600)

Rectifier - Negative

For: Prestolite ANB Series Alternators
Replaces: Case A44459; Caterpillar 2P1720; Prestolite 35-731, ANB-1024AS
Unit Nos: Case A44794, A47434; Caterpillar 2P1698, 2P5113, 2P7836, 5C8661, 6N5468, 9S4870; Prestolite 51-212, ANB-6004
Lester Nos: 7331
Note: With diode trio.
Features:

- 3-25A button diodes
- Aluminum heat sink



PR731HD
Rectifier - Negative

Same as PR731 except...

- Features:**
- Heavy Duty
 - 3-25A tin can diodes
 - Aluminum heat sink



PR732
(Ref# 31-601)

Rectifier - Positive

For: Prestolite ANB Series Alternators
Replaces: Case A44460; Caterpillar 2P1719; Prestolite 35-732, ANB-1024SS
Unit Nos: Case A44794, A47434; Caterpillar 2P1204, 2P1698, 2P5113, 2P7836, 5C8661, 6N5468, 9S4870; Prestolite 51-212; ANB-6004, -7002, -7003, -7004
Lester Nos: 7331
Features:

- 3-25A button diodes
- Aluminum heat sink



PR732HD
Rectifier - Positive

Same as PR732 except...

- Features:**
- Heavy Duty
 - 3-25A tin can diodes
 - Aluminum heat sink

ALTERNATOR - RECTIFIERS (TRANSPO)

VALEO

Valeo - Ducellier



IDR197
(Ref# 31-9400)
Rectifier

For: Ducellier / Valeo 30-60A ER/EF, IR/EF Alternators

Used On: (1987-70) Renault

Replaces: Ducellier 581025, 581071, 581078, 593074, 606625, 611197, 611199, 611788, 618093, 618439, 618503, 618720, 690260, 690971; Valeo NC013, NC014

Unit Nos: Ducellier / Valeo 7284C, 7527, 7548, 7549, 7550, 7555, 7557, 7558, 7575, 7576, 7577, 7578, 7581, 7582, 7584, 7585, 7586, 7591, 7596, 7597,

512010, 513001, 513003, 513008, 513009, 514006, 514011, 514012, 514013, 515001, 515002, 515003, 515009, 515014, 515015, 515016, 515018, 516006, 516017, 516020, 516023, 516024, 516025, 516026, 516031, 516033, 516035, 516037, 516038, 516044, 516047, 516048, 516057, 516058, 516062, 581207, 581208, 593009

Lester Nos: 14044, 14082, 14084, 14323, 14329, 14569, 14582, 14959

WAI Ref. Nos: 1-1305-01DU,

1-1309-01DU, 1-1310-01DU, 1-1314-01DU

Dim: 17.5mm Thick Heat Sink

Note: Without diode trio.

For version w/ diode trio use IDR560.

Features:

- 6-25A button diodes



IDR560
(Ref# 31-9441)
Rectifier

For: Ducellier / Valeo 50A IR/EF Alternators

Used On: (1980-79) Fiat; Fiatallis

Replaces: Ducellier 581004, 581015, 581020, 581026, 581064, 581090, 593075, 611544, 612318, 618043, 618487, 618568, 619568, 690744, 691337; Valeo NB928, NB931

Unit Nos: Ducellier / Valeo 7564, 7569, 7571, 7590, 7595, 7599, 513002, 513004, 513005, 513009, 513010, 513011, 513014, 514002, 514004, 514005, 514007, 514010, 514014, 515006, 515008, 515010, 515013, 516002, 516003, 516004, 516005, 516012, 516014, 516019, 516021, 516027, 516032, 516040, 516041A, 516041, 516046, 516053, 516054, 516055

Lester Nos: 14294, 14954

WAI Ref. Nos: 1-1334-01DU

Dim: 17.5mm Thick Heat Sink

Note: With diode trio.

Features:

- 6-25A button diodes



IDR559-1
(Ref# 31-9404)
Rectifier

For: Ducellier / Valeo IR/EF Alternators

Used On: (1987-80) Renault

Replaces: Ducellier 618559, 618640, 669250, 690972, 691452; Valeo NC016

Unit Nos: Ducellier / Valeo 7580A, B, C; 7584B, 7593A; 515005A, B; 515012A; 516008A, B, C, D; 516009A, B, C; 516030C, D, E; 516034A, B; 516042A, B, C; 516045A, B, C; 516049A, B

Lester Nos: 14324, 14327, 14330

WAI Ref. Nos: 1-1307-01DU,

1-1311-01DU, 1-1313-01DU

Dim: 24mm Thick Heat Sink

Features:

- 6-25A diodes

Valeo - GM



MER520
Rectifier - Positive

For: Valeo 125A IR/IF Alternators

Used On: (2005-01) Buick, Pontiac

Replaces: Valeo 2548933

Unit Nos: Delco / GM 10300559, 10317731, 10426395;

Valeo 2542454A, 2650132A, SG12B041, SG12B0S41, SG12S057, SG12S083

Lester Nos: 13866

WAI Ref. Nos: 1-2551-01VA

Dim: M8 x 1.25 Batt. Term.

Note: 6-stator leads.

For negative diodes pressed into SRE frame use 32-1050101.

Features:

- 3-50A press-fit avalanche diodes



MER521

Rectifier - Positive

For: Valeo 105A IR/IF Alternators

Used On: (2005-02) Chevrolet,

Oldsmobile, Pontiac, Saturn

Replaces: Valeo 2650236

Unit Nos: Delco / GM 10317647, 10440635, 22683070;

Valeo 2542558, 2650010, 2650016, 2650135A, SG10S034, SG10S036, SG10S037, SG10S044, SG12S029, SG12S035

Lester Nos: 13944, 13993

WAI Ref. Nos: 1-2506-01VA,

1-2529-01VA

Dim: M8 x 1.25 Batt. Term.

Note: 3-stator leads.

For negative diodes pressed into SRE frame use 32-1050101.

Features:

- 3-50A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS

ALTERNATOR - RECTIFIERS (TRANSPO)

VALEO

Valeo - Motorola



MER101
(Ref# 31-9436)
Rectifier

For: Motorola / Valeo 50-55A 9AR Series IR/EF Alternators

Used On: BMW Marine, British Leyland, Dodge, Ford, Jaguar, Lotus, Massey Ferguson, Mercedes Benz

Replaces: Valeo 501-105

Unit Nos: Motorola / Valeo 9AR2539K, 2561K, 2630K, 2681K;

Valeo 510-054, 510-122, 510-155

Lester Nos: 14609

WAI Ref. Nos: 1-1334-01VA

Note: With diode trio

Features:

- 6-25A diodes



MER102
(Ref# 31-9411)
Rectifier

For: Motorola / Valeo 55-65A 9AR Series IR/EF Alternators

Used On: Alfa Romeo, Audi, Ford Imports, Mercedes, VW

Replaces: Valeo 501-001, 501-009, 501-053, 501-076, 501-111, NB428, NB435

Unit Nos: Iskra 11-201-068, -071, -077, -078, -143, -147, -219, -220, -222;

Motorola / Valeo 9AR2500K, 2506K, 2511F, 2515K, 2516F, 2517K, 2519F, 2520K, 2524F, 2525K, 2709L, 2756F, 2830L, 2838L, 2884L, 2897L, 2919P, 2920P, 2997K, 5036L;

Valeo 510-001, -005, -013, -016, -017, -018, -019, -020, -021, -022, -023, -024, -086, -087, -098, -115, -186, -206, -210, -211, -236, -270, -283, -328, -330, -345, -346, -411, -452

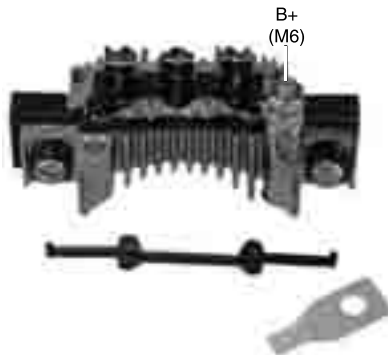
Lester Nos: 13105

WAI Ref. Nos: 1-1585-01VA

Note: With diode trio

Features:

- 6-25A diodes



MER103
(Ref# 31-9406)
Rectifier

For: Motorola / Valeo 35-75A 9AL, 9AR Series ER/EF, IR/EF Alternators

Used On: Mack, Perkins, Volvo-Penta

Replaces: Valeo 501-003, -008, -012, -015, -019, -025, -032, -039, -041, -043, -047, -048, -056, -062, -067, -068, -071, -073, -096, -098, -100, -101, -102, -107, -108, -112, -114, -115

Unit Nos: Motorola / Valeo 9AL2546G, 2576G, 2586G, 2940K, 2967P, 3911G, 3927G, 3955G, 3956G, 5002K, 5004G, 6011G; 9AR2501K, 2513F, 2514F, 2547F, 2548F, 2549F, 2553K, 2563F, 2564F, 2565F, 2567F, 2587F, 2632F, 2692G, 2710P, 2712P, 2714F, 2730P, 2731R, 2732P, 2733P, 2734P, 2735P, 2736P, 2737P, 2738P, 2740P, 2741P, 2742P, 2744P, 2745P, 2746P, 2747P, 2752P, 2775F, 2777L, 2779L, 2780K, 2809D, 2810L, 2811K, 2831P, 2854P, 2870P, 2874R, 2881P, 2898P, 2923P, 2946P, 2951L, 2958P, 2967P, 2984L, 2988L, 2989L, 2992P, 2999P, 3599G, 3711G, 3713G, 3739G, 3743G, 3790G, 3791G, 3855G, 3894D, 3921G, 3947G, 3952G, 3953G, 3959G, 5001K, 5009H, 5017R, 5031P, 5033P, 5034P, 5037L, 5038L, 5039L, 5041P, 5043P, 5048P, 5055P, 5073L, 5080K, 6000G, 6012G, 6014G, 6016G, 6032G, 6035G, 6094G, 6095G;

Valeo 2518099, 2522095, 2522104, 2522117, 2522159, 2522758, 2522976, 2523068, 2523069, 2523070, 2523071, 2523117, 2523159, 2523161, 2523162, 2523164, 2523165, 2523211, 2523212, 2523214, 2523215, 2523216, 2523349, 2523413, 2541233, 2541234, 2541235, 2541236, 2541423, 2927340, 2937430, 2940020, 2940060, 2940090, 2940173, 2940208, 2940349, 2940353, 2940733, 2940753, 2940754, 2940776, 2940817, 2940922, 2940925, 2940926, 2940928, 2941123, 2941389

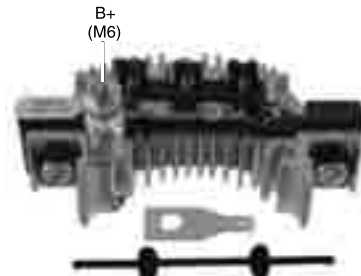
Lester Nos: 12120, 12154, 12172, 12173, 12292

Dim: M6 x 1.0 Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes



MER105
(Ref# 31-9412)
Rectifier

For: Motorola / Valeo 9AR Series IR/EF Alternators

Used On: (1987-80) Renault

Replaces: Valeo 501-031, -034, -066, -078, -079, -097, -113, -117, -119; 2522190, NB121, NB785

Unit Nos: Motorola / Valeo 9AR2659K, 2660K, 2675K, 2676K, 2695K, 2760K, 2778K, 2869K, 2933P, 2934K, 2935P, 2936P, 2945K, 2948K, 2950K, 2950P, 2996K, 2996P, 5023K, 5023P, 5024P, 5042P; Valeo 510-146, -147, -151, -152, -172, -208, -228, -302, -349, -350, -351, -353, -366, -367, -373, -407, -440, -460

Lester Nos: 14325, 14327, 14329, 14582

WAI Ref. Nos: 1-1307-01VA,

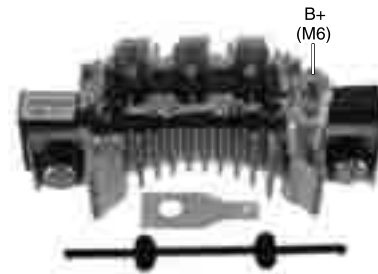
1-1309-01VA, 1-1314-01VA

Dim: M6 x 1.0 Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes



MER106
(Ref# 31-9406)
Rectifier

For: Motorola / Valeo 35-75A 9AL, 9AR Series ER/EF, IR/EF Alternators

Used On: (1990-88) Peugeot; Massey Ferguson

Replaces: Valeo 501-014, -020, -060, -095; 592554, 2522084

Unit Nos: Motorola / Valeo 9AL2507G, 2540G, 2560G, 2582K, 2595K, 2607P, 2617K, 2658K, 2679K, 2685K, 2793P, 2800G, 2826K, 2885K, 3544G, 5009F; 9AR2510K, 2513F, 2514F, 2547F, 2549F, 2553K, 2556K, 2566K, 2591G, 2638P, 2663K, 2672P, 2673K, 2690P, 2691G, 2693P, 2694P, 2714F, 2715F, 2755P, 2794K, 2815K, 2856K, 2904L, 2909P, 2930G, 2941L, 2964K, 2990P, 2995F, 2998K, 3599G, 3620G, 3649G, 3949K, (cont'd.)

ALTERNATOR - RECTIFIERS (TRANSPO)

(cont'd.)

5062K, 5097P, 6093K, 6095G;
Valeo 510-006, -012, -014, -038, -040,
-044, -056, -079, -095, -110, -123, -128,
-148, -149, -157, -160, -166, -181, -191,
-205, -244, -250, -257, -321, -326, -375,
-377, -408, -409, -480, -519;

Lester Nos: 12172, 12304, 14332,
14566, 14609, 14610

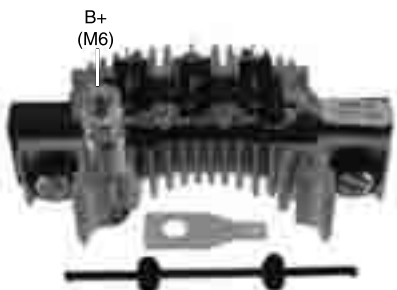
WAI Ref. Nos: 1-1333-01VA,
1-1334-01VA, 1-1534-01VA

Dim: M6 x 1.0 x 15mm Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes



MER107
Rectifier

For: Motorola / Valeo 9AL, 9AR Series
IR/EF Alternators

Used On: Elgin Sweeper

Replaces: Valeo 501-118

Unit Nos: Motorola / Valeo 9AL2524K,
2578G, 2579G, 2585G, 2616K, 2618G,
2766K, 2767P, 2768G, 2788K, 2924K,
3580G, 3581G, 3586G, 3776G, 3925G,
3926G, 3985G, 3986G; 9AR2588K,
2596K, 2619G, 2621L, 2661P, 2723P,
2724P, 2789G, 2805G, 2867L, 2993G,
2994P, 3721G, 3787G, 3797G, 3798G,
3868G, 3927G, 3983G, 3987G, 6015K,
6025K;

Valeo 2518057, 2940347, 2940426,
2940778, 2940780, 2940793, 2940815;
510-273, -296, -369, -403,

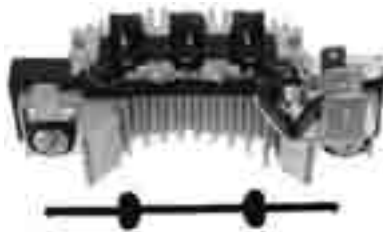
Lester Nos: 12120, 14388

Dim: M6 x 1.0 Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes



MER108
Rectifier

For: Motorola / Valeo 50-65A 9AR Series
IR/EF Alternators

Used On: (1985-84) VW

Replaces: Valeo 2522148, A940163A,
NB119

Unit Nos: Motorola / Valeo 9AL2759K;
9AR2759, 2785K, 5081K, 5082G,
5083G, 5084L, 5085L, 5086L, 5087K,
5089G, 5090L, 5105K;

Valeo 510-217, -218, -219, -232, -233, -415,
-416, -417, -418, -419, -420, -421, -422,
-446, -447, -448, -501, -502, -503, -504,
-505, -506, -507, -509, -510, -521, -522, -523

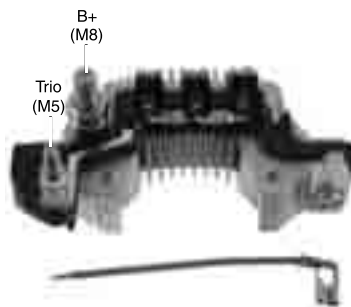
Lester Nos: 13174

WAI Ref. Nos: 1-1398-01VA

Note: With diode trio

Features:

- 6-25A diodes



MER109
Rectifier

For: Motorola / Valeo 45-65A IR/EF
Alternators

Used On: (1993-86) VW

Replaces: Valeo 2523321, A940677A,
VW-Audi 036-903-359J

Unit Nos: Valeo 2541221, 2541222,
2541395, 2541396, 2541402, 2541438,
290300, 290301, 290302, 290303,
290304, 290306, 290307, 290308,
290309, 290310, 290311, 290363,
290365, 290367, 290369, 290371,
290373, 290375, 2940300, 2940301,
2940302, 2940303, 2940304, 2940305,
2940306, 2940307, 2940308, 2940309,
2940310, 2940311, 2940375; A13E02,
03, 04, 05, 06, 07, 08, 09, 10, 11, 12,
13, 21, 22, 43, 47, 48, 49, 54, 58, 58

Lester Nos: 14875, 14995

WAI Ref. Nos: 1-1387-01VA,
1-1464-01VA

Dim: M5 x 0.8 x 12mm Trio Term.
M8 x 1.25 x 12mm Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes



MER201
Rectifier

For: Motorola / Valeo 9AR Series IR/EF
Alternators

Used On: Boss Trucks, Drivers Marine,
Frigiking Carrier, IHC, John Deere,
Renault Marine, Sambro/Deutz IH,
Yanmar/Ford Marine, Yanmar Leyland
Marine

Replaces: Valeo 501-037, 501-046
Unit Nos: Motorola / Valeo 9AR2682F,
2799G, 2821G, 2882F; 5054G;
Valeo 510-162, -249, -336, -337, -338,
-385, -471, -805, -847

Dim: M6 x 1.0 x 15mm Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes



MER202
Rectifier

For: Motorola / Valeo 30-35A 9AR Series
IR/EF Alternators

Used On: Audi, British Leyland,
David Brown, Derby, Ford, International
Harvester, Land Rover, Lincoln, Lotus,
Range Rover, Renault V.I., VW

Replaces: Valeo 501-024

Unit Nos: Motorola / Valeo 9AR2876D,
9AR2895F; Valeo 510-304, 510-325,

Note: With diode trio

Features:

- 6-25A diodes

ALTERNATOR - RECTIFIERS

ALTERNATOR - RECTIFIERS (TRANSPO)

VALEO

Valeo - Motorola (cont'd.)



MER1920 Rectifier

- For:** Motorola / Valeo IR/IF Alternators
Used On: Citroen, Peugeot
Replaces: Valeo 2809019, 2809020, 593287, 593499
Unit Nos: Valeo A14VI15, A14VI16, A14VI27, A14VI35, A14VI41
Features:
- 12-50A press-fit avalanche diodes (6/side)
 - Crimp-weld diode terminations
 - Heat-sink connecting strap provided



MER1921 Rectifier

- For:** Valeo 140A IR/IF Alternators
Used On: Buick (China)
Replaces: Valeo 2809019, 2809020, 593287, 593499
Unit Nos: Valeo A14VI63, SA14VI63
Note: With P-Terminal

Valeo - Paris Rhone



MER592 Rectifier

- For:** Paris Rhone / Valeo IR/IF Alternators
Used On: (2002-92) BMW, VW
Replaces: Valeo 592845, 592915, 2521487, 2523372, 2523972, A546062A, NF016, NF017
Unit Nos: Paris Rhone / Valeo A11VI21, 22, 35, 36, 62, 66; A13N217; A13VI18, 40, 41, 44, 54, 60, 61, 61, 114, 121, 123, 124, 125, 132, 140; Valeo, 2541298, 2541299, 2541410, 2541415, 2541416, 2541420, 2541447, 2541457, 2541458, 2541459, 2541461, 2541494, 2541814A, 2541815A, 2541821, 2541835A
Lester Nos: 13458, 13470, 13654, 13655, 13656, 13658
WAI Ref. Nos: 1-1539-01VA, 1-1539-02VA, 1-1539-03VA, 1-1808-01VA, 1-1809-01VA, 1-1813-01VA, 1-2131-01VA,
Dim: 107mm OD
M8 x 1.25 Batt. Term.
Note: With diode trio.
Features:
- 6-50A diodes



IPR844 Rectifier

- For:** Paris Rhone / Valeo 70-115A IR/IF Alternators
Used On: (2001-93) Audi, BMW, Mercedes, VW
Replaces: Valeo 592844, 592917, 593186, 2546062, 2546076, 2546084
Unit Nos: Paris Rhone / Valeo A13VI24, 67, 69, 70, 74, 75, 77, 78, 79, 99, 100, 134, 135, 137, 138, 155, 156, 170, 175, 176, 180, 197, 198, 220; Valeo 2514656, 2541273, 2541348, 2541417, 2541418, 2541473, 2541475, 2541617, 2541620, 2541644, 2541655, 2541656, 2541658, 2541665, 2541676,
(cont'd.)

(cont'd.)

2541678, 2541680, 2541683, 2541696, 2541697, 2541699, 2541703, 2541724, 2541726, 2541741, 2541767, 2541775, 2541776, 2541793, 2541794, 2541801, 2541802, 2541812, 2541814, 2541815, 2541816, 2541895

Lester Nos: 13376, 13464, 13664, 13708, 13709, 13814

WAI Ref. Nos: 1-1846-01VA, 1-1950-41VA, 1-1950-42VA, 1-2168-01VA, 1-2383-01VA, 1-2451-01VA

Dim: 107mm OD
M8 x 1.25 Batt. Term.

Note: With diode trio. With W-terminal.

Features:

- 6-35A press-fit avalanche diodes



IPR846 Rectifier

- For:** Paris Rhone / Valeo 75-110A IR/IF Alternators
Used On: Renault, Peugeot
Replaces: Valeo 545940, 592846, 592847, 2545941
Unit Nos: Paris Rhone / Valeo 11VI29, 30, 31, 59, 61; A13VI11, 13, 14, 16, 17, 20, 21, 22, 23, 25, 28, 30, 32, 34, 35, 45, 47, 52, 55, 57, 62, 64, 65, 66, 66, 104, 105, 106, 107, 131, 153; Valeo 2541244, 2541262, 2541307, 2541308, 2541310, 2541311, 2541325, 2541339, 2541340, 2541343, 2541344, 2541349, 2541359, 2541386, 2541393, 2541394, 2541443, 2541448, 2541485, 2541600, 2541602, 2541603, 2541604, 2541608, 2541610, 2541610B, 2541613, 2541625, 2541641, 2541642, 2541643, 2541788, 2541789, 2541790, 2541791, 2541797, 2541826
WAI Ref. Nos: 1-2278-01VA
Dim: 107mm OD
M6 x 1.0 x 19mm, M8 x 1.25 x 19mm Stepped Batt. Term.
Note: With W-terminal.
Similar to IPR847 except:
IPR846: 8-diode rectifier
IPR847: 6-diode rectifier
Features:
- 8-35A press-fit avalanche diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IPR847
Rectifier

For: Paris Rhone / Valeo 75-80A IR/IF Alternators
Used On: Renault, Peugeot
Replaces: Valeo 545937, 592847, 2545938
Unit Nos: Paris Rhone / Valeo A11V129, 30, 31, 59, 61; A13V114, 16, 20, 23, 64, 65, 66, 66, 104
Dim: 107mm OD
 M6 x 1.0 x 19mm, M8 x 1.25 x 19mm Stepped Batt. Term.
Note: With W-terminal.
 Similar to IPR846 except:
 IPR846: 8-diode rectifier
 IPR847: 6-diode rectifier
Features:

- 6-35A press-fit avalanche diodes



IPR848
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (2003-99) Audi, VW
Replaces: Valeo 546041, 592848, 2546048, NF009
Unit Nos: Paris Rhone / Valeo A11V115, 16, 17, 18, 47, 48; A13V131, 48, 85, 86, 87, 88, 94, 95, 101, 102;
 Valeo 2541355, 2541356, 2541360, 2541361, 2541362, 2541455, 2541731, 2541738, 2541739, 2541740, 2541758, 2541759, 2541784, 2541785, 2542227
Lester Nos: 13933
WAI Ref. Nos: 1-2440-01VA
Dim: 107mm OD
 M8 x 1.25 Batt. Term.
Note: With diode trio.
Features:

- 6-35A press-fit avalanche diodes



IPR124
(Ref# 31-9425)
Rectifier

For: Paris Rhone / Valeo ER/EF, IR/EF Alternators
Used On: Peugeot, Renault
Replaces: Ducellier 593076; Paris Rhone 92086, 92785, 92919, 92928, 92939; Valeo NC124
Unit Nos: Paris Rhone / Valeo A11R1, 2, 3, 4; A12R1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 36, 37, 38, 42, 43, 44, 45, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56, 57, 58, 59; A13M11;
 Valeo 100060, 100061, 100677, 100954, 101370, 101493, 102157, 102158, 102450, 102451, 103117, 104379, 104849, 104850, 105110, 105793, 432715, 432728, 432745
Lester Nos: 14039, 14566, 14567, 14953, 14954
WAI Ref. Nos: 1-1305-01PR, 1-1333-01PR, 1-1334-01PR
Features:

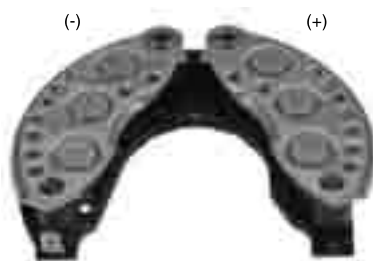
- 6-50A diodes



IPR135-1
(Ref# 31-9421)
Rectifier

For: Paris Rhone / Valeo 50-90A ER/EF Alternators
Used On: (1989-88) Eagle
Replaces: Paris Rhone 101743, 102527, 103543, 105380, 180593; Valeo A103543A, A180593A, NC145; Volvo 33431263
Unit Nos: Paris Rhone / Valeo A13N6, 7, 8T, 14, 15, 12, 13, 17, 27, 29, 30, 49, 50, 53, 64, 65, 85, 86, 89, 97, 104, 110, 121, 136, 137, 139, 150, 156, 157, 158, 160, 161, 162, 163, 187, 188, 199, 204, 206, 209, 210, 226; A14N12, 13, 14, 40, 50, 69, 70, 85, 86, 96, 106, 107, 117, 125, 131, 151, 181, 195
Lester Nos: 12049, 14039, 14567, 14893, 14900, 14921, 14961
WAI Ref. Nos: 1-1305-01PR, 1-1308-01PR
Dim: 115mm OD
Note: Without diode trio, w/ capacitor, w/ single AC stator tap
Features:

- 6-50A press-fit diodes



IPR103-1
Rectifier

For: SEV / Valeo 35-55A ER/EF, IR/EF Alternators
Used On: (1980-78) Saab
Replaces: Paris Rhone 350011; SEV 71215103, 71215603; Valeo NC388
Unit Nos: SEV / Valeo 71635202, 71635502, 71635802, 71636002, 71645002, 71650202, 71651202, 71651302, 71651602, 71652202, 71655202, 71655502
Lester Nos: 14320
WAI Ref. Nos: 1-1281-01SV, 1-1333-01SV
Dim: 115mm OD
Note: With diode trio.
Features:

- 6-40A press-fit diodes



IPR157-1
Rectifier

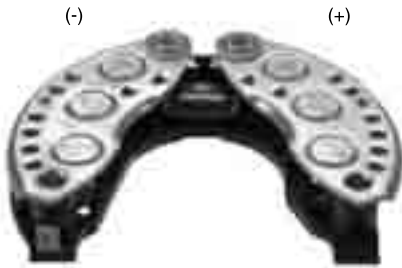
For: SEV / Valeo 55A IR/EF Alternators
Used On: (1987-80) Renault
Replaces: Paris Rhone 100157; SEV 71215303; Valeo NC133, NC216
Unit Nos: SEV / Valeo 71635102, 71635602, 71635902, 71636102, 71650802, 71651802, 71651902, 71652402, 71652602, 71770102, 71770202
Lester Nos: 14322, 14326, 14329, 14582
WAI Ref. Nos: 1-1309-01SV, 1-1314-01SV
Dim: 115mm OD
Features:

- 6-40A diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

VALEO

Valeo - Paris Rhone (cont'd.)



IPR203-1
(Ref# 31-9413)
Rectifier

For: Paris Rhone / Valeo 50-75A IR/EF Alternators

Used On: (1982-79) Volvo

Replaces: Paris Rhone 1100931, 104941, 104971, 2181199; Valeo 592596, NC138

Unit Nos: Paris Rhone / Valeo A13N9, A13N25, A13N39, A13N46, A13N47, A13N129, A13N242, A14N7, A14N90, A14N93, A14N97

Lester Nos: 14420

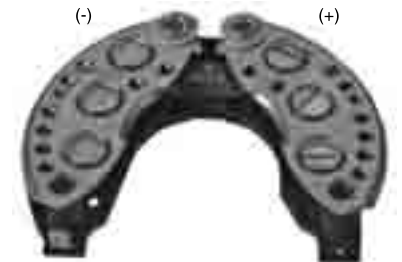
WAI Ref. Nos: 1-1294-01PR

Dim: 115mm OD

Note: With diode trio, w/ capacitor.

Features:

- 6-40A press-fit diodes



IPR203HD-1
(Ref# 31-9413-1)
Rectifier

Same as IPR203-1 except...

Features:

- 6-50A press-fit diodes
- Copper heat sinks



IPR227-1
(Ref# 31-9431)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Renault, Saab, Scania

Replaces: Paris Rhone 101227, 104269; Renault 5000-810-536; Valeo NC137

Unit Nos: Paris Rhone / Valeo A13N44T, A13N45T, A14N39, A14N133, A14N135, A14R33

Dim: 115mm OD

Note: With diode trio, w/ W-terminal, w/ capacitor.

Features:

- 6-50A press-fit diodes



IPR252-1
(Ref# 31-9442)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Renault

Replaces: Paris Rhone 105690; Valeo 592881, A523707A, A523724A, NC141

Unit Nos: Paris Rhone / Valeo A13N88, A13N171, A14N62

Dim: 115mm OD

Note: Without diode trio, w/ W-terminal, w/ capacitor

Features:

- 6-50A press-fit diodes



IPR342-1
(Ref# 31-9433)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Renault, RVI

Replaces: Paris Rhone 101342; Renault 5000-803-982; Valeo A523728A, NC161

Unit Nos: Paris Rhone / Valeo A13N4T, A13N5T, A13N22T, A13N61T, A13N229T, A14N3T, A14N28T, A14N32T

Dim: 115mm OD

Note: With diode trio, w/ W-Terminal, w/ 330 ohm resistor, w/ capacitor

Features:

- 6-50A press-fit diodes



IPR537-1
Rectifier

For: Paris Rhone / Valeo 70-85A IR/EF Alternators

Used On: (1982-79) Volvo

Replaces: Paris Rhone 180537, Peugeot 574491; Valeo 592595, 592779, NC144

Unit Nos: Paris Rhone / Valeo A13N25, A13N123, A13N178, A13N179, A14N18, A14N91, A14N92, A14N97

Lester Nos: 14420

WAI Ref. Nos: 1-1294-01PR

Dim: 115mm OD

Note: With diode trio, w/ capacitor.

Features:

- 6-50A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)



IPR539-1
(Ref# 31-9402)
Rectifier

For: Paris Rhone / Valeo 50-90A IR/EF Alternators

Used On: (1989-80) Eagle, Renault

Replaces: Paris Rhone 100175, 101217, 101759, 103539, 103570, 103576, 104292, 105135, 105629; Renault 5000-815-155;

Valeo A105901A, A180510A, NC139, NC936

Unit Nos: Paris Rhone / Valeo A13N10, A13N18, 19, 20, 31, 43, 62, 82, 84, 87, 91, 92, 103, 106, 113, 114, 116, 120, 124, 125, 126, 127, 128, 146, 159, 172, 173, 180; A13R258; A14N1, 2, 9, 10, 22, 35, 36, 42, 51, 55, 56, 59, 60, 63, 64, 65, 77, 83, 84, 89, 99, 101, 102, 103, 113, 121, 130, 134, 142, 150

Lester Nos: 13224, 14329, 14331, 14582, 14894, 14895, 14899, 14900, 14922, 14959, 14961, 14963

WAI Ref. Nos: 1-1306-01PR, 1-1307-01PR, 1-1308-01PR, 1-1309-01PR, 1-1310-01PR, 1-1311-01PR, 1-1314-01PR, 1-1331-01PR, 1-1602-01PR

Dim: 115mm OD

Note: Without diode trio, w/ capacitor

Features:

- 6-50A press-fit diodes



IPR551-1
(Ref# 31-9403)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Deutz, Volvo-Penta Marine, Volvo White-GMC

Replaces: Paris Rhone 102556, 103551, 181155; Valeo 181155, A523726A, NC135, NC730; Volvo 872383

Unit Nos: Paris Rhone / Valeo A12N2M; A13N1M, 2M, 34, 51, 52, 134M, 140T, 143, 143M, 147M, 148M, 149M, 152M, 165, 186, 186M, 190, 282, 28M, 33M, (cont'd.)

(cont'd.)

35M, 36M, 55M, 57M, 66M; A14N43M, 44M, 47M, 81M, 100M, 110M, 112M, 114T, 115M, 116M, 118M, 119M, 122M, 137, 137M, 148, 177M

Lester Nos: 12110, 13060, 13068, 13208

WAI Ref. Nos: 1-1938-01PR, 1-1945-01PR, 1-2525-01VA

Dim: 115mm OD

Note: With diode trio, w/ W-terminal, w/ capacitor

Features:

- 6-50A press-fit diodes



IPR554-1
(Ref# 31-9443)
Rectifier

For: Paris Rhone / Valeo 70-85A IR/EF Alternators

Used On: (1990-85) Peugeot

Replaces: Paris Rhone 105554, 2181241; Peugeot 574461

Unit Nos: Paris Rhone / Valeo A13N130, A14N80, A14N82, A14N88; Peugeot 570515

Lester Nos: 14894, 14955

WAI Ref. Nos: 1-1331-01PR, 1-1336-01PR

Dim: 115mm OD

Note: With diode trio, w/ 82 ohm resistor, w/ capacitor

Features:

- 6-40A press-fit diodes



IPR615-1
(Ref# 31-9414)
Rectifier

For: Paris Rhone / Valeo IR/EF Alternators

Used On: (1987-85) Jeep (Diesel)

Replaces: Paris Rhone 104615, 105522, 105523, 106016; Valeo NC143

Unit Nos: Chrysler 53001762, 53001764, 53002267, 53006070; (cont'd.)

(cont'd.)

Jeep-Eagle JR775029; Paris Rhone / Valeo A13N81, 90, 107, 108, 112, 117, 119, 164, 185; A14N4, 53, 54, 132, 152, 158, 163, 164; Valeo 104247, 104248, 104252, 180577, 180580, 183011

Lester Nos: 14891, 14978

WAI Ref. Nos: 1-1512-01PR, 1-1513-01PR

Dim: 115mm OD

Note: Without diode trio, w/ capacitor, w/ W-terminal

Features:

- 6-50A press-fit diodes



IPR713-1
(Ref# 31-9405)
Rectifier

For: Paris Rhone / Valeo 75-90A IR/EF Alternators

Used On: (1984-77) Porsche

Replaces: Paris Rhone 101713

Unit Nos: Paris Rhone / Valeo A14N11, A14N38, A14N71;

Porsche 911-603-120-04, 928-603-114-00, 928-603-114-01

Lester Nos: 14594, 14602, 14957

WAI Ref. Nos: 1-1361-01PR, 1-1579-01PR

Dim: 115mm OD

Note: With diode trio, w/ capacitor

Features:

- 6-40A press-fit diodes



IPR747
(Ref# 31-9434)
Rectifier

For: Paris Rhone / Valeo 50-70A IR/EF Alternators

Used On: Citroen, Peugeot

Replaces: Valeo 592747, 592749, NC976

Unit Nos: Paris Rhone / Valeo A13N151, A13N177, A13N181, A13N182, A13N183, A13N218, A13N219, A13N261

Dim: 115mm OD

Note: With diode trio, w/ capacitor

Features:

- 6-40A press-fit diodes

ALTERNATOR - RECTIFIERS (TRANSPO)

VALEO

Valeo - Paris Rhone (cont'd.)

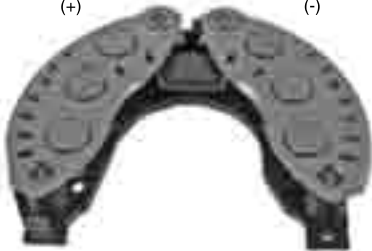
(-) (+)



IPR773-1 Rectifier

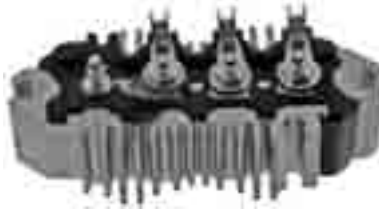
For: Paris Rhone / Valeo, SEV / Valeo ER/EF, IR/EF Alternators
Used On: (1986-78) Peugeot, Volvo
Replaces: Paris Rhone 101773, 101776, 103546; SEV 71215403, 71216903; Valeo NC134, NC217
Unit Nos: Paris Rhone / Valeo A13N56M, 83, 94; A13R248, 259, 266, 267, 268; A14N23, 78; SEV / Valeo 71636202, 71636302, 71636402, 71636802, 71636902, 71652002, 71652102, 71652702, 71652703, 71653102, 71653202, 71655002, 71655102, 71655302, 71770002;
 Valeo 100402, 101989, 102240, 102242, 102243, 105114;
 Volvo 1269124-2, 1269183-8, 1325292
Lester Nos: 14263, 14281, 14289, 14291, 14609, 14953, 14954, 14955
WAI Ref. Nos: 1-1290-01SV, 1-1295-01SV, 1-1299-01SV, 1-1334-01PR, 1-1334-01SV, 1-1336-01PR
Dim: 115mm OD
Note: With diode trio, w/ 82 ohm resistor.
Features:
 • 6-40A press-fit diodes

(+) (-)



IPR813-1 (Ref# 31-9430) Rectifier

For: Paris Rhone / Valeo 50-75A IR/EF Alternators
Used On: Peugeot
Replaces: Paris Rhone 105813, 105814; Peugeot 574465; Valeo 592741, 592742, A521404A, NC142
Unit Nos: Paris Rhone / Valeo A13N80, A13N95, A13N167, A13N214, A13N243, A14N16
Lester Nos: 14584
Dim: 115mm OD
Note: With diode trio, w/ 82 ohm resistor, w/ capacitor
Features:
 • 6-40A press-fit diodes



IPR906 Rectifier

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1989-84) Porsche
Replaces: Paris Rhone 300903; Valeo A105612A, A105947A
Unit Nos: Paris Rhone / Valeo A14N67, 73, 76, 95, 104, 124, 140; Porsche 911-603-120-05; Valeo 180475, 2104905, 2105128, 2105129, 2105447, 2180475, 2180590, 2518085, 2541197
Lester Nos: 14892, 14986
WAI Ref. Nos: 1-1362-01PR
Note: Used w/ IPR908 rectifier.
Features:
 • 6-25A diodes



IPR908 Rectifier

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1989-84) Porsche
Replaces: Paris Rhone 300903; Valeo A105612A, A105947A
Unit Nos: Paris Rhone / Valeo A14N67, 73, 76, 95, 104, 124, 140; Porsche 911-603-120-05; Valeo 180475, 2104905, 2105128, 2105129, 2105447, 2180475, 2180590, 2518085, 2541197
Lester Nos: 14892, 14986
WAI Ref. Nos: 1-1362-01PR
Note: Used w/ IPR906 rectifier.
Features:
 • 8-25A diodes

Valeo - SEV



ISR704 (Ref# 31-9426) Rectifier - Negative Negative Assembly

For: SEV / Valeo 35-70A ER/EF, IR/EF Alternators
Used On: (1978-67) Porsche, Renault, Saab, Volvo
Replaces: Porsche 901-603-909-00; SEV 71205003, 71211003, 71211303, 71211903, 71213303, 71213503; Valeo NC202, NC895, NC903; Volvo 1207430, 465035
Unit Nos: Porsche 911-603-120-00, 911-603-120-02; Saab 85-20-959; SEV / Valeo 71206002; 71210002, 302, 402, 502, 602, 702, 802, 902; 71211302, 402; 71212402, 602; 71220402, 802; 71223002, 702; 71226003, 102, 202, 302, 402, 502, 602, 702, 802, 902; 71227002, 102, 302, 402, 502, 702, 902; 71228002, 102, 202, 302, 402, 502, 602, 702, 802, 902; 71229002, 102, 202, 302, 402, 502; 71230102, 402, 702, 802; 71231002, 102, 202, 402, 502, 702; 71233002, 71243002; 71270202, 402; 71271202, 302; 71293402, 452; 71333102, 71470302, 71523102; Volvo 269629-0, 419787, 462892-1, 462893-9, 827302
Lester Nos: 14224, 14226, 14227, 14228, 14239, 14265, 14280, 14298, 14310, 14326, 14329, 14531, 14566, 14579, 14580
WAI Ref. Nos: 1-1280-01SV, 1-1287-01SV, 1-1288-01SV, 1-1298-01SV, 1-1305-01SV, 1-1309-01SV, 1-1328-01SV, 1-1333-01SV, 1-1359-01SV, 1-1360-01SV
Dim: M5 x 0.8 Batt. Term.
Features:
 • 25A press-fit diodes



ISR705
Rectifier - Negative
Negative Assembly

For: SEV / Valeo 85A IR/EF Alternators

Used On: (1984-78) Porsche

Replaces: SEV 71214703

Unit Nos: Porsche 928-603-113-03;
 SEV / Valeo 71236002

Lester Nos: 14572

WAI Ref. Nos: 1-1369-01SV

Dim: M5 x 0.8 Batt. Term.

Features:

- 50A press-fit diodes
- Copper heat sink



ISR2190
(Ref# 31-9420)
Rectifier

For: SEV / Valeo 'FRED' Brushless
 35-40A IR/EF Alternators

Used On: Volvo-Penta Marine

Replaces: SEV 70250003

Unit Nos: Renault 7700-521-119;
 SEV / Valeo 70229002, 70229102,
 70229402, 70229502, 70229602,
 70229702, 70229802, 70230002,
 70230102, 70230202, 70230302,
 70230402, 70230502;

Volvo-Penta 826495, 834964

Lester Nos: 13128, 14282

Dim: 80mm Mtg. Length

M6 x 1.0 Batt. Term.

Note: With diode trio

Features:

- 6-25A diodes

SPECIALTY



911-225
Rectifier

Used On: EMV, Industrial, Marine
 Applications w/ High Amp Alternators

Dim: 7" L x 5" W x 2.5" H





Features:

- Universal Severe Duty Rectifier
- Remote mount
- Negative ground
- Convection cooled
- Continuous load reliability up to 225A
 at 14V
- 6-150A stud mount diodes

TRANSPO REGULATORS

ASVR Technology

Patent
Pending

-  Fully OE Compliant functions
 - * Current Limiting
 - * Load Dump Protection
 - * Thermal Shutdown
 - * Shorted Field and Lamp Circuit Protection
-  Internal Construction 100% Welded
-  Zero Solder Joints for High Temperature Reliability Providing Increased Field Life.
-  Simplistic Design - No Printed Circuit Board

Other ASVR-type regulator designs

Other manufacturers claim to have welded construction, and in fact they do. What is not disclosed is that a PCB (printed circuit board) containing various 'tuning' components is used to interface with the ASVR Chip. This PCB concept may exhibit as many as 10 solder junctions.



More than
10 Solder
Joints

The Transpo design eliminates the PCB

with the simplified concept of tuning the ASVR with a minimum of reliable discrete components that are welded directly to the load-frame circuit. The internal package is then encapsulated with premium silicone dielectric gel.



Zero
Solder Joints
All Welded

Transpo's New ASVR Product Lineup for Popular CS and AD-Series Applications



CS130-TYPES

D4081D: Ref# 119438, 438; 1900975; T755
D4113D: Ref# 119441, 429, 436, 437; 1900975; T437
D4258D: Ref# 119425; 1900974; T734
D4453D: Ref# 119411, 430, 445; 1900970; T730
D4460D: Ref# 119446; 1900971; T731

(See pages 388-390)



CS130D-TYPES

D7023D: Ref# 1900970; T76, T79
D7053D: Ref# 1900970; T34; T34
D7053D: Ref# 1900970; T76, T63, T63
D7060D: Ref# 1900976; T25; T25
D7493D: Ref# 1900976; T46, T4; T30

(See pages 391-393)



AD-Series-TYPES

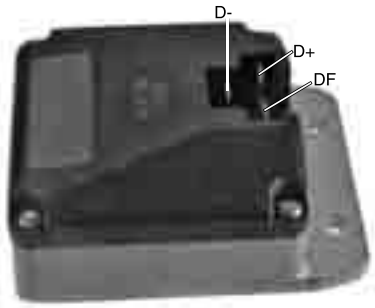
D1983D: Ref# 1945708; T362
D2003D: Ref# 1945800; T422
D2013D: Ref# 1945800; T427
D2023D: Ref# 1945801; T736
D2033D: Ref# 1945801; T914

(See pages 386-387)

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

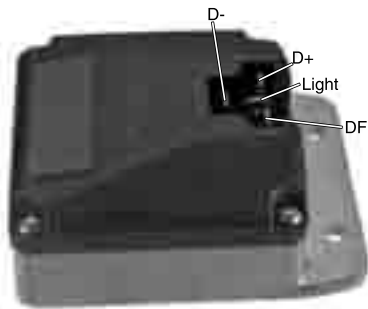
External Regulated / External Fan



IB033-1
(Ref# 35-9132)

Regulator
24 Volt, B-Circuit, 28.3 Vset,
Insulated Grd. Terminal

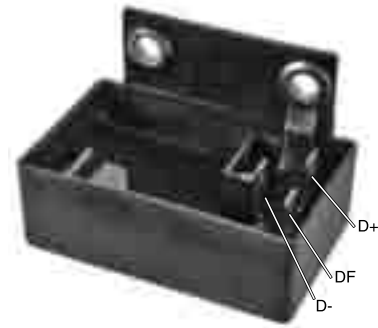
For: Bosch ER/EF Alternators
Replaces: Bosch 0-192-033-001, -002, -004;
MAN 81-25601-0008, 81-25601-6007;
Mercedes 001-154-91-06, 002-154-05-06



IB034-1
(Ref# 35-9128)

Regulator
24 Volt, B-Circuit, 28.3 Vset

For: Bosch ER/EF Alternators
Replaces: Bosch 0-192-033-003, -005; Komatsu 6102617,
Lucas 21931015, Marelli 64800005,
Massey Ferguson 2868511-M91;
Mercedes 11548806, 21540206, 3505477102

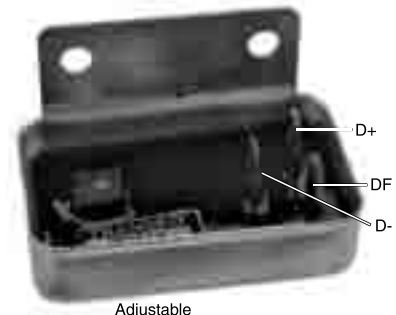


IB301
(Ref# 35-9105)

Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Bosch ER/EF Alternators
Used On: (1979-70) BMW, Mercury, Opel, Porsche, VW
Replaces: BMW 12-32-1-244-409, 12-32-1-350-052,
12-32-1-357-499, 12-32-1-358-134, 12-32-8-708-000,
65-31-1-359-039;
Bosch 0-190-600-001, -003, -006, -008, -018; 0-190-601-001,
-003, -010, -017; 0-192-062-004, -005, -007;
Mercedes 001-154-51-06, 001-154-68-06, 001-154-84-06,
001-154-85-06, 002-154-15-06, 002-154-20-06,
002-154-28-06, 002-154-30-06, 002-154-74-06;
Porsche 901-603-203-01, 901-603-206-00, 901-603-206-02;
VW-Audi 021-903-803, -803A; 028-903-803; 043-903-803,
-803B; 059-903-803, -803A
Unit Nos: Bosch 0-120-400-522, -537, -607, -620, -630, -654,
-716, -726, -728, -758, -764, -767, -771, -772, -803, -808, -815,
-840, -841, -852, -856, -869, -912; 0-120-450-001
Lester Nos: 13009, 13018, 13025, 13030, 13034, 13039,
13040, 13050, 13071, 13073, 13138, 14062, 14539
WAI Ref. Nos: 1-1263-01BO, 1-1274-01BO, 1-1289-01BO,
1-1303-01BO, 1-1304-01BO, 1-1329-01BO, 1-1359-01BO,
1-1364-01BO, 1-1365-01BO, 1-1555-01BO, 1-1558-01BO,
1-1568-01BO, 1-1572-01BO
Note: Similar to IB305-1 except IB301 has aftermarket style
housing. For version w/ adjustable voltage use IB301A.

Features:
• Aftermarket style housing



Adjustable

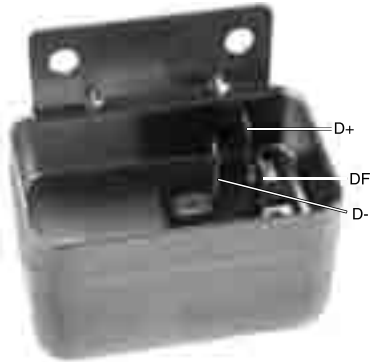
IB301A
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as IB301 except...
Note: Adjustable voltage version of IB301.

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

External Regulated / External Fan (cont'd.)



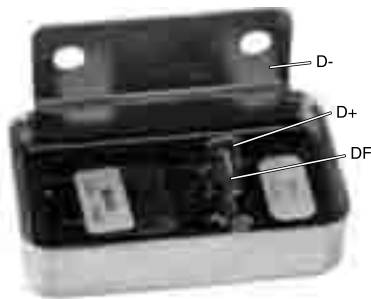
IB305-1
Regulator

12 Volt, B-Circuit, 14.4 Vset

Same as IB301 except...

Features:

- OE style housing

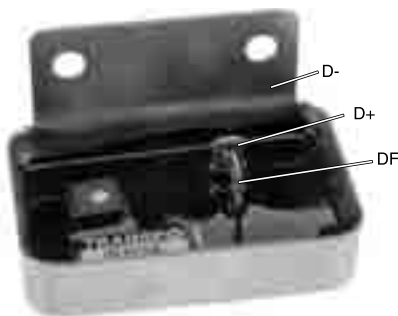


IB303
Regulator

12 Volt, B-Circuit, 14.3 Vset

For: Bosch ER/EF Alternators

Used On: Alfa Romeo, Audi, Austin, Autobianchi, Avia, BMW, DAF, Eicher, Farymann, Faun, Fiat, Ford, Hannomag, Henschel, Holder, Irion, KHD, Lamborghini, Linde, MAN, Magirus Deutz, Mercedes, Opel, Porsche, Renault, Saab, Scania, Volvo, VW
Replaces: Bosch 0-190-600-002, 0-190-600-007, 0-190-601-004, 0-190-601-005, 9-190-006-001, 9-190-006-002



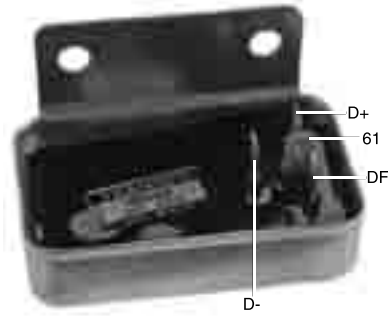
IB303A
Regulator

12 Volt, B-Circuit, 14.3 Vset

Same as IB303 except...

Features:

- Adjustable voltage



IB308
Regulator

24 Volt, B-Circuit, 28.0 Vset

For: Bosch ER/EF Alternators

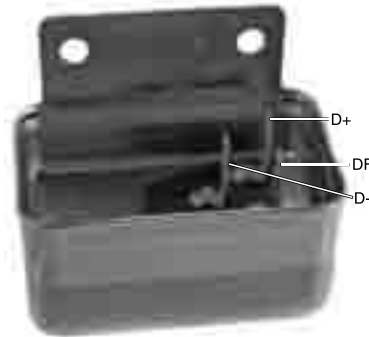
Replaces: Bosch 0-190-700-001, 0-190-700-002, 0-190-700-003, 0-192-063-001;

Massey Ferguson 3227814-M91; Mercedes 002-154-29-06

Unit Nos: Bosch 0-120-400-760

Features:

- Aftermarket style housing

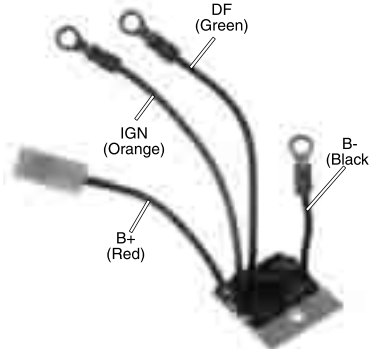


IB307
Regulator

24 Volt, B-Circuit, 28.3 Vset

For: Bosch ER/EF Alternators

Replaces: BMW 12-32-1-358-109; Bosch 0-190-601-016, 0-190-700-004, 0-192-062-002, 0-192-063-002; Mercedes 002-154-28-06, 002-154-36-06; Volvo 1214719, 248279



IB8315

Conversion Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Bosch 40/90A ER/EF Alternator

Used On: (1992-85) Chrysler, Dodge, Plymouth wo/ Fuel Injection (cont'd.)

(cont'd.)

Unit Nos: Bosch 0-120-400-949, -950, -951, -952, -953; 0-120-450-011, -012, -013, -014, -016, -017, -018, -019, -020, -021, -022, -023, -024, -025

Lester Nos: 13186, 13187, 13315, 14789

WAI Ref. Nos: 1-1489-01BO; 1-1495-01BO, -02BO; 1-1496-01BO; 1-1581-01BO, -02BO; 1-2196-00BO

Note: Attach to SRE Frame to bypass defective regulator in vehicle PCM/ECU.

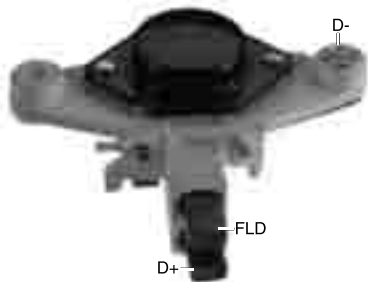
Caution: NOT to be used on Chrysler Vehicles with Electronic Fuel Injection.

Terminal ID: Red B+, Black B-, Green DF, Orange IGN.

Features:

- Bypasses the regulator in the computer module

Internal Regulated / External Fan



IB352-1

Regulator / Brush Holder Assy. 12 Volt, A-Circuit, 14.1 Vset

For: Bosch IR/EF Alternators

Used On: (1995-72) Audi, BMW, Chrysler, Dodge, Plymouth, Pontiac, Porsche, VW

Replaces: Alfa Romeo 116100506011, 119130506000, 119130506023, 705684800000;

BMW 12-31-1-271-664, 12-31-1-726-002;

Bosch 1-192-052-015, -016, -020, -021, -024, -025, -027, -029;

1-197-311-004, -005, -006, -010, -011, -012, -013, -021;

Deutz-Allis 93155548; Fendt X830060022010;

Fiat 60751135, 60751403, 60751439, 9938171, 9942848,

9942885, 99428884, 9950155, 9960176;

Ford 82BB-10316-AA, E5RD-10316-BA; IHC 1530372C1;

KHD 81211111; Opel 1204253, 90007041;

Porsche 928-603-153-00, 944-603-141-00, 944-603-141-01;

Seat 003899919; VW-Audi 068-903-803, B

Unit Nos: Bosch 0-120-468-001, -002, -003, -006, -070;

0-120-469-002, -003, -012, -015, -541, -542, -545, -546, -551,

-552, -553, -554, -556, -558, -559, -560, -561, -566, -575, -576,

-577, -578, -581, -582, -586, -587, -593, -594, -595, -598, -599,

-600, -602, -603, -604, -605, -606, -607, -610, -617, -618, -619,

-621, -622, -623, -624, -631, -632, -633, -635, -636, -637, -638,

-639, -640, -648, -649, -650, -651, -654, -666, -674, -675, -677,

-689, -690, -696, -697, -698, -699, -700, -701, -702, -703, -704,

-705, -706, -707, -708, -710, -711, -712, -714, -715, -716, -717,

-718, -719, -720, -721, -727, -728, -729, -732, -733, -734, -735,

-737, -739, -740, -741, -742, -743, -754, -757, -758, -759, -768,

-775, -776, -778, -780, -782, -783, -790, -794, -795, -804, -805,

-806, -816, -817, -818, -819, -820, -821, -822, -823, -828, -830,

-831, -832, -834, -835, -836, -839, -845, -846, -862, -863, -864,

-865, -868, -869, -876, -877, -878, -879, -885, -886, -887, -888,

-901, -902, -903, -904, -906, -907, -908, -918, -919, -967, -971,

-972, -975, -998; 0-120-484-012; 0-120-488-114, -152, -183,

-184, -219, -220, -221, -238, -245, -246, -247, -249, -254, -263,

-264, -265, -279, -280, -976; 0-120-489-002, -003, -004, -005,

-006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016,

-017, -028, -029, -030, -031, -036, -037, -038, -039, -040, -041,

-042, -043, -044, -045, -046, -057, -058, -062, -063, -076, -077,

(cont'd.)

(cont'd.)

-080, -081, -082, -083, -093, -094, -107, -108, -109, -110, -111,

-112, -113, -114, -115, -116, -117, -120, -121, -122, -128, -129,

-130, -131, -133, -134, -137, -138, -139, -141, -142, -143, -144,

-152, -153, -154, -167, -170, -171, -186, -191, -195, -196, -197,

-198, -199, -200, -201, -202, -203, -204, -205, -206, -207, -208,

-209, -210, -211, -215, -217, -218, -220, -228, -229, -235, -236,

-237, -238, -239, -246, -247, -248, -249, -250, -260, -261, -262,

-282, -283, -308, -338, -349, -351, -352, -353, -365, -366, -367,

-368, -369, -370, -371, -372, -373, -380, -381, -385, -386, -401,

-403, -418, -419, -420, -421, -422, -423, -432, -433, -434, -436,

-437, -438, -474, -486, -487, -489, -493, -494, -549, -903, -904,

-909, -91, -910, -960, -961, -964, -965, -966, -967, -968, -969,

-976, -980, -981, -982, -983, -986, -987, -988, -990, -991, -992,

-993; 0-120-496-593, 0-886-031-501, 9-120-080-129,

9-120-143-036; 9-120-144-205, -206, -207, -216, -217, -237,

-281, -282, -290, -292, -301, -305, -600, -601, -602, -603, -604,

-608, -609, -612, -615, -616, -619, -620; 9-120-334-324

Lester Nos: 12048, 150; 13055, 094, 101, 102, 112, 113, 122,

129, 147, 150, 151, 152, 159, 172, 173, 191, 205, 218, 219,

236, 246, 360, 368, 369, 370, 373, 378; 14000, 057, 395, 396,

410, 412, 418, 603, 605, 765, 769, 778, 779, 782, 797, 798,

799, 803, 806, 807, 812, 813, 814, 818, 821, 825, 956, 969,

970, 971, 972, 988

WAI Ref. Nos: 1-1264-01BO, 1-1265-01BO, 1-1266-01BO,

1-1267-01BO, 1-1268-01BO, 1-1270-01BO, 1-1273-01BO,

1-1275-01BO, 1-1282-00BO, 1-1338-01BO, 1-1343-01BO,

1-1344-01BO, 1-1347-01BO, 1-1348-01BO, 1-1366-01BO,

1-1368-01BO, 1-1370-01BO, 1-1371-01BO, 1-1387-01BO,

1-1388-00BO, 1-1389-01BO, 1-1392-00BO, 1-1395-01BO,

1-1396-01BO, 1-1397-01BO, 1-1398-01BO, 1-1399-01BO,

1-1400-01BO, 1-1403-00BO, 1-1407-01BO, 1-1408-01BO,

1-1454-01BO, 1-1457-01BO, 1-1458-01BO, 1-1460-01BO,

1-1461-00BO, 1-1461-01BO, 1-1462-01BO, 1-1463-01BO,

1-1466-01BO, 1-1469-01BO, 1-1471-01BO, 1-1476-01BO,

1-1500-00BO, 1-1500-01BO, 1-1501-00BO, 1-1501-01BO,

1-1522-01BO, 1-1523-01BO, 1-1529-01BO, 1-1584-00BO,

1-1585-00BO, 1-1586-00BO, 1-1587-00BO, 1-1699-01BO,

1-1848-01BO, 1-1872-01BO

Dim: 28mm Dia. Slip Ring

Note: For adjustable voltage use IB373A-1.

Features:

- Hermetically sealed circuit
- Silver plated trio terminal

IB373A-1

Regulator / Brush Holder Assy. 12 Volt, A-Circuit, 14.4 Vset

Same as IB352-1 except...

Note: Adjustable voltage version of IB352-1.

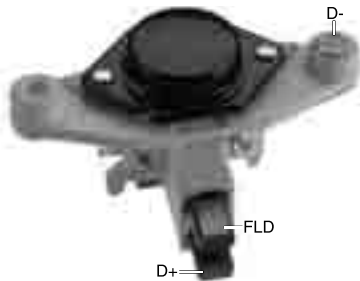
Features:

- Adjustable voltage
- Aftermarket type brush holder

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / External Fan (cont'd.)



IB353-1

(Ref# 35-9104)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/EF Alternators

Used On: (1998-72) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Fiat, Jaguar, Merkur, Plymouth, Pontiac, Porsche, VW

Replaces: BMW 12-31-1-271-664, 12-31-1-726-022, 12-31-1-735-742;

Bosch 0-192-052-024, -025, -027; 1-197-311-004, -005, -006, -010, -011, -012, -013, -021, -026, -027, -028, -037, -038, -040; Porsche 944-603-141-00, Volvo 1323467;

VW-Audi 034-903-803, 068-903-803B

Lester Nos: 13055, 094, 101, 102, 107, 112, 113, 115, 129, 147, 150, 151, 152, 159, 172, 173, 191, 216, 218, 219, 236, 242, 246, 247, 248, 260, 268, 269, 270, 320, 360, 361, 362, 364, 365, 366, 368, 369, 370, 371, 372, 373, 374, 375, 378, 405, 469, 528, 602; 14000, 046, 057, 395, 396, 410, 412, 418, 603, 605, 765, 769, 778, 779, 782, 797, 798, 799, 803, 806, 807, 812, 813, 814, 818, 821, 822, 825, 944, 956, 969, 970, 971, 972, 988, 996, 997

Dim: 28mm Dia. Slip Ring

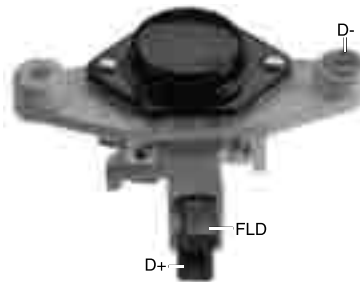
Note: Late style housing. For early style housing use IB357.

Components:

38-9100 Brush

Features:

- Hermetically sealed circuit
- Silver plated trio terminal



IB354-1

(Ref# 35-9103)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.1 Vset, 120 ohm Resistor

For: Bosch IR/EF Alternators

Used On: (1993-73) Audi, Mercedes, Porsche, VW, Volvo

Replaces: BMW 12-31-1-279-548, 12-32-1-271-644, 12-32-1-711-399, 1711391;

Bosch 1-197-311-003, -007, -009, -023, -800; 2-197-311-008, -022, -023;

Mercedes 002-154-41-06, 002-154-51-06, 002-154-72-06;

Saab 85-59-619, 85-71-846; Volvo 1324617, 35237106;

VW-Audi 068-903-803A, D

Unit Nos: Bosch 0-120-468-011, -012; 0-120-469-543, -544, -547, -548, -555, -557, -583, -584, -641, -664, -665, -667, -669, -694, -695, -745, -784, -785, -793, -883, -927; 0-120-488-126; 0-120-489-024, -064, -078, -079, -149, -150, -162, -168, -184, -232, -233, -234, -242, -243, -274, -275, -276, -294, -298, -299, -300, -301, -302, -321, -322, -328, -330, -354, -355, -356, -357, -359, -397, -398, -917, -918, -928, -930, -932, -933, -935, -936, -970, -971, -972, -973, -974, -975, -977, -978, -979, -989; 9-120-144-269, -270, -279, -280, -287, -288

Lester Nos: 13023, 13056, 13122, 13129, 13153, 13154, 13243, 13244, 13367, 13603, 13604, 14059, 14412, 14418, 14603, 14785, 14791, 14820, 14824, 14966

WAI Ref. Nos: 1-1282-00BO, 1-1283-35BO, 1-1283-41BO, 1-1283-45BO, 1-1292-02BO, 1-1296-01BO, 1-1297-01BO, 1-1301-01BO, 1-1302-01BO, 1-1352-01BO, 1-1353-31BO, 1-1353-32BO, 1-1353-41BO, 1-1355-01BO, 1-1358-01BO, 1-1367-01BO, 1-1392-00BO, 1-1457-01BO, 1-1458-01BO, 1-1852-01BO

Dim: 28mm Dia. Slip Ring

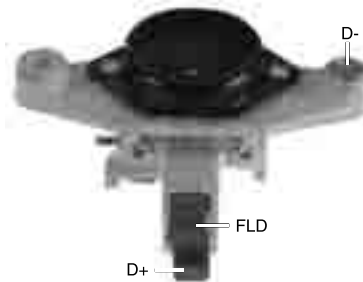
Note: For aftermarket style brush holder & adjustable voltage use IB372A-1.

Components:

38-9100 Brush

Features:

- Hermetically sealed circuit
- Silver plated trio terminal



IB372A-1

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.4 Vset, 120 ohm Resistor

Same as IB354-1 except...

Features:

- Adjustable voltage
- Aftermarket type brush holder



IB355-1

(Ref# 35-9103)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.5 Vset, 120 ohm Resistor

For: Bosch IR/EF Alternators

Used On: (1995-73) Audi, Hyundai, Mercedes, Mitsubishi, Peugeot, Porsche, Saab, VW, Volvo

Replaces: Bosch 1-197-311-003, -007, -008, -009, -022, -023, -035, -800; Saab 85-90-549, Volvo 3523710

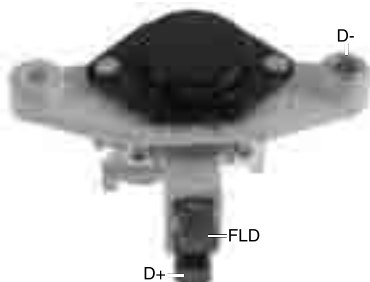
Unit Nos: Bosch 0-120-468-009 to -012, -015, -016, -035, -036, -045, -046, -059; 0-120-469-543, -544, -547, -548, -555, -557, -563, -564, -567, -568, -583, -584, -588, -589, -608, -609, -611, -620, -628, -642, -644, -645, -664, -665, -668, -669, -670, -680 to -685, -744, -745, -746, -785, -786, -787, -793, -811, -812, -881, -882, -883, -896, -897, -927, -928, -935, -943, -945, -946, -947, -948, -992, -993; 0-120-488-120 to -122; 0-120-489-025, -026, -061, -064, -065, -066, -069, -070, -078, -079, -149, -150, -183, -184, -189, -190, -232, -233, -234, -242, -243, -253, -254, -258, -259, -274, -275, -286, -296, -310, -311, -323 to -328, -330, -354 to -358, -395, -396, -404, -405, -451, -452, -466, -881, -882, -917, -918, -928, -930, -932, -933, -935, -936, -971, -972, -974, -975, -997

Lester Nos: 13023, 056, 119, 122, 129, 153, 154, 156, 235, 243, 244, 281, 291, 363, 367, 379, 603, 604, 607; 14059, 392, 412, 418, 420, 421, 595, 603, 783, 784, 785, 791, 802, 820, 824, 876, 964, 965, 966

Dim: 28mm Dia. Slip Ring

Features:

- Hermetically sealed circuit
- Silver plated trio terminal



IB356-1

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.8 Vset, 120 ohm Resistor

For: Bosch IR/EF Alternators

Used On: Citroen, Peugeot

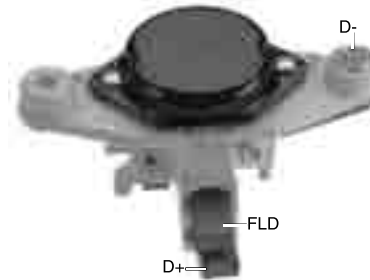
Replaces: Bosch 1-197-311-018, 1-197-311-039; Citroen 576182, 576184, 95658588, 95661777

Unit Nos: Bosch 0-120-488-214, 0-120-488-215, 0-120-489-467, 0-120-489-476

Dim: 28mm Dia. Slip Ring

Features:

- Hermetically sealed circuit
- Silver plated trio terminal
- Brass terminals



IB348-1

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 15.0 Vset

For: Bosch IR/EF Alternators

Used On: (1989-72) Alfa Romeo, AMC, Audi, Deutz, Fiat, Ford, Iveco, John Deere, Lancia, Mercedes, Mercury, Porsche, Same, VW, Volvo, Volvo White-GMC

Replaces: Bosch 0-192-052-003, -018; 1-197-311-000, -001, -002, -090; 2-197-311-090,

Unit Nos: Bosch 0-120-339-503, -504, -505, -506, -509, -510, -511, -512, -513, -514, -515, -516, -517, -518, -519, -520, -521, -522, -523, -531, -532, -533, -534, -535, -536, -539, -542, -543, -544, -545, -546; 0-120-450-009; 0-120-469-500, -501, -502, -503, -504, -505, -506, -507, -511, -512, -513, -514, -515, -517, -524, -525, -528, -530, -531, -533, -534, -535, -537, -538, -539, -570, -573, -574, -590, -591; 0-120-489-001, -019, -020, -021, -047, -048, -049, -050, -051, -052, -054, -074, -075, -500, -502, -506, -507, -508, -509, -510, -511, -512, -513, -514, -520, -522, -526, -527, -533, -535, -536, -538, -541, -542, -545, -546, -547, -548, -551, -557, -558, -559, -560, -561, -562, -567, -568, -569, -570, -572, -574, -576, -578, -580, -581, -586, -589, -592, -593, -594, -595, -599, -600, -601, -603, -604, -605, -606, -607, -609, -611, -613, -614, -616, -617, -618, -619, -623, -624, -625, -626, -631, -632, -633, -634, -635, -636, -644, -645, -646, -647, -648, -653, -654, -656, -659, -664, -665, -666, -667, -668, -669, -670, -671, -673, -676, -678, -679, -681, -687, -691, -692, -698, -699, -700, -701, -705, -706, -713, -714, -715, -716, -717, -718, -719, -720, -721, -722, -732, -738, -739, -741, -743, -744, -745, -746, -747, -748, -749, -752, -753, -755, -756, -758, -759, -760, -761, -762, -763, -765, -766, -767, -768, -769, -770, -771, -772, -773, -774, -776, -777, -778, -780, -781, -782, -783, -785, -786, -787, -788, -797, -798, -799, -800, -801, -802, -803, -804, -805, -806, -809, -810, -811, -812, -813, -815, -817, -820, -821, -823, -824, -825, -828, -829, -833, -837, -838, -839, -840, -841, -842, -843, -844, -846, -847, -848, -849, -850, -851, -852, -853, -854, -855, -856, -857, -858, -859, -861, -862, -863, -864, -865, -866, -868, -869, -870, -871, -872, -873, -878, -880, -887, -892, -893, -894, -895, -896, -899, -913, -914, -915, -916, -919, -921, -922, -924, -937, -938, -939, -940, -942, -943, -947, -948, -949, -950, -951, -952

Lester Nos: 12029, 030; 13054, 055, 056, 093, 094, 101, 107, 108, 109, 112, 113, 115, 116, 119, 122, 129, 7, 150, 152, 153, 156, 159, 161, 172, 194, 203, 204, 206, 207; 14000, 046, 048, 049, 057, 059, 395, 410, 412, 595, 605, 769, 779, 782, 791, 949, 966

Dim: 32mm Dia. Slip Ring

Note: 15.0 Vset,

For 14.1 Vset use IB350-1.

For 14.5 Vset use IB351-1 or IB370-1.

For adjustable voltage use IB370A-1

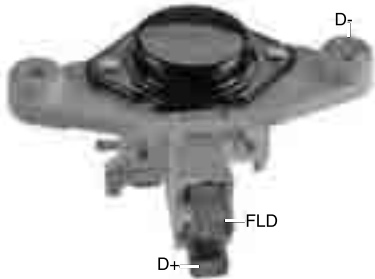
Features:

- Brass terminals
- Silver plated trio terminal

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / External Fan (cont'd.)



IB350-1

(Ref# 35-9102)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset

Same as IB348-1 except...

Note: 14.1 Vset

Features:

- Silver plated trio terminal
- Hermetically sealed circuit

IB351-1

(Ref# 35-9102)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

Same as IB348-1 except...

Note: 14.5 Vset

Features:

- Brass terminals
- Silver plated trio terminal
- Hermetically sealed circuit

IB370-1

(Ref# 35-9102)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

Same as IB348-1 except...

Note: 14.5 Vset

Features:

- Aftermarket style brush holder
- Hermetically sealed circuit

IB370A-1

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

Same as IB348-1 except...

Note: 14.5 Vset

Features:

- Adjustable voltage



IB360-1

(Ref# 35-9117)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset

For: Bosch IR/EF Alternators

Used On: Audi, John Deere, Mercedes Benz Truck, Volvo-White GMC Truck

Replaces: Bosch 0-192-052-033, 0-192-053-032, 1-197-311-029, -030, -031, -034, -043; 2-197-311-029; 9-190-087-016, -020, -023, -028, -034

Unit Nos: Bosch 0-120-468-155; 0-120-469-013, 0-120-469-028, -029, -522, -526, -540, -687, -722, -736, -749, -774, -889, -895; 0-120-488-209, -282, -286; 0-120-489-022, -027, -156, -315, -376, -382, -383, -425, -435, -441, -445, -499, -704, -710; 6-003-3G3-030B, 6-033-GB3-030; 9-120-080-112, -113, -136, -140, -141, -142, -143, -145, -148, -149, -154, -158, -159, -160, -166, -176, -177, -182, -183, -184, -199, -200, -201, -202, -218; F-000-LD0-105 -106

Lester Nos: 12160, 12164, 12220, 13193, 13198, 13207, 14390, 14391, 14396, 14410, 14818, 14970, 14972

WAI Ref. Nos: 1-1387-01BO, 1-1388-00BO, 1-1399-01BO, 1-1400-01BO, 1-1469-01BO, 1-1998-01BO

Dim: 28mm Dia. Slip Ring

Note: With gasket. For 32mm slip ring version use IB368-1.

Components:

38-9100 Brush

Features:

- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



IB362-1

(Ref# 35-9118)

Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.0 Vset

For: Bosch IR/EF Alternators

Used On: Atlas Copco, Caterpillar, Fuchs, IHC, Iveco, KHD, Liebherr, Mercedes

Replaces: Bosch 1-197-311-300, -301, -306, -307

Unit Nos: Bosch 0-120-468-053, -054, -107, -113, -115, -136, -137; 0-120-469-001, -008, -019, -025, -032, -039, -115, -116, -518, -562, -652, -686, -692, -761, -772, -797, -807, -856, -857, -884, -891, -982; 0-120-488-153, -208, -224, -256, -268, -269, -271, -273, -277, -278, -289, -291; 0-120-489-226, -227, -316, -388, -707, -728, -730, -731, -827, -886, -944; 9-120-144-112, -113, -115, -116, -117, -119, -120, -122, -123, -127, -129, -131, -132; 9-120-334-136, -137, -139

(cont'd.)

ALTERNATOR - REGULATORS (TRANSPO)

(cont'd.)

Lester Nos: 12031, 12149, 12157, 12167, 12217, 12218, 12219, 12375

Dim: 28mm Dia. Slip Ring

Components:

38-9100 Brush

Features:

- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



IB363-1

(Ref# 35-9129)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators

Replaces: Bosch 1-197-311-304, Mercedes 002-154-84-06, Renault 5001-831-960, Scania 117253, Volvo 1625880

Unit Nos: Bosch 0-120-468-065, -066, -093, -114, -131, -135; 0-120-469-010, -022, -023, -026, -027, -031, -105, -549, -569, -634, -643, -679, -798, -978, -999; 0-120-489-192, -303, -643

Lester Nos: 12135, 12293

WAI Ref. Nos: 1-1949-01BO

Dim: 28mm Dia. Slip Ring

Note: For early design use IB380.

Features:

- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



IB364-1

(Ref# 35-9130)

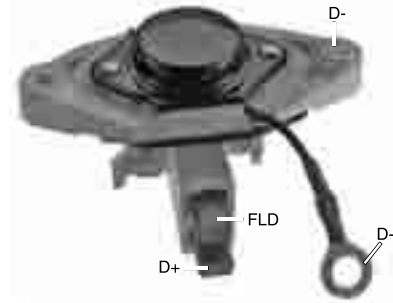
Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 29.0 Vset

For: Bosch IR/EF Alternators

Replaces: Bosch 1-197-311-309

Dim: 28mm Dia. Slip Ring



IB365-1

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators

Used On: DAF, Scania

Replaces: Bosch 0-192-035-020, 0-192-053-015, 1-197-311-308, 1-197-311-312, 1-197-311-327

Unit Nos: Bosch 0-120-468-132; 0-120-469-024, -036, -037, -693, -952, -963, -983; DAF 126735; KHD 1177464; Mercedes 007-154-81-02

Dim: 28mm Dia. Slip Ring

Features:

- Hermetically sealed circuit
- Silver plated trio terminal
- Brass terminals



IB366-1

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators

Used On: Iveco, Mercedes Trucks

Replaces: Bosch 1-197-311-323, 6-033-RD0-002; KHD 1180407, Mercedes 000-154-13-06

Unit Nos: Bosch 0-120-469-102; 6-033-GB3-019, -023; KHD, 1180302; Mercedes, 010-154-91-02, 010-154-92-02

Dim: 28mm Dia. Slip Ring

Features:

- Hermetically sealed circuit
- Silver plated trio terminal
- OE type brush holder

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / External Fan (cont'd.)



IB368-1

(Ref# 35-9117)

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.1 Vset**

For: Bosch IR/EF Alternators

Used On: Case, John Deere, Thermo King

Replaces: Bosch 0-192-052-035, 1-197-311-032, 1-197-311-033, 1-197-311-045

Unit Nos: Bosch 0-120-484-001, -002, -003, -011, -016, -017, -020, -026; 0-120-488-134, -138, -185, -205, -217, -218, -233, -267, -270, -290, -293

Lester Nos: 12145, 12151, 12161, 12168, 12169, 13195, 13199, 14394

WAI Ref. Nos: 1-2237-00BO, 1-2344-00BO, 1-2435-01BO

Dim: 32mm Dia. Slip Ring

Note: With gasket. For 28mm slip ring version use IB360-1.

Components:

38-9100 Brush

Features:

- Brass terminals
- Hermetically sealed circuit
- Silver plated trio terminal



IB369-1

**Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.0 Vset**

For: Bosch IR/EF Alternators

Used On: Case, John Deere, Komatsu

Replaces: Bosch 1-197-311-310, 1-197-311-313

Unit Nos: Bosch 0-120-488-206, -283, -294; Case AR187916; Cummins 3284392, 3920678; John Deere AT161324

Lester Nos: 12148

WAI Ref. Nos: 1-2518-41BO

Dim: 32mm Dia. Slip Ring

Features:

- Hermetically sealed circuit
- Silver plated trio terminal
- OE type brush holder



IB357

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset**

For: Bosch IR/EF Alternators

Replaces: Bosch 0-192-052-024, 0-192-052-025, 0-192-052-027; Volvo 1323467

Dim: 28mm Dia. Slip Ring

Note: Early-style housing. For later style housing use IB353-1. For 1-wire, self-exciting version use IB357SE12.



IB357SE12

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.8 Vset, Self Exciting**

Same as IB357 except...

Note: 1-wire, self-exciting version of IB357.

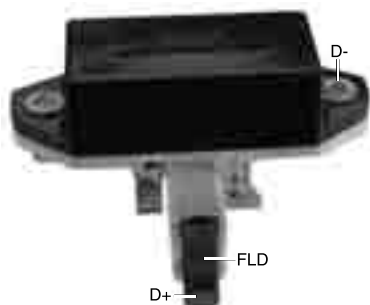
Can be used to convert Bosch alternators for use on Delco 10DN, 10SI farm & industrial applications.

For super-quick turn on, use with D7022QS12 Universal Quick Start Exciter.

Features:

- Self-exciting
- For 1-wire charging systems

ALTERNATOR - REGULATORS (TRANSPO)



IB374-1
(Ref# 35-9106)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.5 Vset

For: Bosch IR/EF Alternators
Used On: Fiat-Allis, KHD, Liebherr, Mercedes Benz, Same, Volvo/DAF
Replaces: Bosch 0-192-053-005, -006, -011, -013, -017; Mercedes 002-154-38-06, 002-154-76-06; Volvo 244426, 9600908
Unit Nos: Bosch 0-120-469-518, -520, -521, -549, -585; 0-120-489-410, -727
Lester Nos: 12134, 12294
Dim: 28mm Dia. Slip Ring
Note: For 1-wire, self-exciting version use IB374SE24
Components:
 38-9100 Brush



IB374SE24
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.9 Vset, Self Exciting

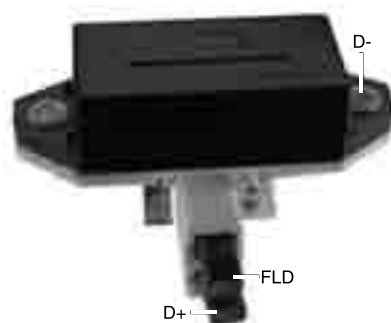
Same as IB374-1 except...
Note: 1-wire, self-exciting version of IB374-1.
 Can be used to convert Bosch cores for Delco 10DN, 10SI farm & industrial applications.
Features:

- Self-exciting
- For 1-wire charging systems



IB375-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Bosch IR/EF Alternators
Used On: Holden (Australia)
Replaces: Bosch 9-190-067-001, -003, -005, -011; Ford XD-10316-A; Holden VS-123-81
Unit Nos: Bosch 0-120-484-035, 9-120-060-910
Dim: 28mm Dia. Slip Ring



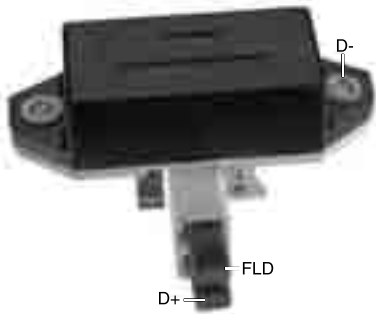
IB378-1
(Ref# 35-9107)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Bosch IR/EF Alternators
Used On: (1980-79) Saab; Case IH, Scania Truck, Volvo Truck
Replaces: Bosch 0-192-052-015, -016, -020, -021, -029, -034, -035; 0-192-082-029; IHC 3079412-R91; John Deere AL30420, AL35999; KHD 1308784, Mercedes 002-154-37-06, Saab 85-59-585, Volvo 244489
Unit Nos: Bosch 0-120-468-028; 0-120-469-522, -532, -762; 0-120-484-002, -003, -016; 0-120-488-217, -267; 0-120-489-317, -387, -658, -708, -709, -729, -736, -737
Lester Nos: 12131, 13119, 13129, 13156, 14595
WAI Ref. Nos: 1-1281-01BO, 1-1282-00BO, 1-2045-01BO
Dim: 28mm Dia. Slip Ring
Components:
 38-9100 Brush

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / External Fan (cont'd.)



IB379-1

Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.3 Vset

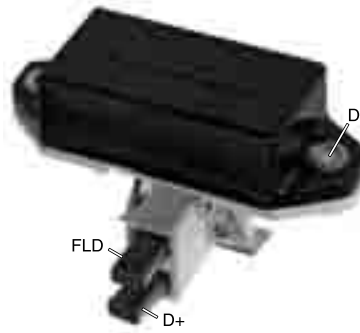
For: Bosch IR/EF Alternators
Used On: Fiat-Allis, KHD, Liebherr, Mercedes Benz, Same, Volvo/DAF
Replaces: Bosch 0-192-053-005, -006, -011, -013, -017; Mercedes 002-154-38-06, 002-154-76-06; Volvo 244426, 9600908
Unit Nos: Bosch 0-120-469-518, -520, -521, -549, -585; 0-120-489-410, -727
Lester Nos: 12134, 12294
Dim: 28mm Dia. Slip Ring
Components:
 38-9100 Brush



IB380

Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.8 Vset

For: Bosch IR/EF Alternators
Replaces: Bosch 0-192-053-019, Scania 362645, Volvo 1606935
Unit Nos: Bosch 0-120-469-523, 0-120-469-798, 0-120-469-807
Dim: 28mm Dia. Slip Ring
Note: For later design use IB363-1.



IB358-1

(Ref# 35-9100)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/EF Alternators
Used On: (1982-73) AMC, Audi, BMW, Fiat, Lancia, Mercedes, Mercury, VW
Replaces: Bosch 0-192-052-001, -002, -004, -005, -006, -008, -011, -012, -013, -014, -017, -019, -022, -026, -028, -031; Mercedes 002-154-06-06, 002-154-18-06, 002-154-25-06; VW-Audi 028-903-803A; 052-903-803, -803B, -803C
Unit Nos: Bosch 0-120-339-527, -528; 0-120-489-309, -475, -501, -519, -521, -523, -532, -534, -544, -550, -556, -582, -587, -588, -590, -602, -608, -610, -615, -620, -621, -622, -627, -628, -629, -630, -641, -642, -649, -650, -651, -652, -655, -657, -660, -683, -685, -686, -687, -688, -711, -712, -735, -742, -751, -775, -818, -819, -822, -826, -830, -832, -834, -835, -860, -867, -874, -875, -876, -877, -897, -898
Lester Nos: 13054, 13055, 13056, 13094, 13101, 13102, 13108, 13109, 13112, 13113, 13115, 13116, 13129, 13147, 13151, 13152, 13153, 13154, 13159, 13172, 13236, 14057, 14395, 14769
Dim: 32mm Dia. Slip Ring
Note: For late thin design use IB351-1
Components:
 38-9102 Brush



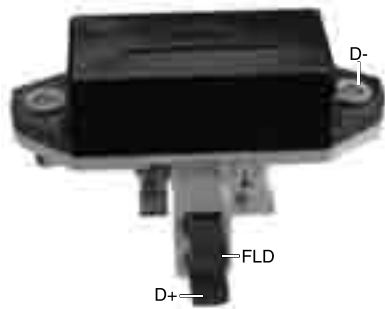
IB371-1

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Bosch IR/EF Alternators
Used On: (1979-75) VW
Replaces: Bosch 0-192-052-007, VW 043-903-803F
Unit Nos: Bosch 0-120-489-565, -566; VW-Audi 040-903-023, A; 043-903-023C
Lester Nos: 13080
WAI Ref. Nos: 1-1386-01BO
Dim: 32mm Dia. Slip Ring
Note: D+ light connection

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)



IB376-1
(Ref# 35-9101)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.5 Vset

For: Bosch IR/EF Alternators

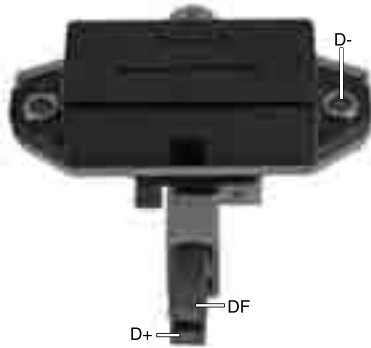
Replaces: Bosch 0-192-052-010, 0-192-053-001, -002, -004, -007, -008, -027; 1-197-311-317

Unit Nos: Bosch 0-120-339-537, -538; 0-120-469-509; 0-120-489-481, -583, -584, -612, -638, -639, -640, -661, -682, -792, -793, -794, -795, -796; 0-986-031-251; 9-120-144-100, -101, -102, -103, -104, -105, -106, -107, -109, -110, -405

Lester Nos: 12134, 12147, 13080, 13129

WAI Ref. Nos: 1-1386-01BO

Dim: 32mm Dia. Slip Ring



IB316
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.5 Vset

For: Bosch IR/EF Alternators

Used On: Renault Agora Bus

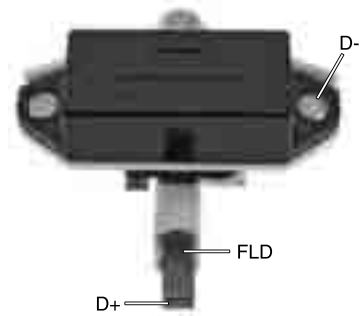
Replaces: Bosch 1-197-311-316

Unit Nos: Bosch 0-120-689-552, -562, -566, -572, -573, -574, -575, -582, -583, -585; Renault 5010-390-082

Lester Nos: 12377

Dim: 32mm Dia. Slip Ring

Note: Early-style housing fits late applications.



IB381
(Ref# 35-9119)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.1 Vset

For: Bosch IR/EF Alternators

Used On: MAN Bus, Mercedes

Replaces: Bosch 0-192-053-003, -009, -012, -014, -025;

1-197-311-315, 9-190-457-001; Iveco 93194810;

KHD 1180441, 1320082, 1320381, 8122275;

MAN 81-25601-6015, -6021, -6025, -6030;

Mercedes 000-154-96-06, 002-154-35-06, 002-154-55-06,

002-154-56-06, 002-154-68-06, 002-154-73-06,

002-154-96-02, 002-154-96-06;

Renault 5000-820-869, 5001-830-093, 5001-831-925;

Scania 1386966; Volvo 1698764, 67115; VW-Audi 2RP-903-803

Unit Nos: Bosch 0-120-489-503, 0-120-623-052;

0-120-689-502, -503, -504, -505, -506, -507, -508, -510, -511,

-512, -513, -514, -515, -516, -517, -520, -521, -522, -523, -525,

-526, -527, -528, -530, -532, -535, -540, -541, -542, -543, -546,

-548, -549, -551

Lester Nos: 12376

Dim: 28mm Dia. Slip Ring

Note: 28.1 Vset. For 28.8 Vset version use IB382.

IB382
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.8 Vset

Same as IB381 except...

Note: 28.8 Vset. Use with lead-gel battery.



IB386
(Ref# 35-9131)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.0 Vset

For: Bosch IR/EF Alternators

Used On: Iveco, Man, Scania Autobus

Replaces: Bosch 0-192-053-021, 1-197-311-319,

1-197-311-320, 9-190-457-003

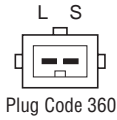
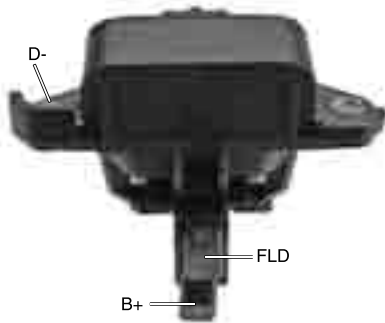
Unit Nos: Bosch 0-120-689-531, 538, 545, 550, 557

Dim: 28mm Dia. Slip Ring

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / External Fan (cont'd.)



IB391

(Ref# 35-9112)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-S Terminals, 14.4 Vset

For: Bosch IR/EF Alternators

Used On: (1991) Mercury Capri; Thermo King, Holden Commodore

Replaces: Bosch 9-190-067-016, Ford E9JY-10316-A, GRE-802

Unit Nos: Bosch 9-120-060-020

Lester Nos: 13300

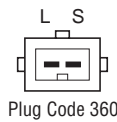
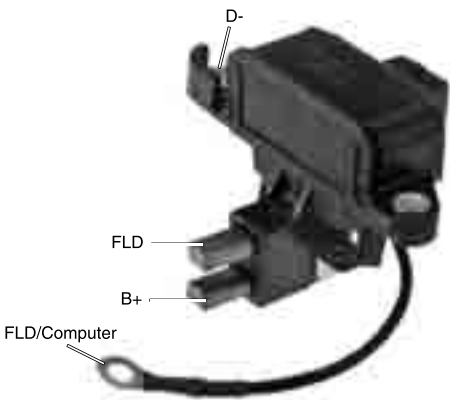
WAI Ref. Nos: 1-1170-01BO

Dim: 28mm Dia. Slip Ring

Components: 38-9100 Brush

Features:

- Soft start



IB392

(Ref# 35-9115)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-S Terminals, 14.4 Vset

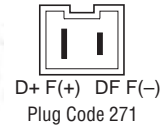
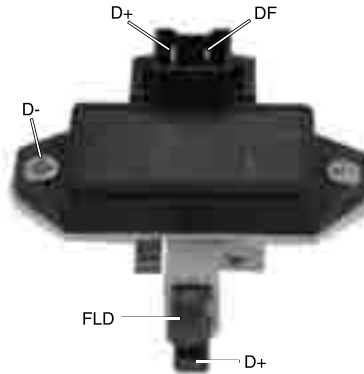
For: Bosch IR/EF Alternators

Used On: Thermo King

Replaces: Bosch 9-190-067-018, Thermo King 44-9143

Unit Nos: Bosch 9-120-060-023, -027

Dim: 28mm Dia. Slip Ring



IB397-1

(Ref# 35-9124)

Regulator / Brush Holder Assy.

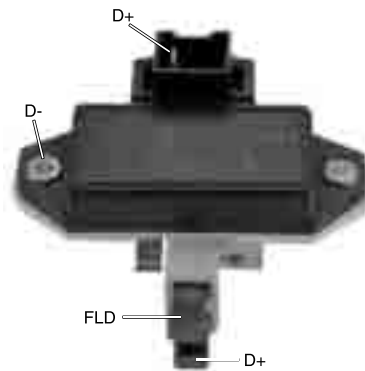
12 Volt, A-Circuit, 14.2 Vset

For: Bosch IR/EF Alternators

Used On: Talbot

Replaces: Bosch 0-192-052-023, Lucas 21221427, Peugeot 576172, Talbot 43269200

Unit Nos: Bosch 0-120-489-059, -999; 9-120-144-219, -220, -232, -233



IB398

(Ref# 35-9125)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.2 Vset

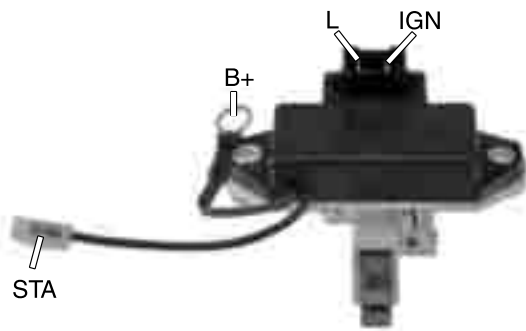
For: Bosch IR/EF Alternators

Replaces: Bosch 0-192-052-030

Unit Nos: Bosch 9-120-144-231

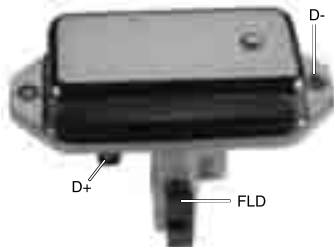
Dim: 28mm Dia. Slip Ring

ALTERNATOR - REGULATORS (TRANSPO)



IB399-1
(Ref# 35-9126)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/EF Alternators
Used On: Renault
Replaces: Bosch 9-191-337-302, -306, -307
Unit Nos: Bosch 9-120-144-257, -258, -260, -262, -267, -268, -272, -274, -276, -278, -284, -286, -298, -303
Dim: 28mm Dia. Slip Ring



IB400
(Ref# 35-9113)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

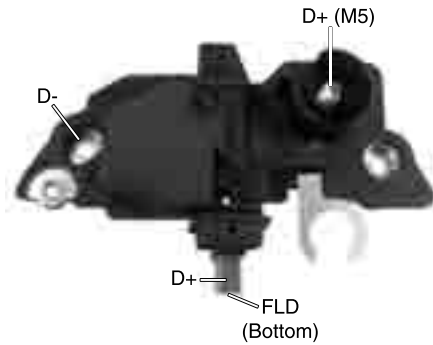
For: Bosch / Wapsa IR/EF Alternators
Used On: Case, Cummins, Kenworth, Peterbilt
Replaces: Bosch 9-190-457-002
Unit Nos: Bosch 9-120-450-014, -137



IB359
(Ref# 35-9127)
Regulator
12 Volt, A-Circuit, 14.2 Vset

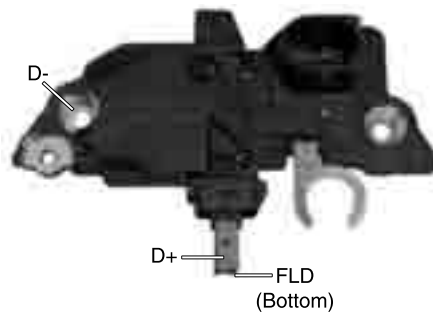
For: Bosch IR/EF Alternators
Used On: VW
Replaces: Bosch 9-121-080-303, 9-190-087-003; VW-Audi 040-903-8031
Unit Nos: Bosch 9-120-080-061, 9-120-080-072, 9-120-080-090, 9-120-080-122
Lester Nos: 13080

Internal Regulated / Internal Fan



IB220
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: Fiat (Europe)
Replaces: Bosch F-00M-145-220
Unit Nos: Bosch 0-124-215-001, -002, -003, -004, -005; 0-124-225-016, -026, -027; 0-124-325-009, -028, -048, -058; 0-124-415-011, -012, -015
Dim: M5 x 0.8 D+ Terminal
Features:
• Soft start



IB225
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, L-FR Terminals, 14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators
Used On: (2005-97) Audi, Mercedes, Porsche, VW
Replaces: Bosch F-00M-145-200, -209, -225
Unit Nos: Bosch 0-124-215-006, 0-124-225-012; 0-124-315-001, -002, -003, -004, -005, -006, -007, -008, -010, -011, -012, -013, -018, -020, -021, -022, -030; 0-124-325-001, -002, -003, -004, -011, -012, -013, -014, -015, -016, -017, -021, -022, -032, -033, -034, -035, -041, -042, -043; 0-124-515-001, -010, -011, -012, -015, -022, -026, -034, -035, -038, -039, -042, -045, -046, -056, -057, -073; 0-124-525-056, -057
Lester Nos: 11041, 11130, 11131, 13810, 13849, 13850, 13851, 13852, 13853, 13884, 13904, 13951
WAI Ref. Nos: 1-2399-01BO, 1-2452-01BO, 1-2519-01BO, 1-2520-01BO, 1-2521-01BO
Dim: 14mm Dia. Slip Ring
Features:
• Soft start
• Temperature compensation

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / Internal Fan (cont'd.)



IB227

Regulator / Brush Holder Assy. 12 Volt, A-Circuit, 14.7 Vset

For: Bosch IR/IF Alternators

Used On: (2005-00) Saturn

Replaces: Bosch F-00M-145-227

Unit Nos: Bosch 0-124-515-008, 0-124-515-043;
GM 9227893, 21019217, 22674550

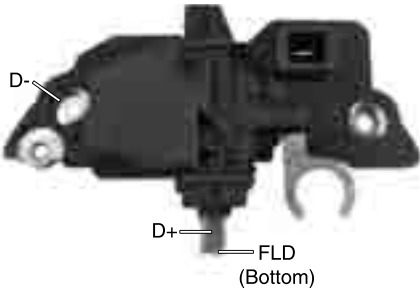
Lester Nos: 13805

WAI Ref. Nos: 1-2256-01BO

Dim: M5 x 0.8 D+ Terminal

Features:

- Lamp activated
- Battery disconnect protection
- Shorted lamp & field protection



IB229

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L Terminal, 14.4 Vset, w/ LRC

For: Bosch IR/IF Alternators

Used On: (2005-00) Volvo

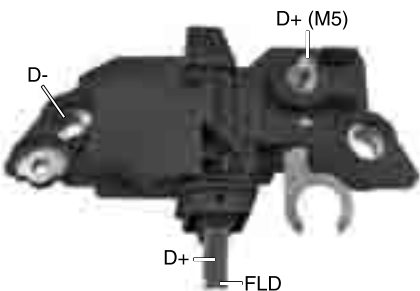
Replaces: Bosch F-00M-145-229

Unit Nos: Bosch 0-124-515-017, -054; 0-124-525-001, -014;
Volvo 9442841

Lester Nos: 13801, 13802, 13997, 13998

Features:

- Soft start



IB231

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L Terminal, 14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators

Used On: Opel, Vauxhall (Europe)

Replaces: Bosch F-00M-145-201, 231

(cont'd.)

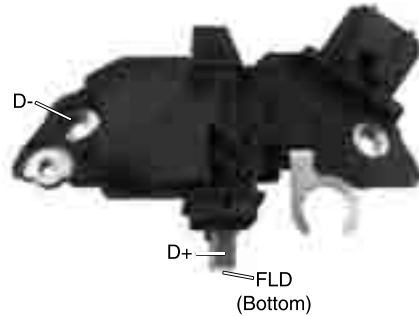
(cont'd.)

Unit Nos: Bosch 0-124-225-001, -002, -004, -009, -018, -022, -023, -024, -025; 0-124-325-023, -054, -055; 0-124-415-001, -002, -005, -008, -010; 0-124-515-004, -005, -006, -023, -031, -061, -099, -100

Dim: M5 x 0.8 D+ Terminal

Features:

- Soft start



IB235

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-FR-L Terminals, 14.4 Vset, w/ LRC

For: Bosch IR/IF Alternators

Used On: Ford (Europe)

Replaces: Bosch F-00M-145-235

Unit Nos: Bosch 0-124-225-021

Features:

- Soft start



IB238

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-DFM Terminals, 14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators

Used On: (2003-99) Audi, Volvo, VW

Replaces: Bosch F-00M-145-237, -238, -354, -355;
Fiat 9949583, VW 038-903-803-F

Unit Nos: Bosch 0-124-315-010, -011, -014; 0-124-325-017, -018, -019, -020, -036, -037; 0-124-515-024, -025, -026, -027, -028, -034, 5-058

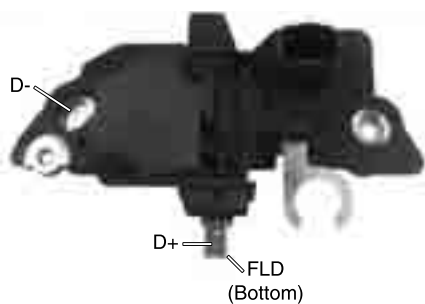
Lester Nos: 11209, 11210, 13921, 13922, 13951

Note: Active L-function - with choke drive

Features:

- Soft start
- Temperature compensation

ALTERNATOR - REGULATORS (TRANSPO)



IB239

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-FR Terminals, 14.8 Vset, w/ LRC

For: Bosch IR/IF Alternators

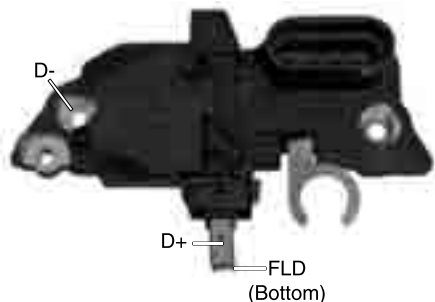
Used On: Renault (Europe)

Replaces: Bosch F-00M-145-239

Unit Nos: Bosch 0-124-325-024; 0-124-415-007, -013, -014, -014

Features:

- Soft start



IB241

(Ref# 35-9122)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-FR-L-D Terminals, 14.4 Vset, w/ LRC

For: Bosch IR/IF Alternators

Used On: (2004-99) Chevrolet, GMC, Oldsmobile, Pontiac

Replaces: Bosch F-00M-145-224, F-00M-145-241

Unit Nos: Bosch, 6-004-MA5-008, 6-004-MA5-011, 6-004-ML0-017, 6-004-ML0-021, 6-004-ML0-024;

Delco 10288764, 10418888, 10418889, 15755900

Lester Nos: 13770, 13771, 13860

WAI Ref. Nos: 1-2234-01BO, 1-2402-01BO, 1-2510-01BO

Note: D-terminal has no connection.

Features:

- Soft start



IB248

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L Terminal, 14.5 Vset, w/ LRC

For: Bosch IR/IF Alternators

Used On: (2006-04) Dodge, Freightliner, Mercedes Sprinter Vans

Replaces: Bosch F-00M-145-248, -358;

Mercedes 003-154-28-06

(cont'd.)

(cont'd.)

Unit Nos: Bosch 0-124-325-039, -093; 0-124-515-064, -114;

0-124-615-019, -033;

Chrysler 5134199AA, 5134204AA, 5134205AA;

Mercedes 012-154-15-02, 012-154-20-02, 012-154-24-02,

012-154-46-02, 013-154-13-02, 013-154-15-02, 013-154-17-02

Lester Nos: 12382, 12383, 12384

WAI Ref. Nos: 1-2589-01BO

Features:

- Soft start



IB251

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.3 Vset

For: Bosch IR/IF Alternators

Used On: (2005-01) BMW

Replaces: Bosch F-00M-145-251

Unit Nos: BMW 12-31-7-501-597, 12-31-7-501-599;

Bosch 0-124-515-050

Lester Nos: 13882

Terminal Designation: L-15

Note: Without temperature compensation.



IB252

Regulator / Brush Holder Assy.

12 Volt, B-Circuit, L Terminal, 14.5 Vset

For: Bosch IR/IF Alternators

Used On: (2005-00) Alfa-Romeo, Citroen, Fiat, Lancia, Peugeot (Europe)

Replaces: Bosch F-00M-145-243, -252, -270

Unit Nos: Bosch 0-124-515-087, -090; 0-124-615-002, -027

Dim: 14mm Dia. Slip Ring

M5 x 0.8 D+ Terminal

Note: Active lamp - with output

Features:

- Short-circuit protection: lamp, field, choke drive

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / Internal Fan (cont'd.)



IB255

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-FR-L Terminals,
14.5 Vset, w/ LRC**

For: Bosch IR/IF Alternators

Used On: (2006-00) Ford Transit Van (Europe)

Replaces: Bosch F-00M-145-255*, -361

Unit Nos: Bosch 0-124-315-019, -027; 0-124-325-100;
0-124-415-016, -030, -032; 0-124-525-021;

Ford 1C1T-10300-AB, -AD, -AE, -AF; 2C1T-10300-AA, -AB, -BA;
YC1T-10300-BC, -BD, -BE, -BG, -BH, -BJ

Note: *Bosch F-00M-145-255 wo/ LRC or Soft Start

Features:

- Soft start
- Temperature compensation



IB286

**Regulator / Brush Holder Assy.
12 Volt, B-Circuit, L-DMF(FR) Terminals
14.5 Vset, 2.5 sec. LRC**

For: Bosch IR/IF Alternators

Used On: Citroen, Peugeot (Europe)

Replaces: Bosch F-00M-145-286, -394

Unit Nos: Bosch 0-124-525-034, -035

Note: Active lamp - with output

Features:

- Soft start
- Short-circuit protection of lamp, field and choke drive circuits



IB298

**Regulator / Brush Holder Assy.
24 Volt, B-Circuit, 28.3 Vset**

For: Bosch IR/IF Alternators

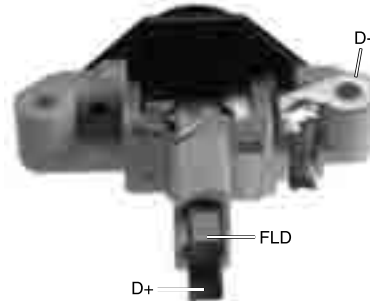
Used On: Mercedes-Benz Trucks

Replaces: Bosch F-00M-145-256, -267, -298, -299, -302, -307
Mercedes 000-154-24-05, 000-154-26-05, 000-154-27-05,
003-154-26-06, 003-154-42-06; Scania 1501245,
Volvo 20802191, VW 2TB-903-803A

Unit Nos: Bosch 0-124-355-001, -002; 0-124-555-001, 002,
003, 004, 007, 008, 011, 012, 015, 016, 021, 022, 023, 025,
032, 036, 038, 040, 041, 042, 044, 045, 046; 0-124-655-001,
-002, -003, -004, -007, -016, -023, -036, -037, -038, -039

Lester Nos: 12387, 12389

Terminal Designations: W-L-15-S-DFM



IB384-1

(Ref# 35-9110)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.5 Vset, 68 Ohm Resistor

For: Bosch IR/IF Alternators

Used On: (1998-92) Volvo

Replaces: Bosch 1-197-311-239

Unit Nos: Bosch 0-120-465-006, 0-123-510-017,
0-123-545-003; Volvo 3523420, 3523420-2, 6849755,
6849755-1, 9130273, 9130273-7

Lester Nos: 13417, 13541, 13632

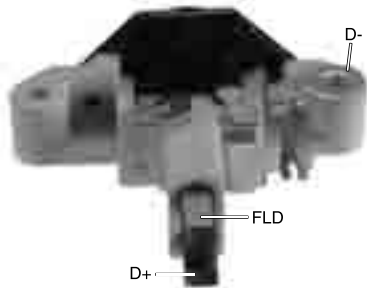
WAI Ref. Nos: 1-1816-01BO, 1-1816-02BO, 1-1911-01BO

Dim: 14mm Dia. Slip Ring

Features:

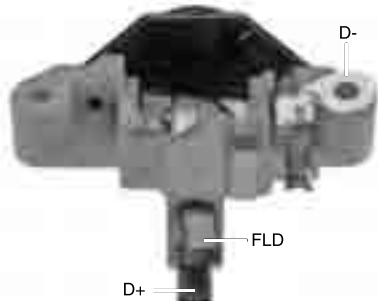
- Hermetically sealed circuit

ALTERNATOR - REGULATORS (TRANSPO)



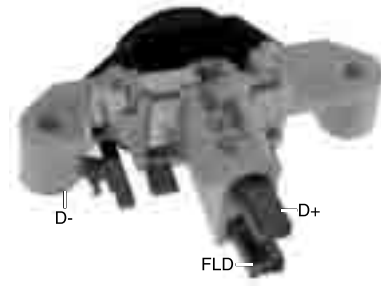
IB385-1
(Ref# 35-9108)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/IF Alternators
Used On: (2002-92) Audi, BMW, Cadillac, Saab, VW, Volvo, Winnebago
Replaces: BMW 12-31-1-747-920; Bosch 1-197-311-214, -223, -224, -225, -232, -235, -238, -527; Saab 47-37-151, VW-Audi 021-903-803B
Unit Nos: Bosch 0-120-465-007, -008, -020, -021, -031; 0-120-485-019, -023, -034, -036, -038, -039, -043, -048; 0-123-213-007; 0-123-214-002; 0-123-310-001, -002, -003, -019, -020, -032, -035, -037; 0-123-315-001, -002, -006; 0-123-320-001, -002, -003, -005, -007, -016, -018, -020, -027, -034, -052; 0-123-335-001; 0-123-340-002, -003, -005; 0-123-505-001, -005, -007, -009, -010; 0-123-510-001, -003, -005, -006, -007, -020, -026, -029, -034, -053, -064, -065; 0-123-520-002
Lester Nos: 13357, 13380, 13381, 13382, 13422, 13441, 13465, 13471, 13526, 13605, 13606, 13609, 13613, 13621, 13623, 13626, 13736, 13832
Features:
 • Hermetically sealed circuit



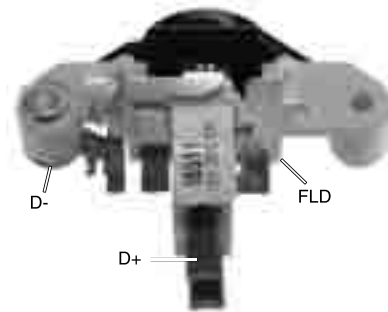
IB387-1
(Ref# 35-9109)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset, 180 ohm Resistor

For: Bosch IR/IF Alternators
Used On: (2005-91) Mercedes, Saab
Replaces: Bosch 1-197-311-213, -242; Mercedes 002-154-92-06
Unit Nos: Bosch 0-120-465-003, -004, -013, -014, -015, -016, -017, -018; 0-120-485-011, -012, -022; 0-123-315-005; 0-123-320-010, -011, -044, -045; 0-123-335-002, -003, -004, -005, -006; 0-123-500-001, -002; 0-123-510-004, -012, -018, -021, -023, -040, -051, -059, -066, -067, -068, -079, -080; 0-123-520-006, -007, -008, -012, -017; 0-123-540-002; 0-123-545-004
Lester Nos: 13356, 13359, 13376, 13422, 13610, 13611, 13613, 13631, 13710, 13779, 13793, 13797, 13803, 13819
Features:
 • Hermetically sealed circuit



IB388-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Bosch IR/IF Alternators
Used On: (1998-93) VW
Replaces: Bosch 1-197-311-500, -523, -530, -531, -548; VW-Audi 028-903-803D
Unit Nos: Bosch 0-123-325-005, -006, 0-123-505-011, -012, -013; 0-123-510-046, -047, 0-123-515-014, -017, -018, -020, -021; Ford 98VW-10300-AA; VW-Audi 028-903-025S, 028-903-026G, 038-903-023J
Lester Nos: 13622, 13833
WAI Ref. Nos: 1-2385-01BO
Dim: 14mm Dia. Slip Ring
Features:
 • Hermetically sealed circuit



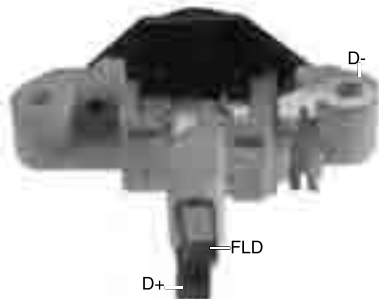
IB511-1
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/IF Alternators
Used On: (2003-95) Audi
Replaces: Bosch 1-197-311-511, VW-Audi 028-9038-03E
Unit Nos: Bosch 0-123-505-018; 0-123-510-008, -009, -028; 0-123-515-003, -008, -009, -011, -012, -024; 0-123-520-003, -004, -019, -020, -021; VW-Audi 028-903-018E, 028-903-028, 046-903-015F; 077-903-015F, K, L
Lester Nos: 13624, 13773
WAI Ref. Nos: 1-2137-01BO
Dim: 14mm Dia. Slip Ring
Features:
 • Hermetically sealed circuit

ALTERNATOR - REGULATORS (TRANSPO)

BOSCH

Internal Regulated / Internal Fan (cont'd.)



IB512-1

(Ref# 35-9123)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/IF Alternators

Used On: Peugeot 806 TD

Replaces: Alfa Romeo 9950830;

Bosch 1-197-311-240, -512, -551, -552, -553;

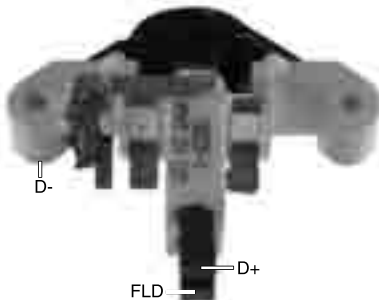
Mercedes 003-154-02-06, 003-154-19-06; Peugeot 576196

Unit Nos: Bosch 0-120-335-006, -011, -012; 0-123-110-007;
0-123-310-010, -011, -012, -013, -051; 0-986-038-710, -720

Dim: 14mm Dia. Slip Ring

Features:

- Hermetically sealed circuit



IB529-1

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.4 Vset, 68 Ohm Resistor

For: Bosch IR/IF Alternators

Used On: Volvo

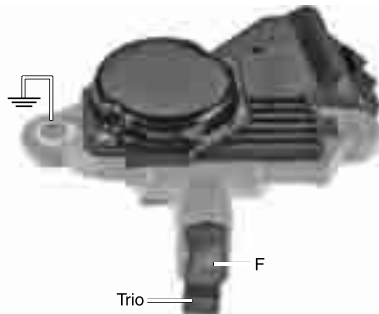
Replaces: Bosch 1-197-311-529; Volvo 9442496-7

Unit Nos: Bosch 0-123-515-013, 0-123-515-028

Dim: 14mm Dia. Slip Ring

Features:

- Hermetically sealed circuit



IB501-1

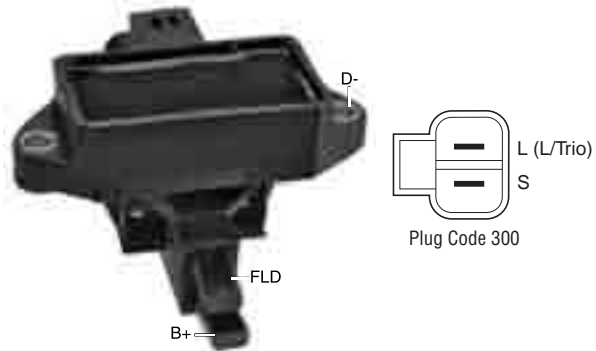
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.5 Vset

For: Bosch IR/IF Alternators

Used On: Nissan Tsuru (Mexico)

Replaces: Bosch 9-190-041-002



IB343

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Bosch IR/IF Alternators (Australia)

Used On: (2004-94) Mitsubishi

Replaces: Bosch 9-191-067-043, Mitsubishi Motors AW344863

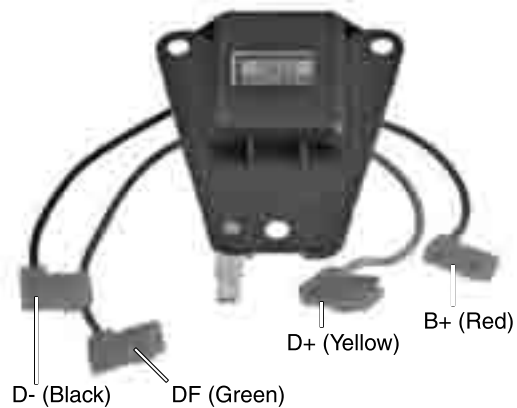
Unit Nos: Bosch 9-120-061-100, 9-120-061-601;

Mitsubishi Motors AW335900, AW343142, MD363634

Lester Nos: 13459, 13689

WAI Ref. Nos: 1-1999-01BO, 1-2116-01BO

CAV



CE301

Regulator

12 Volt, A-Circuit, 14.4 Vset

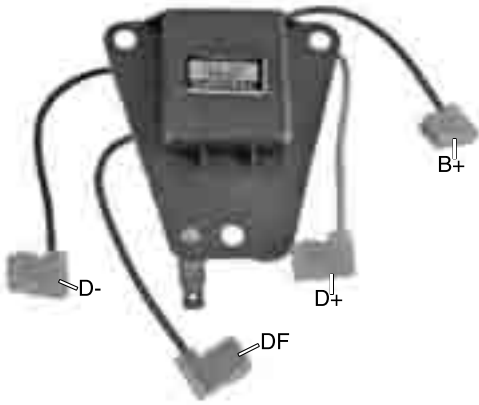
For: CAV Alternators

Replaces: CAV 631731F

Unit Nos: CAV 1267020, 1267030, 1267040

Terminal ID: Black D-, Green DF, Yellow D+, Red B+

ALTERNATOR - REGULATORS (TRANSPO)



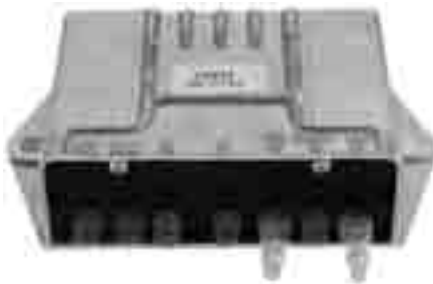
CE552
Regulator
24 Volt, A-Circuit, 28.5 Vset

For: CAV Alternators
Replaces: CAV 1861504, 1861552, 546R529, 6317310, 631731A, 631731C, 631731D, 631731G, 631731H
Terminal ID: Black D-, Green DF, Yellow D+, Red B+



CE520-1
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: CAV Alternators
Replaces: CAV 1697D520, 1861600, 440D242; Volvo 62411199
Features:
• Die cast aluminum housing



CE533
Regulator
24 Volt, A-Circuit, 28.2 Vset

For: CAV Alternators
Replaces: CAV 1697C533, 1697C537, 1697V537, 1861602, 440C244
Features:
• Die cast aluminum housing

CE NIEHOFF



NA2-102
Regulator

12 Volt, A-Circuit, F-E-B-IG Terminals, 14.2 Vset
For: CE Niehoff Alternators
Replaces: CE Niehoff A2-102
Unit Nos: CE Niehoff A1-102, N1011
Features:
• Adjustable voltage



NA2-107
Regulator

24 Volt, A-Circuit, IG-F-B-E Terminals, 28.0 Vset
For: CE Niehoff Alternators
Replaces: CE Niehoff A2-107
Unit Nos: CE Niehoff A1-706, A1-750
Features:
• Adjustable voltage

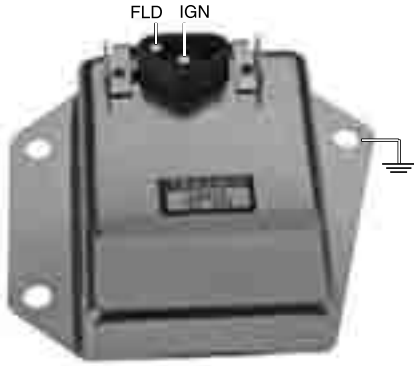


NA2-110
Regulator

12 Volt, A-Circuit, F-E-B-IG Terminals, 14.0 Vset
For: CE Niehoff Alternators
Replaces: CE Niehoff A2-110
Unit Nos: CE Niehoff A1-602, N1202
Features:
• Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

CHRYSLER



C8312-1
(Ref# 35-301)
Regulator

**12 Volt, A-Circuit, Neg. Grd.,
Red Plug Connector, 14.3 Vset**

For: Chrysler Round Back, Square Back, Revised Square Back ER/IF Alternators

Replaces: Chrysler 3438150, 3755850, 3755960, 3874520, 4091050, 4111990, 5234625

Features:

- Solid state circuit

C8313
Regulator

**12 Volt, A-Circuit, Neg. Grd.,
Red Plug Connector, 14.3 Vset**

Same as C8312-1 except...

Features:

- Heavy Duty
- Solid state circuit
- Superior loading
- Adjustable voltage
- For 7 amp rotors



C8010-1
(Ref# 35-300-1)
Regulator

12 Volt, B-Circuit, 14.3 Vset, Neg. Grd.

For: Chrysler Round Back ER/IF Alternators

Used On: Chrysler, Dodge, Plymouth

Replaces: Chrysler 1889960, 2095700, 2098300, 3000074

Features:

- Solid state



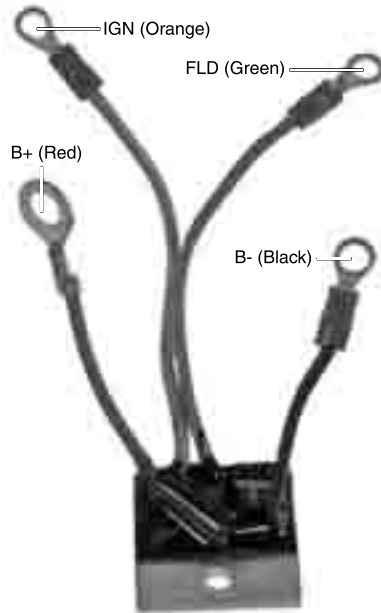
C8012M
Regulator

12 Volt, B-Circuit, 14.3 Vset, Neg. Grd.

Same as C8010-1 except...

Features:

- Mechanical regulator



C8315

Conversion Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Chrysler 40/90, 50/120A Alternators

Lester Nos: 7002, 7552

Note: Attach to SRE Frame to bypass defective regulator in vehicle PCM/ECU.

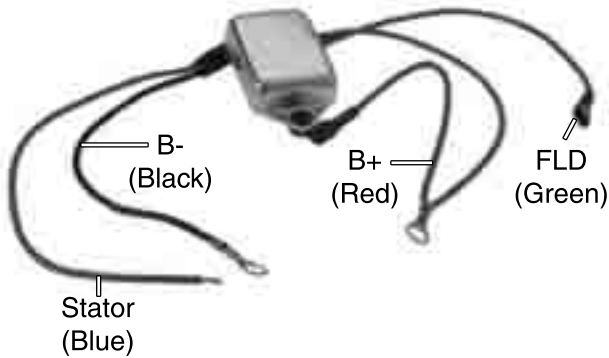
Caution: Not to be used on Chrysler vehicles with electronic fuel injection.

Terminal ID: Red B+, Black B-, Green FLD, Orange IGN.

Features:

- Bypasses the regulator in the computer module

ALTERNATOR - REGULATORS (TRANSPO)



D7018
Conversion Regulator
12 Volt, A-Circuit

For: Chrysler Squareback Alternators
Terminal ID: Red B+, Black B-, Green Field, Blue Stator
Features:

- 1-wire hook-up
- Mounts on alternator thru bolt
- Stator activated
- Indicator light drive



D9212-1
(Ref# 35-100-1)
Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.
For: Delco 10DN, 20DN Series Alternators
Replaces: Delco 1119515, 1119519, D635, D663
Terminal ID: Field F, Stator 2, B+ 3, Light 4, B- Case.
Features:

- Solid state circuit
- OE appearance

D9212S-1
Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as D9212-1 except...

Features:

- Heavy Duty
- Solid state circuit
- Withstands flashing B+ to I-Terminal

D9212M
(Ref# 35-121)
Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.,

Same as D9212-1 except...

Features:

- Electromechanical relay
- OE appearance

DELCO

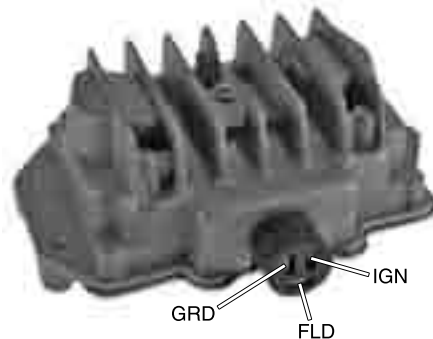
10DN, 20DN Series



D518
(Ref# 35-135)
Regulator

24 Volt, B-Circuit, 27.5 Vset, Solid State
For: Delco 10DN Series ER/EF Alternators
Used On: Industrial, Marine Applications
Replaces: Delco 1119518
Terminal ID: Field F, Stator 2, B+ 3, Light 4, B- Case
Features:

- Solid state
- Rotor current 2.2 to 2.6 amps



D590S
(Ref# 35-113)
Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. or Pos. Grd.

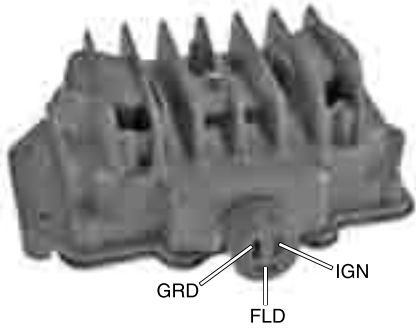
For: Delco 20DN Series Alternators
Replaces: Delco 1116393, 1116394, 9000590
Note: Black plug.
Features:

- Solid state circuit
- Cast aluminum, finned case

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

10DN, 20DN Series (cont'd.)

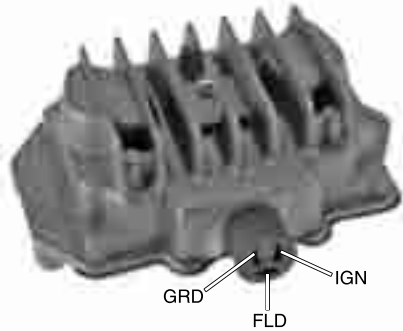


D591S
(Ref# 35-114)
Regulator

24 Volt, B-Circuit, 27.5 Vset, Red Plug

For: Delco 20DN Series Alternators

Replaces: Delco 1116394, 1116399, 9000591



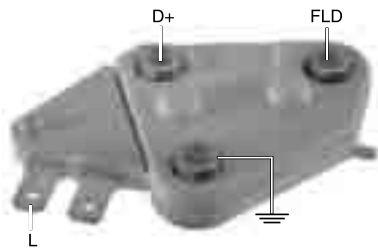
D593S
Regulator

32 Volt, B-Circuit, 37.5 Vset, Brown Plug

For: Delco 20DN Series Alternators

Replaces: Delco 9000593

10SI-27SI Series, 3-Wire



D10-1
Regulator

12 Volt, A-Circuit, 14.8 Vset

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators

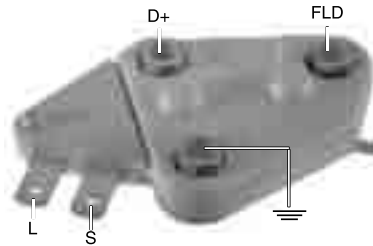
Used On: (1993-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1116387, 1116392, 1116423, D680

Note: Without external sense

Features:

- Best Value



D101-1
Regulator

12 Volt, A-Circuit, 5-Amp Field, 14.8 Vset

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators

Used On: (1993-73) AMC, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Replaces: Delco 1116387, 1116392, 1116423, D680

Features:

- Low Vsat
- Fast Switching

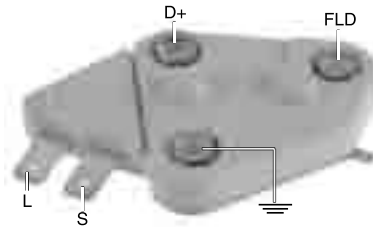
D101HD-1
(Ref# 35-101)
Regulator

12 Volt, A-Circuit, 5-Amp Field, 14.8 Vset

Same as D101-1 except...

Features:

- Heavy Duty
- Low Vsat
- Fast Switching



D105-1
(Ref# 35-102-3)
Regulator

12 Volt, A-Circuit, 7-Amp Field, 14.8 Vset

For: Delco 12SI, 17SI Series IR/EF Alternators

Used On: (1990-85) Buick, Cadillac, Chevrolet, GMC, Pontiac

Replaces: Delco 1988988, D674

D105HD-1
(Ref# 35-102-1)
Regulator

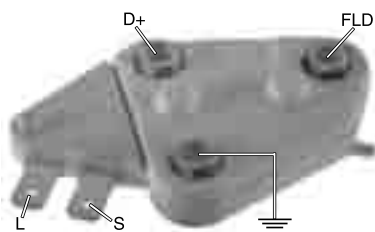
12 Volt, A-Circuit, 7-Amp Field, 14.8 Vset

Same as D105-1 except...

Features:

- Heavy Duty
- Low Saturation Voltage
- For high amp rotors

ALTERNATOR - REGULATORS (TRANSPO)



D21N-1
(Ref# 35-130)

Regulator

12 Volt, A-Circuit, 14.0 Vset

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 1116438, 1116439, 10470886, D688

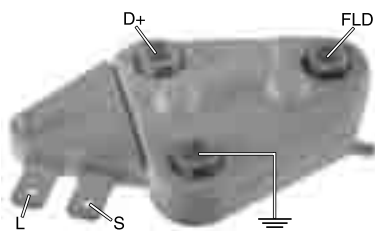
Unit Nos: Delco 1117895, 1117896, 1117899, 1117903, 1117904, 1117912, 1117926, 1117927, 1117928, 1117936, 1117938, 1117939, 1117940, 1117945, 19010110, 19010112, 19010113, 19010118, 19010183, 19010184, 19010197, 19020375, 19020386

Note: 3-wire system, wo/ webbed terminals, wo/ stud, w/ MOSFET field transistor, wo/ temperature compensation.

Similar to D691 except:

D21N-1 wo/ temperature compensation

D691 w/ temperature compensation



D691
(Ref# 35-131)

Regulator

12 Volt, A-Circuit, 14.0 Vset

For: Delco 19SI, 21SI Series IR/EF Alternators

Replaces: Delco 1116441, D691

Unit Nos: Delco 1117898, 19009957

Lester Nos: 8029, 8099

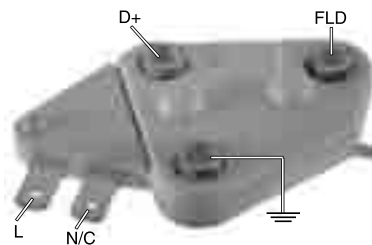
Note: 3-wire system, wo/ webbed terminals, wo/ stud, w/ MOSFET field transistor, w/ temperature compensation.

Similar to D21N-1 except:

D21N-1 wo/ temperature compensation

D691 w/ temperature compensation

10SI-27SI Series, Self-Exciting



D10SE6-1
(Ref# 35-159)

Regulator

6 Volt, A-Circuit, 7.7 Vset, Self Exciting

For: Delco 10SI Series IR/EF Alternators

Used On: Agricultural, Industrial & Marine Applications

Note: Converts 12 volt to 6 volt system

Features:

- Self-exciting
- 1-wire hook-up
- Very low cut-in

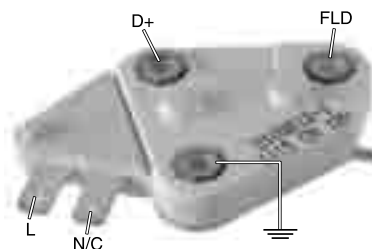
D10SE8-1

Regulator

6 Volt, A-Circuit, 9.7 Vset, Self Exciting

Same as D10SE6-1 except...

Note: 9.7 Vset



D10SE12-1
(Ref# 35-101-1)

Regulator

12 Volt, A-Circuit, 5-Amp Field, 14.8 Vset, Self Exciting

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators

Used On: Agricultural, Industrial & Marine Applications

Features:

- Self-exciting
- 1-wire hook-up
- Very low cut-in

D10SE132-1

Regulator

12 Volt, A-Circuit, 5-Amp Field, 13.2 Vset, Self Exciting

Same as D10SE12-1 except...

Note: 13.2 Vset

D10SE138-1

Regulator

12 Volt, A-Circuit, 5-Amp Field, 13.8 Vset, Self Exciting

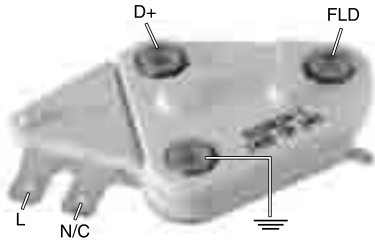
Same as D10SE12-1 except...

Note: 13.8 Vset

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

10SI-27SI Series, Self-Exciting (cont'd.)



D10SE24-1 Regulator

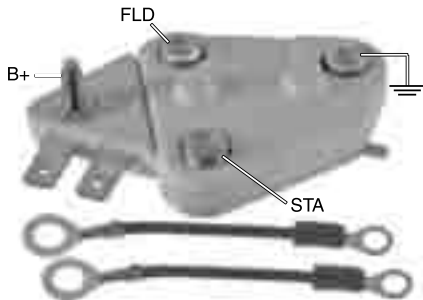
24 Volt, A-Circuit, 27.9 Vset, Self Exciting

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators

Used On: Agricultural, Industrial & Marine Applications

Features:

- Self-exciting
- 1-wire hook-up
- Very low cut-in



D10AC-1 Regulator

12 Volt, B-Circuit, 14.5 Vset

For: Delco 10SI, 12SI, 15SI, 17SI; 27SI/Type 100, 205 Series IR/EF Alternators

Note: With webbed terminals, w/ stud.

Features:

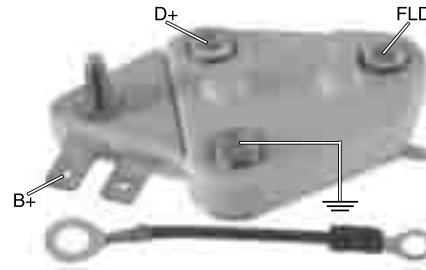
- Conversion Regulator
- Does NOT require battery sense
- Eliminates the diode trio
- Uses AC excited circuit
- Fast Cut-In, Very low Drain

D10AC-132 Regulator

12 Volt, B-Circuit, 13.2 Vset

Same as D10AC-1 except...

Note: 13.2 Vset



D17SE-1 (Ref# 35-102-2) Regulator

12 Volt, A-Circuit, 7-Amp Field, 14.2 Vset, Self Exciting

For: Delco 12SI, 17SI Series IR/EF Alternators

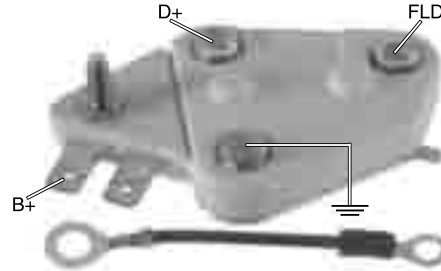
Used On: Farm, Industrial, Marine & other low RPM Applications

Replaces: Delco 1116409, 1988988, D674

Note: Webbed terminals, w/ stud.

Features:

- Self-exciting
- Accommodates 7 amp rotors
- Internal sense wire & instructions included



D17SE186 Regulator

16 Volt, A-Circuit, 18.2 Vset, Self Exciting

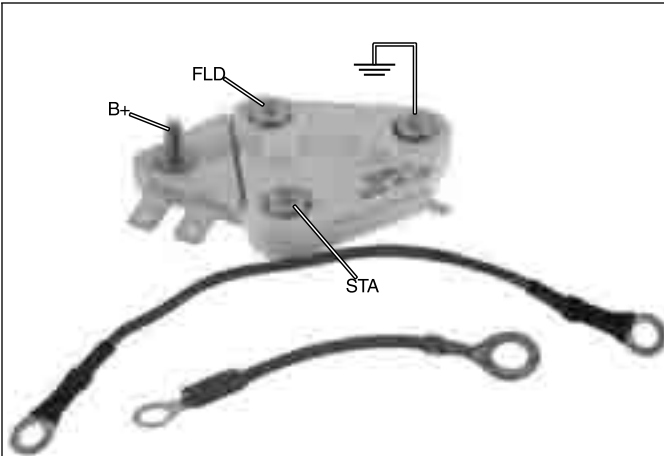
For: Delco 12SI, 17SI Series IR/EF Alternators

Note: Webbed terminals, w/ stud.

Features:

- Self-exciting, 1-Wire Hookup
- Custom 16V Battery Applications

ALTERNATOR - REGULATORS (TRANSPO)



D22AC-1 Regulator

12 Volt, B-Circuit, 14.2 Vset

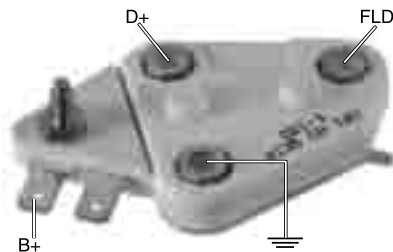
For: Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators

Note: B-circuit conversion regulator.
1-wire system, w/ webbed terminals, w/ stud.

Features:

- Conversion Regulator
- Uses AC excited circuit
- Eliminates diode trio
- Fast cut-In
- Very low drain

20SI-34SI Series, 1-Wire



D21-1 Regulator

12 Volt, A-Circuit, 14.0 Vset

For: Delco 20SI, 21SI, 22SI, 26SI, 27SI/Type 200, 30SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1116433, 1116435, 1116442, D686, D687, D690

Note: 1-wire system, w/ webbed terminals, w/ stud.
Web can be cut to reset voltage.

For heavy duty version use D33-1

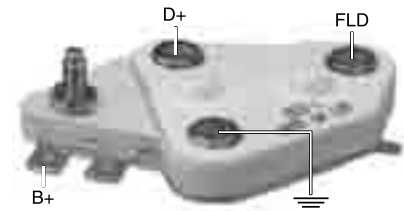
D22-1 Regulator

12 Volt, A-Circuit, 14.5 Vset

Same as D21-1 except...

Note: 14.5 Vset

For heavy duty version use D33-145



D33-1 (Ref# 35-126-2) Regulator

12 Volt, A-Circuit, 14.1 Vset

For: Delco 20SI, 21SI, 22SI, 23SI, 26SI, 27SI/Type 200, 30SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1116433, 1116435, 1116442, D686, D687, D690

Note: 1-wire system, w/ webbed terminals, w/ stud.
Web can be cut to reset voltage.

Features:

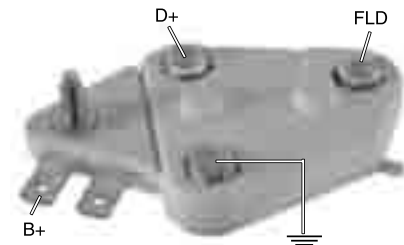
- Heavy Duty
- Accommodates 10 amp rotors

D33-145 (Ref# 35-126-1) Regulator

12 Volt, A-Circuit, 14.5 Vset

Same as D33-1 except...

Note: 14.5 Vset



D27-1 (Ref# 35-105) Regulator

12 Volt, A-Circuit, 14.0 Vset

For: Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators

Replaces: Delco 1116389*, 1116406, 1116407, 1894489, D669, D672

Note: 1-wire system, w/ webbed terminals, w/ stud.

*Web can be cut to change voltage setting.

For heavy duty version use D102HD-1.

D102HD-1 (Ref# 35-105) Regulator

12 Volt, A-Circuit, 14.0 Vset

Same as D27-1 except...

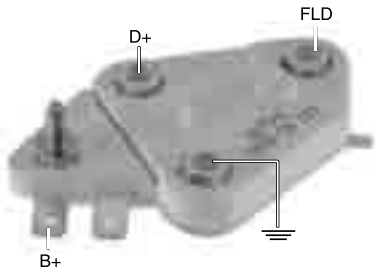
Features:

- Heavy Duty
- Compatible w/ 7 amp rotors
- Extremely low saturation voltage

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

20SI-34SI Series, 1-Wire (cont'd.)



D27S-1 Regulator

12 Volt, A-Circuit, 14.0 Vset

For: Delco 10SI/Type 116, 20SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators

Replaces: Delco 1116406, 1116407, 1894489, D669, D672

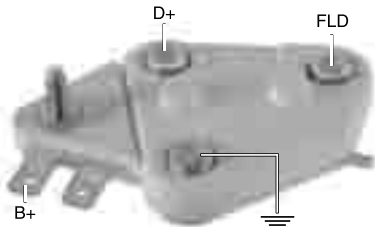
Note: 1-wire system, w/ webbed terminals, w/ stud.

Factory set voltage - do NOT cut web.

S-series version of D27-1.

Features:

- S-Series
- Superior no load to full load voltage differential



D30-1

(Ref# 35-104)

Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Delco 10SI/Type 116, 20SI, 21SI, 22SI, 26SI, 27SI/Type 200, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1116388*, 1116404, 1116405, 1894460, 1987518**

Note: 1-wire system, w/ webbed terminals, w/ stud.

*Web can be cut to reset voltage.

**Use D32S-1 to replace Delco 1987518 regulator on 32 volt, Delco 30SI w/ voltage adjustment block.

For heavy duty version use D104HD-1.

D104HD-1

(Ref# 35-106)

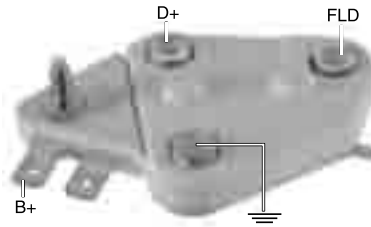
Regulator

24 Volt, A-Circuit, 27.5 Vset

Same as D30-1 except...

Features:

- Heavy Duty
- Accommodates 5 amp rotors



D30S-1 Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Delco 10SI/Type 116, 20SI, 21SI, 22SI, 26SI, 27SI/Type 200, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1116404, 1116405, 1894460

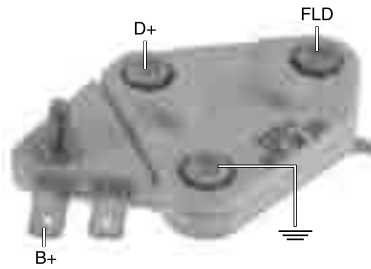
Note: 1-wire system, w/ webbed terminals, w/ stud.

Factory set voltage - do NOT cut web.

S-series version of D30-1.

Features:

- S-Series
- Superior no load to full load voltage differential
- Instant cut-in



D32S-1

Regulator

32 Volt, A-Circuit, 37.5 Vset

For: Delco 30SI Series IR/EF Alternators

Replaces: Delco 1987518*

Note: 32 Volt version of D30S-1.

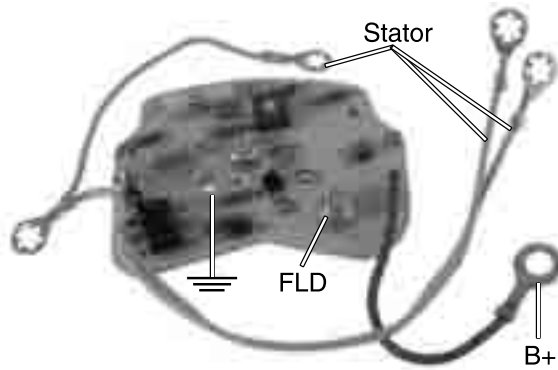
*Replaces Delco 1987518 regulator & 1876772 voltage adjustment block.

Features:

- S-Series
- Superior no load to full load voltage differential
- Instant cut-in

ALTERNATOR - REGULATORS (TRANSPO)

25SI Series



D812
(Ref# 35-107)
Regulator

12 Volt, A-Circuit, 14.2 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators

Replaces: Delco 10498812

Note: For conversion to later style regulator use 49-1107 regulator conversion kit.

Features:

- Trio excited field
- Low standby drain

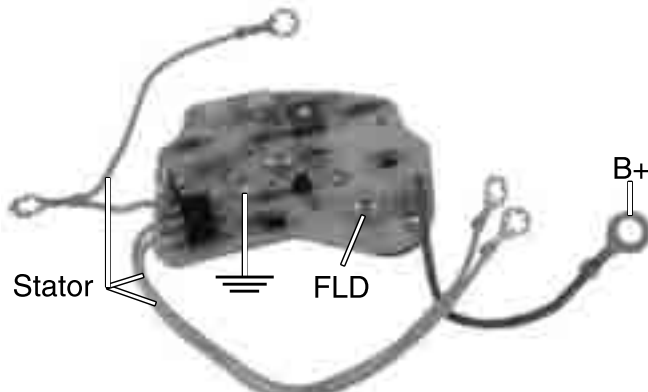
D812HD
Regulator

12 Volt, A-Circuit, 14.2 Vset, Neg. Grd.

Same as D812 except...

Features:

- Heavy Duty
- Trio powered field
- Low standby drain
- Fast cut-in



D813HD
Regulator

12 Volt, A-Circuit, 14.2 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators

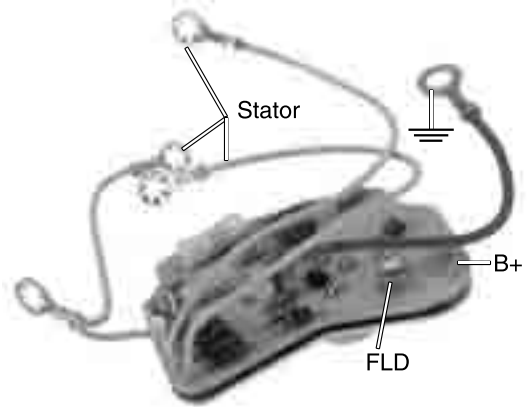
Replaces: Delco 800779, 1892813

Unit Nos: Delco 1117167, 227, 228, 240, 259, 260

Lester Nos: 7255, 8063

Features:

- Heavy Duty
- Trio powered field
- Low standby drain



D817HD
(Ref# 35-108)
Regulator

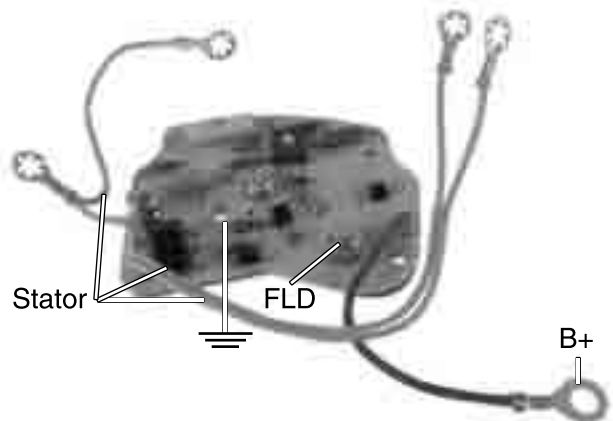
12 Volt, A-Circuit, 14.2 Vset, Pos. Grd.

For: Delco 25SI Series IR/EF Alternators

Replaces: Delco 800724, 1892817

Features:

- Heavy Duty
- Heavy duty
- Trio excited field
- Adjustable set point



D824
(Ref# 35-109)
Regulator

24 Volt, A-Circuit, 27.5 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators

Replaces: Delco 10498824

Note: For conversion to later style regulator use 49-1108 regulator conversion kit.

Features:

- Trio excited field
- Low standby drain

D824HD
Regulator

24 Volt, A-Circuit, 27.5 Vset, Neg. Grd.

Same as D824 except...

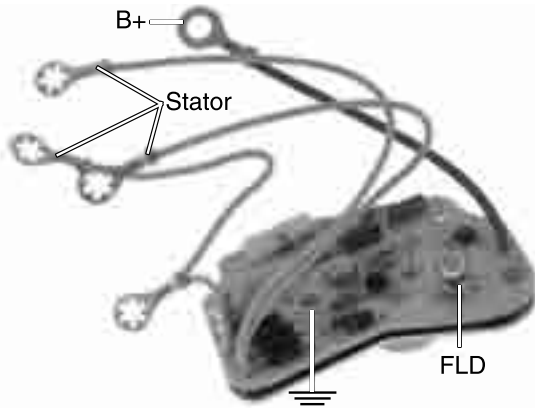
Features:

- Heavy Duty
- Trio powered field
- Low standby drain
- Fast cut-in

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

25SI Series (cont'd.)



D832HD
(Ref# 35-110)

Regulator

32 Volt, A-Circuit, 37.5 Vset, Neg. Grd.

For: Delco 25SI Series IR/EF Alternators

Replaces: Delco 800985, 1892832, 10498832

Features:

- Heavy Duty
- Trio Powered Field
- Low Standby Drain

31SI Series



D3101
Regulator

12 Volt, A-Circuit, 14.8 Vset

For: Delco 31SI Series 160-200A IR/EF Alternators

Replaces: Delco 19020401

Unit Nos: Delco 19011100, 19011101, 19011104, 19011105

Lester Nos: 8430, 8431, 8432, 8433

50DN Series



D698

Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators

Replaces: Delco 10457698, 19020402, 19020403

Terminal ID: GND-FLD-BAT-IGN

Features:

- Die cast housing
- Adjustable voltage
- Encapsulated



D699

Regulator

24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators

Replaces: Delco 10457699, 19020404, D608A

Terminal ID: GND-FLD-BAT-IGN

Features:

- Die cast housing
- Adjustable voltage
- Encapsulated



D437

Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators

Replaces: Delco 1118437

Terminal ID: FLD-BAT-IGN, Neg. (B-) Stud

Features:

- OE style case & terminal block

ALTERNATOR - REGULATORS (TRANSPO)



D443
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators
Replaces: Delco 1118443
Terminal ID: NEG-FLD-POS
Features:

- OE style case & terminal block



D551
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 9000551
Terminal ID: NEG-FLD-IGN
Features:

- OE style case & terminal block



D447
Regulator
24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators
Replaces: Delco 1118447
Terminal ID: NEG-FLD-POS
Features:

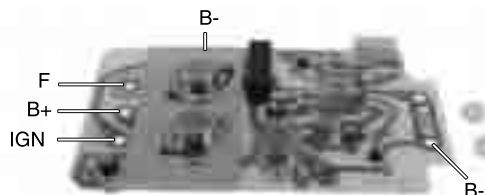
- OE style case & terminal block



D597
Regulator
24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators
Used On: Bus, Industrial Applications
Replaces: Delco 9000597
Terminal ID: NEG-FLD-IGN
Features:

- OE style case & terminal block



D437P
(Ref# 35-120)
Regulator Panel
24 Volt, A-Circuit, 27.5 Vset, Neg. Grd.

For: Delco 50DN Series Bus Alternators
Replaces: Delco 1977339
Note: Used in Delco 1118437 regulator (D437).
Features:

- 30 amp power transistor

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

50DN Series (cont'd.)



D443P

(Ref# 35-115)

Regulator Panel

12 Volt, B-Circuit., 14.2 Vset

For: Delco 50DN Series Bus Alternators

Used On: Bus, Industrial Applications

Replaces: Delco 1986085

Note: Used in Delco 1118443 regulator (D443)



D447P

(Ref# 35-116)

Regulator Panel

24 Volt, B-Circuit., 27.5 Vset

For: Delco 50DN Series Bus Alternators

Used On: Bus, Industrial Applications

Replaces: Delco 1986077

Note: Used in Delco 1118447 regulator (D447)



D551P

Regulator Panel

12 Volt, B-Circuit, 14.2 Vset

For: Delco 50DN Series Alternators

Used On: Bus, Industrial Applications

Replaces: Delco 1941463

Note: Used in Delco 9000551 regulator (D551).
Early design w/ wire wound resistors.



D597P

Regulator Panel

24 Volt, B-Circuit, 27.5 Vset

For: Delco 50DN Series Alternators

Used On: Bus, Industrial Applications

Replaces: Delco 1963309

Note: Used in Delco 9000597 regulator (D597).
Early design w/ wire wound resistors.

AD230, AD237, AD244 Series



P L F S
(ST) (FR)

Plug Code 314

D198XHD

(Ref# 35-161)

Regulator

12 Volt, B-Circuit, P-L-F-S Terminals,
15.1 Vset, 10 sec. LRC

For: Delco AD230, AD237 Series IR/IF Alternators

Used On: (2005-99) Buick, Oldsmobile, Pontiac

Replaces: Delco 10483777, 10453673 (regulator stamped: 3673, 3777 or regulator & rectifier assy. stamped: 3776, 4190, 4572)

Unit Nos: Delco 10480241, 10480244, 10480303, 10480350, 10480357, 10480411, 10480414, 15744913, 25744163, 25744164, 25744165

Lester Nos: 8244, 8245, 8277, 8278, 8285, 8286

Note: For remote battery applications.

Designed for DR4402, DR4403 series rectifiers w/ screw down collar.

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



P L F S
(ST) (FR)

Plug Code 314

D199

Regulator

12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 2.5 sec. LRC

For: Delco AD230, AD244 Series IR/IF Alternators

Used On: (2005-03) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
(cont'd.)

ALTERNATOR - REGULATORS (TRANSPO)

(cont'd.)

Replaces: Delco 19054622 (regulator stamped: 4622 or regulator & rectifier assy. stamped: 0498, 4621)

Unit Nos: Delco 15062413, 15162839, 15744910, 15754097, 15755616, 25744162

Lester Nos: 8290, 8291, 8292

Note: For later style ASVR regulator use D200XHD



D200XHD
(Ref# 35-162)
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 2.5 sec. LRC**

For: Delco AD230, AD237, AD244 Series IR/IF Alternators

Used On: (2005-99) AM General, Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac, Saab

Replaces: Delco 10483643, 10486311, 19053013, 19053730, 19054622, 19060319 (regulator stamped: 0319, 3013, 3643, 3730, 4622, 6311 or regulator & rectifier assy. stamped: 0498, 0821, 3010, 3642, 3729, 3741, 4621, 5071)

Unit Nos: Delco 10311493, 10333165, 10333166, 10346705, 10442782, 10442783, 10480231, 10480234, 10480285, 10480326, 10480327, 10480341, 10480383, 10480388, 10480390, 15062413, 15162839, 15744910, 15750871, 15754097, 15754097A, 15755616, 15766829, 15766830, 15768829, 15768830, 15788630, 25744162

Lester Nos: 8237, 8241, 8247, 8273, 8287, 8288, 8289, 8290, 8291, 8292, 8293

Note: Designed for DR4402, DR4403 series rectifiers w/ screw down collar.

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D201XHD
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.8 Vset, 2.5 sec. LRC**

For: Delco AD230 Series IR/IF Alternators

Used On: (1999) Chevrolet, GMC

Replaces: Delco 10494747 (regulator stamped: 4747 or regulator & rectifier assy. stamped: 4743)

Unit Nos: Delco 10480229

Lester Nos: 8238

Note: Designed for DR4402, DR4403 series rectifiers w/ screw down collar.

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D202XHD
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.2 Vset, 2.5 sec. LRC**

For: Delco AD230, AD244 Series IR/IF Alternators

Used On: Chevrolet Trucks, GMC Trucks

Replaces: Delco 10454669, 15163024, 15163025, 19051739 (regulator stamped: 1739 or regulator & rectifier assy. Stamped: 1519, 2584)

Unit Nos: Delco 10480270, 10480271, 10480479, 10480480, 15056099, 15056100, 15087020, 15087021, 15087022, 15087023, 15087024, 15769252, 15769253, 15769254

Lester Nos: 8490, 8491, 8492, 8493, 8494, 8495, 8496

Note: Without temperature compensation.

Designed for DR4402, DR4403 series rectifiers w/ screw down collar.

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D203XHD
(Ref# 35-164)
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 10 sec. LRC**

For: Delco AD237 Series IR/IF Alternators

Used On: (2002-99) Buick

Replaces: Delco 10454656, 10484046, 19060146 (regulator stamped: 0146, 4046, 4656 or regulator & rectifier assy. stamped: 4045)

Unit Nos: Delco 10480298, 10480368, 10480428

Lester Nos: 8235

Note: Designed for DR4402, DR4403 series rectifiers w/ screw down collar.

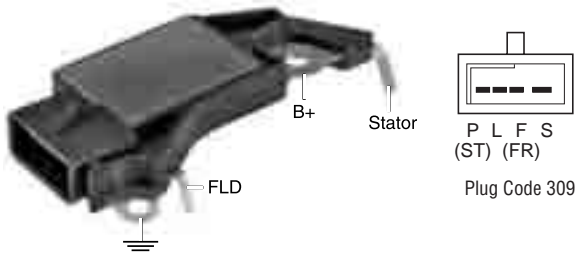
Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

CS121, CS130, CS144 Series



D408XHD
(Ref# 35-117)
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 2.5 sec. LRC**

For: Delco CS130, CS144 Series IR/EF Alternators

Used On: (1992-86) Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

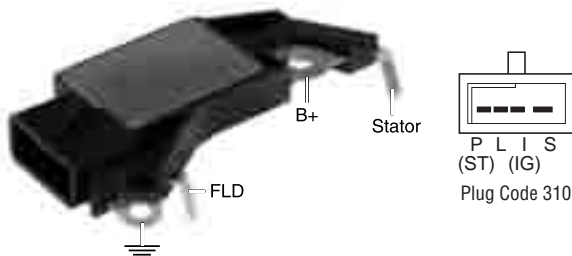
Replaces: Delco 1116408, 1116428, 19009755, D675, D699 (regulator stamped: 108, 128, 408, 428)

Unit Nos: Delco 1101146, 1101158, 1101200, 1101216, 1101221, 1101222, 1101325, 1101326, 1101329, 1101331, 1101590, 1101844, 1105612, 1105614, 1105615, 1105616, 1105625, 1105626, 1105641, 1105644, 1105646, 1105657, 1105659, 1105660, 1105662, 1105663, 1105664, 1105665, 1105666, 1105667, 1105668, 1105669, 1105670, 1105671, 1105672, 1105678, 1105684, 1105685, 1105689, 1105695, 10479843, 10480011, 10480012, 10480033, 10480034,

Lester Nos: 7801, 7803, 7804, 7805, 7806, 7807, 7808, 7812, 7813, 7820, 7872, 7985, 8134, 8136

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D411XHD
(Ref# 35-127)
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.8 Vset, 2.5 sec. LRC**

For: Delco CS121, CS130, CS144 Series IR/EF Alternators

Used On: (2000-87) Buick, Cadillac, Chevrolet, Dodge, Eagle, Geo, GMC, Isuzu, Jeep, Oldsmobile, Pontiac, Saturn, Toyota

Replaces: Delco 1116411, 1116429, 1116436, 1116437, 13120469, 19009752, D677, D685, D698 (regulator stamped: 111, 129, 136, 137, 411, 429, 436, 437)

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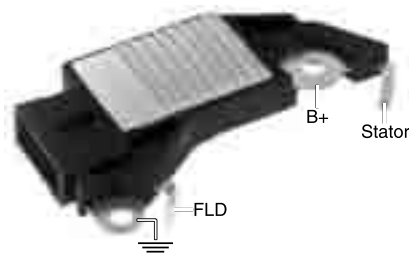
Unit Nos: Delco 1101101, 106, 107, 110, 111, 114, 119, 120, 121, 122, 123, 124, 125, 126, 127, 130, 131, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 148, 149, 150, 151, 153, 154, 160, 161, 162, 163, 165, 166, 167, 168, 170, 171, 172, 173, 174, 175, 176, 177, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 198, 208, 209, 210, 211, 212, 213, 214, 217, 218, 223, 227, 229, 230, 231, 232, 233, 234, 235, 237, 238, 239, 246, 247, 248, 249, 250, 253, 254, 255, 259, 263, 264, 266, 267, 271, 272, 273, 274, 275, 277, 278, 291, 292, 293, 310, 311, 313, 316, 317, 318, 319, 320, 321, 327, 344, 346, 349, 454, 461, 464, 465, 466, 467, 473, 475, 483, 486, 487, 491, 493, 495, 500, 521, 531, 563, 564, 565, 567, 573, 577, 580, 582, 583, 584, 593, 595, 596, 597, 599, 600, 601, 603, 604, 605, 606, 608, 612, 614, 615, 616, 617, 618, 619, 620, 621, 623, 626, 628, 629, 630, 632, 633, 634, 635, 636, 637, 638, 639, 642, 644, 645, 646, 647, 648, 649, 650, 802, 805, 807, 810, 812, 814, 815, 819, 822, 832, 843, 846, 849; 1102600, 601, 602, 603, 604, 607, 614, 615, 617, 625, 626, 629, 630, 631, 634, 637, 639, 641, 642, 643, 644; 1105661, 688, 694, 697, 698, 701, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 725; 10430484; 10479800, 801, 802, 805, 806, 807, 808, 809, 814, 815, 816, 817, 836, 838, 839, 844, 847, 853, 854, 855, 874, 883, 884, 891, 893, 895, 896, 897, 898, 901, 902, 903, 904, 905, 906, 9907, 909, 910, 911, 912, 913, 920, 921, 922, 937, 938, 954, 962, 963, 966, 969, 974, 989, 993, 997, 998; 10480010, 024, 025, 026, 027, 028, 035, 036, 037, 040, 067, 068, 069, 077, 082, 083, 084, 085, 086, 087, 090, 091, 092, 094, 097, 099, 104, 105, 111, 114, 115, 121, 122, 127, 130, 131, 133, 134, 136, 137, 138, 139, 157, 181, 200, 201, 202, 203, 206, 211, 255; 21021447, 21022772, 21022893; 21023516, 21023702, 21023724

Lester Nos: 7801, 02, 06, 08, 17, 18, 19, 58, 59, 60, 61, 64, 67, 70, 72, 73, 80, 83, 86, 88, 94, 97; 7902, 10, 14, 17, 18, 21, 25, 26, 29, 33, 37, 39, 64, 68, 73, 74, , 84; 8103, 06, 07, 12, 14, 19, 30, 37, 53, 54, 63, 65, 67, 69, 71, 72, 73, 79, 98; 8203, 04, 14, 15, 17, 18, 19

Note: With temperature compensation.

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D411HD-1
(Ref# 35-127-6, 35-127-HD)
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals
14.7 Vset, 2.5 sec. LRC**

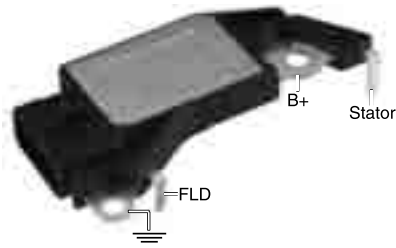
Same as D411XHD except...

Features:

- Heavy Duty w/ oversize MOSFET
- Finned heat sink, 72% more surface area - runs cooler than OE

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)



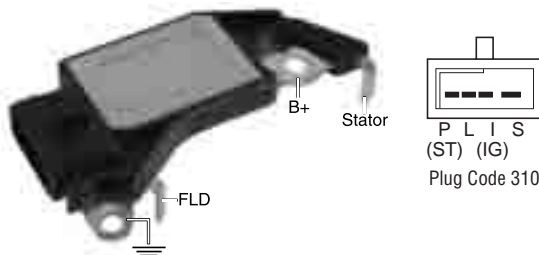
D411SE
(Ref# 35-127-SE)
Regulator

12 Volt, B-Circuit, 14.7 Vset, Self Exciting

Same as D411XHD except...

Features:

- Self-exciting, 1-wire system



D440-1
(Ref# 35-128)
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.7 Vset, 2.5 sec. LRC**

For: Delco CS121 Series IR/EF Alternators

Used On: (1995-93) Geo, Toyota

Replaces: Delco 1116440 (regulator stamped: 140, 440)

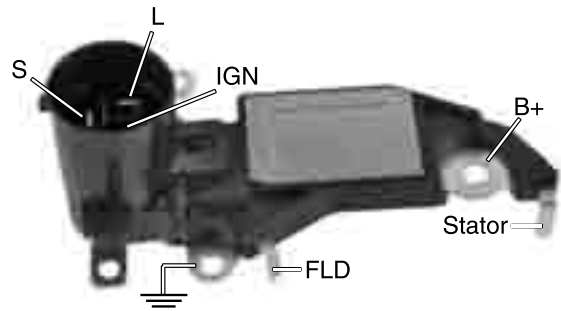
Unit Nos: Delco 1101626*, 10479805, 10480095, 10480096;
Toyota 27060-02020, 27060-02050, 27060-02070,
27060-74200*

Lester Nos: 8106, 8128

Note: *D440-1 regulator & 46-1804 (DNM440) plug adapter will replace the earlier design 3-terminal plug adapter w/ built-in circuitry & 1116411 regulator.

Features:

- Special circuit to handle extra load through the light circuit
- Powers 6-dash lamps during key-on condition
- Turns on through I-terminal
- Use w/ 46-1804 (DNM440) connector or use D440G
- Solves problem with OE weak circuit

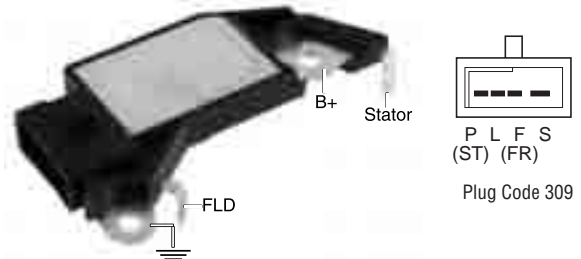


D440G
(Ref# 35-142)

Regulator & Connector Assy.
**12 Volt, B-Circuit, P-L-I-S Terminals,
14.7 Vset, 2.5 sec. LRC**

Same as D440-1 except...

Note: Includes 46-1804 (DNM440) Connector & D440-1 Regulator



D412
(Ref# 35-119)
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.6 Vset*, 10 sec. LRC**

For: Delco CS144 Series IR/EF Alternators

Used On: (1995-87) Buick, Cadillac, Oldsmobile

Replaces: Delco 1116412, 1116434

(regulator stamped: 412, 434)

Unit Nos: Delco 1101133, 270, 295, 330, 574, 591, 850;
10480018, 019, 120, 186, 276

Lester Nos: 7863, 8113, 8174, 8183, 8191

Note: Remote temperature compensation. Used on applications w/ instrument cluster gauges.

*14.6 Vset thru thermistor at 25° C. Must use 1800 Ohm resistor when testing. Resistor simulates the thermistor in the vehicle.

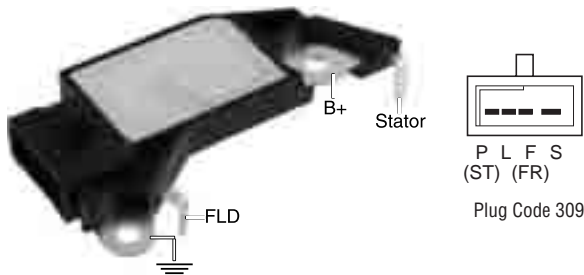
Features:

- Soft start
- Short-circuit protection

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

CS121, CS130, CS144 Series (cont'd.)

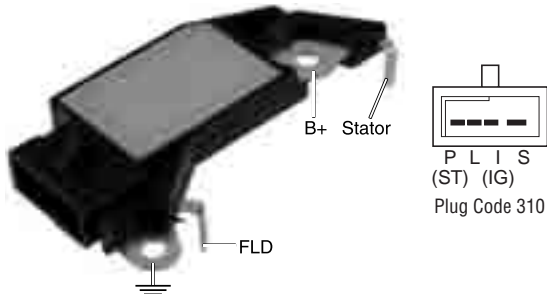


D712
(Ref# 35-139)
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.6 Vset*, 10 sec. LRC**

For: Delco CS144 Series IR/EF Alternators
Used On: (1999-87) Buick, Cadillac, Oldsmobile
Replaces: Delco 1116412, 1116434, 19009712 (regulator stamped: 412, 434, 712)
Unit Nos: Delco 1101133, 270, 295, 330, 574, 591, 850; 10480018, 019, 120, 177, 186, 204, 276, 279, 282
Lester Nos: 7863, 8113, 8174, 8183, 8188, 8191, 8194
Note: Remote temperature compensation. Used on applications w/ instrument cluster gauges.
Caution: *14.6 Vset thru thermistor at 25° C. Must use 1800 Ohm resistor when testing. Resistor simulates the thermistor in the vehicle.

- Features:**
- Soft start
 - Short-circuit protection

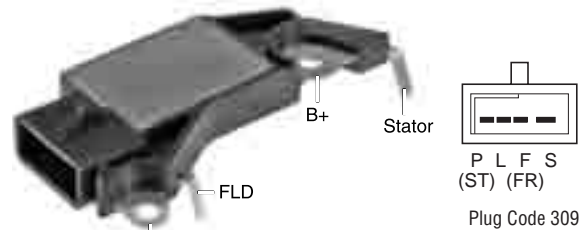


D425XHD
(Ref# 35-124)
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.2 Vset, 2.5 sec. LRC**

For: Delco CS130, CS144 Series IR/EF Alternators
Used On: (1999-89) Chevrolet, GMC; Chevrolet Truck, Freightliner, GMC Truck
Replaces: Delco 1116425, 19009724, D683 (regulator stamped: 125, 425)
Unit Nos: Delco 1101478, 480, 482, 561, 566, 571, 806, 818; 1102605, 616, 635; 10479852, 959, 976; 10480022, 023, 062, 088, 089, 093, 098, 156, 192, 267, 269
Lester Nos: 7678, 7684, 7687, 7903, 7945, 7955, 7959, 7960, 7977, 8166, 8175, 8209, 8221, 8295
Note: Without temperature compensation

- Features:**
- Heavy Duty ASVR Design
 - OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
 - Welded construction - no solder joints for hi-temperature reliability & increased field life

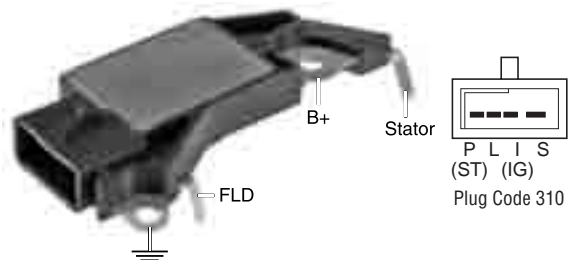


D445XHD
(Ref# 35-140)
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 10 sec. LRC**

For: Delco CS130, CS144 Series IR/EF Alternators
Used On: (1999-88) Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 1116413, 1116430, 1116445, 19009730 (regulator stamped: 113, 130, 430, 445)
Unit Nos: Delco 1101284, 1101294, 1101296, 1101350, 1101490, 1101518, 1101519, 1101578, 1101579, 1101847, 10479995, 10479996, 10480008, 10480009, 10480048, 10480055, 10480116, 10480172, 10480205, 10480227, 10480265, 10480278, 10480296, 10480297, 10480310, 10480311, 10480347, 10480363, 10880227
Lester Nos: 7806, 7904, 7942, 7966, 7969, 8127, 8170, 8189, 8202, 8213, 8225, 8226, 8248

- Features:**
- Heavy Duty ASVR Design
 - OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
 - Welded construction - no solder joints for hi-temperature reliability & increased field life



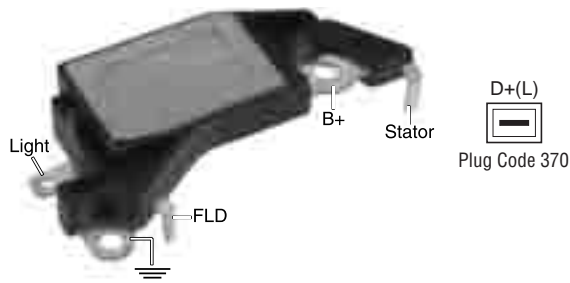
D446XHD
(Ref# 35-136)
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.8 Vset, 10 sec. LRC**

For: Delco CS144 Series IR/EF Alternators
Used On: (1995-94) Buick, Oldsmobile, Pontiac
Replaces: Delco 1116446, 19009731, D602A (regulator stamped: 446)
Unit Nos: Delco 10480135, 10480171
Lester Nos: 8192, 8193

- Features:**
- Heavy Duty ASVR Design
 - OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
 - Welded construction - no solder joints for hi-temperature reliability & increased field life

ALTERNATOR - REGULATORS (TRANSPO)



D432
(Ref# 35-125)
Regulator

12 Volt, B-Circuit, 1-Spade L-Terminal, 14.7 Vset

For: Delco CS121 Series IR/EF Alternators

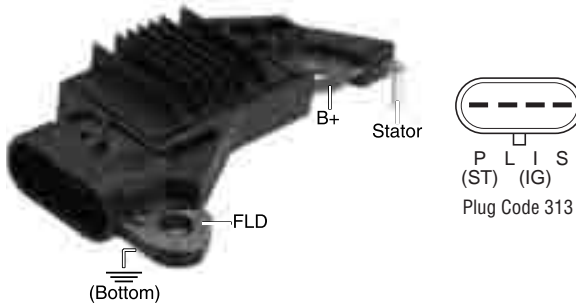
Used On: (1989-88) Pontiac, Daewoo, Opel, Suzuki

Replaces: Delco 1116432 (regulator stamped: 132, 432)

Unit Nos: Delco 1101816

Lester Nos: 7954

CS121D, CS130D Series



D702XHD
(Ref# 35-132)
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.8 Vset, 2.5 sec. LRC**

For: Delco CS121D, CS130D Series IR/IF Alternators

Used On: (2002-93) Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac, Saturn

Replaces: Delco 19009702, 19009719, 19009757 (regulator stamped: 102, 702)

Unit Nos: Delco 10470119, 10479981, 10479984, 10480017, 10480052, 10480071, 10480072, 10480078, 10480119, 10480167, 10480168, 10480187, 10480188, 10480189, 10480190, 10480195, 10480196, 10480198, 10480233, 10480235, 10480236, 10480237, 10480238, 10480263, 10480308, 10480342, 10480343, 15757624, 21012992, 21022992, 21023969, 21024727, 21024736

Lester Nos: 8155, 8156, 8160, 8206, 8208, 8227, 8232, 8242

Note: With temperature compensation.

Features:

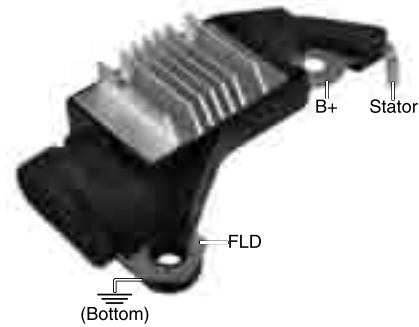
- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

D702-1
(Ref# 35-132)
Regulator
**12 Volt, B-Circuit, P-L-I-S Terminals,
14.7 Vset, 2.5 sec. LRC**

Same as D702XHD except...

Features:

- Best Value (non ASVR)



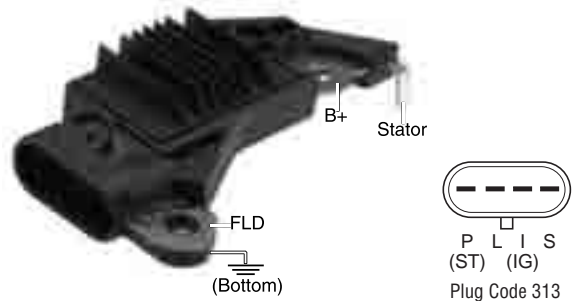
D702SE
Regulator

12 Volt, B-Circuit, 14.7 Vset, Self Exciting

Same as D702 except...

Features:

- Self-exciting, 1-wire system



D703XHD
(Ref# 35-133)
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.8 Vset, 10 sec. LRC**

For: Delco CS130D Series IR/IF Alternators

Used On: (1998-94) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 19009703, 19009734 (regulator stamped: 703, 734)

Unit Nos: Delco 10480043, 10480182, 10480240, 10480262, 10480264, 10480307

Lester Nos: 8158, 8200

Note: With temperature compensation

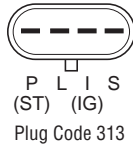
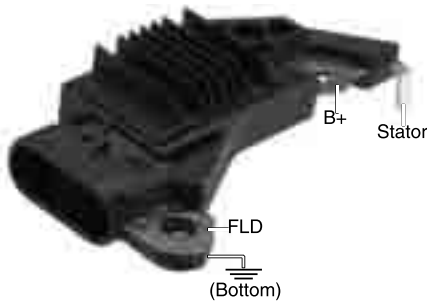
Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

CS121D, CS130D Series (cont'd.)



D706XHD

(Ref# 35-138)

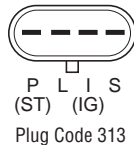
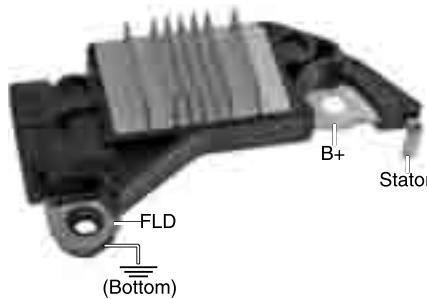
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.2 Vset, 2.5 sec. LRC**

For: Delco CS130D Series IR/IF Alternators
Used On: (1999-96) Chevrolet, GMC P Series Truck
Replaces: Delco 19009706, 19009725 (regulator stamped: 706, 725)
Unit Nos: Delco 10480170
Lester Nos: 8216
Note: Without temperature compensation

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D734

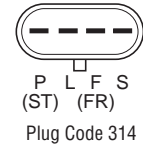
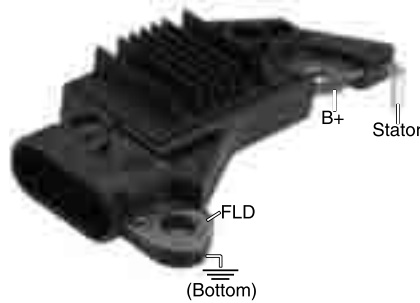
Regulator

**12 Volt, B-Circuit, P-L-I-S Terminals,
14.6 Vset, 10 sec. LRC**

For: Delco CS130D Series IR/IF Alternators
Used On: (1999) Chevrolet, Pontiac
Replaces: Delco 19009734 (regulator stamped 9734)
Unit Nos: Delco 10480307
Lester Nos: 8200
Note: For later style ASVR regulator use D703XHD

Features:

- Full short circuit protection



D705XHD

(Ref# 35-137)

Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 10 sec. LRC**

For: Delco CS130D Series IR/IF Alternators
Used On: (2003-95) Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac
Replaces: Delco 19009705, 19009729, 19009763 (regulator stamped: 705, 9729)
Unit Nos: Delco 10480074, 076, 079, 184, 191, 207, 217, 218, 250, 251, 252, 254, 259, 260, 289, 299, 301, 320, 321, 322, 332, 351, 353, 354, 361, 362
Lester Nos: 8190, 8197, 8199, 8222, 8223, 8224, 8228, 8229, 8230, 8231, 8233, 8240, 8275, 8276
Note: With temperature compensation.
 Used on vehicles w/ digital instrument cluster.

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life

D705-1

(Ref# 35-137)

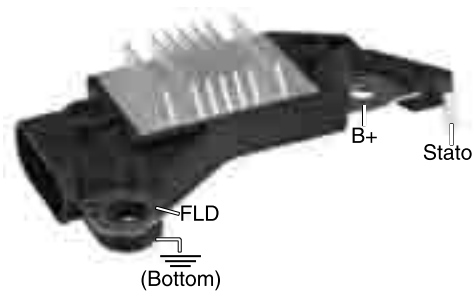
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.7 Vset, 10 sec. LRC**

Same as D705XHD except...

Features:

- Best Value (non ASVR)



D729
(Ref# 35-137)

Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.6 Vset, 5 sec. LRC**

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-99) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 19009729 (regulator stamped: 729)
Unit Nos: Delco 10480320, 10480321, 10480322, 10480361, 10480362
 (cont'd.)

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)

(cont'd.)

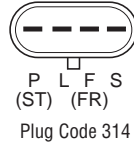
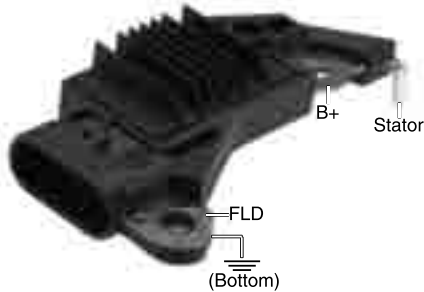
Lester Nos: 8275, 8276

Note: With temperature compensation.

For later style ASVR regulator use D705XHD.

Features:

- Full short-circuit protection



D749XHD
(Ref# 35-158)
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals,
14.8 Vset, 2.5 sec. LRC**

For: Delco CS130D Series IR/IF Alternators

Used On: (2005-99) Buick, Chevrolet, GMC, Oldsmobile, Pontiac

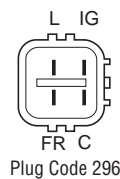
Replaces: Delco 19009748, 19009749, 19009761 (regulator stamped: 749, 9748, 9761)

Unit Nos: Delco 10437987, 10437988, 10449257, 10480288, 10480292, 10480317, 10480318, 10480330, 10480331, 10480336, 10480346, 10480348, 10480352, 10480378, 15760058

Lester Nos: 8234, 8243, 8249, 8270, 8271, 8272, 8279, 8283

Features:

- Heavy Duty ASVR Design
- OE compliant functions & performance: current limiting, thermal shutdown, load dump protection, shorted field & lamp circuit protection
- Welded construction - no solder joints for hi-temperature reliability & increased field life



D9715
(Ref# 35-141)
Regulator

12 Volt, B-Circuit, C-FR-IG-L Terminals, 14.7 Vset

For: Delco CS130D Series IR/IF Alternators

Used On: (1999-97) Acura, Honda

Replaces: Delco 19009715, Hitachi TR1Z-125

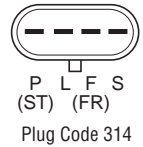
Unit Nos: Delco 10480228; Honda 31100-P8A-A01, -A02

Lester Nos: 8220

Features:

- Computer Controlled
- Ignition Activated

LR630 Series



D751
Regulator

**12 Volt, B-Circuit, P-L-F-S Terminals
*15.1 Vset, 10 sec. LRC**

For: Delco LR630 Series IR/IF Water-Cooled Alternators

Used On: (2000) Cadillac

Replaces: Delco 19009736, 19009751

Unit Nos: Delco 10480280, 10480340

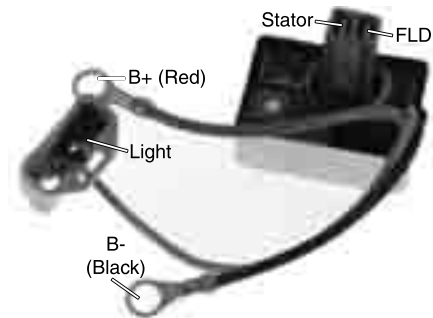
Lester Nos: 8294

Note: *D751 (19009751) is not used with Remote TC Network as is early 19009733 regulator

Features:

- Smart cluster compatible

Specialty Conversion Regulators



D713L

Conversion Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Delco 10DN Series Alternators

Terminal ID: Red B+, Black B-

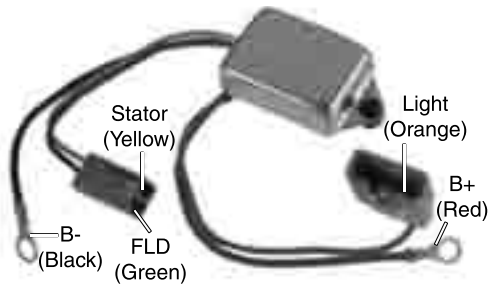
Features:

- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Plugs into back of alternator
- Indicator light drive

ALTERNATOR - REGULATORS (TRANSPO)

DELCO

Specialty Conversion Regulators (cont'd.)



D7011

Conversion Regulator 6 Volt, B-Circuit, 7.8 Vset

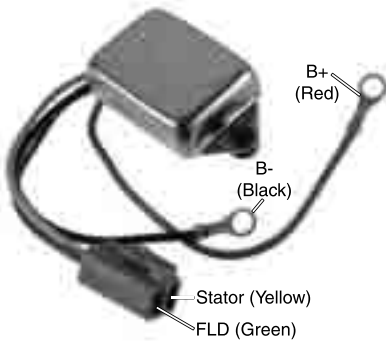
For: Delco 10DN Series Alternators

Terminal ID:

Black B-, Red B+, Green Field, Yellow Stator, Orange Light

Features:

- Star II Conversion Regulator
- Converts 12V system to 6V, 1-wire hook-up
- Stator activated
- Mounts on alternator thru bolt
- Indicator light drive



D7012

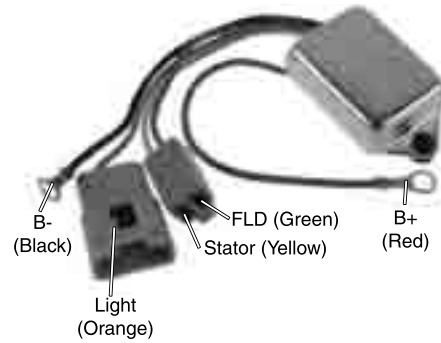
Conversion Regulator 8 Volt, B-Circuit, 9.6 Vset

For: Delco 10DN Series Alternators

Terminal ID: Black B-, Red B+, Green Field, Yellow Stator

Features:

- Star II Conversion Regulator
- Converts 12V System to 8V, 1-wire hook-up
- Stator activated
- Mounts on alternator thru bolt



D7014

Conversion Regulator 12 Volt, B-Circuit, 14.2 Vset

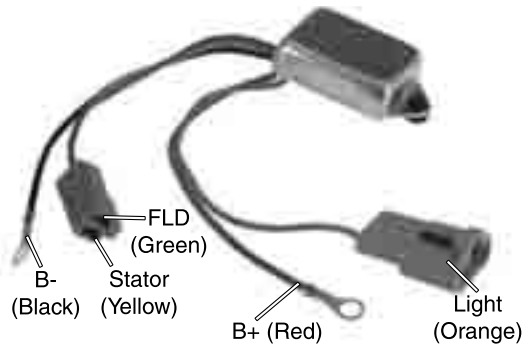
For: Delco 10DN Series Alternators

Terminal ID:

Black B-, Red B+, Green Field, Yellow Stator, Orange Light

Features:

- Star II Conversion Regulator
- Converts to 1-wire hook-up
- Stator activated
- Indicator light drive



D7016

Conversion Regulator 24 Volt, B-Circuit, 27.5 Vset

For: Delco 10DN Series Alternators

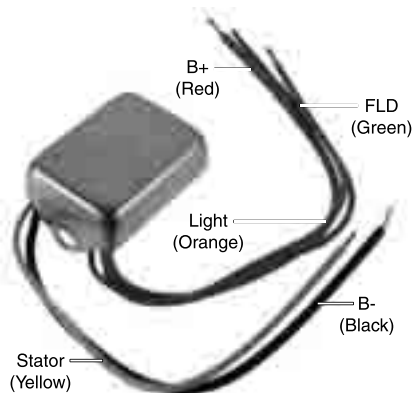
Terminal ID:

Black B-, Red B+, Green Field, Yellow Stator, Orange Light

Features:

- Star II Conversion Regulator
- Converts to 1-wire hook-up
- Mounts on alternator thru bolt
- Stator activated
- Indicator light drive

ALTERNATOR - REGULATORS (TRANSPO)



D7024
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

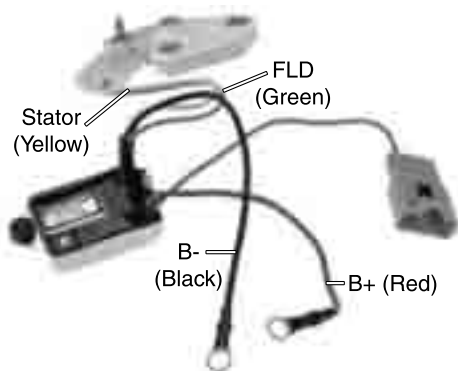
For: Universal Design

Terminal ID:

Black B-, Red B+, Green Field, Yellow Stator, Orange Light

Features:

- Star III Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator activated
- Low cut-in
- Indicator light drive



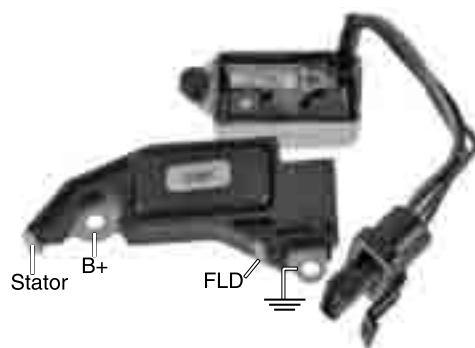
D7044
Conversion Regulator
12 Volt, B-Circuit, 14.7 Vset

For: Delco 10SI, 12SI, 15SI Series IR/EF Alternators

Terminal ID: Black B-, Red B+, Green Field, Yellow Stator

Features:

- Star III Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator activated



D7050
Conversion Regulator
12 Volt, B-Circuit, 14.7 Vset

For: Delco CS121, CS130 Series IR/EF Alternators

Features:

- Star III Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator activated
- Self exciting
- Surge protected
- Low saturation voltage

DELCO (NON-USA)

Asia



D1621
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, S-IG-L Terminals,
14.4 Vset, 5 sec. LRC

For: Remy Asia Alternators

Replaces: Delco JFZ1621-530, 00512

Unit Nos: Delco JFZ1621

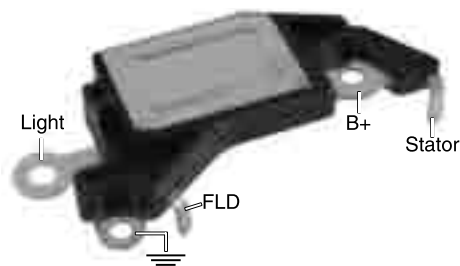
Features:

- OE Compliant
- Multi-Function Circuit
- Protected from Shorted Lamp Circuit, Shorted Field Circuit & Load Dump

ALTERNATOR - REGULATORS (TRANSPO)

DELCO (NON-USA)

European CS121



D424

(Ref# 35-156)

Regulator

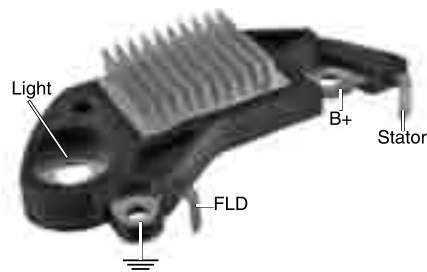
12 Volt, B-Circuit, L-Terminal, 14.7 Vset

For: Delco European CS121 Series Alternators

Used On: Opel, Vauxhall

Replaces: Delco 1116424

Unit Nos: Delco 1101199, 1101551



DE708

Regulator

12 Volt, B-Circuit, 14.7 Vset, 10 sec. LRC

For: Delco European CS130D Series IR/IF Alternators

Used On: Opel, Vauxhall

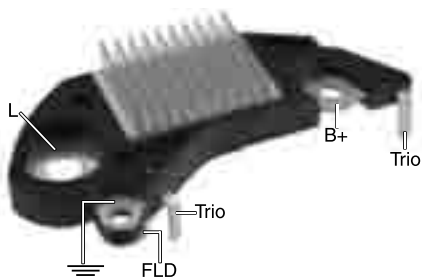
Replaces: Delco 19009708; GM 10493240; Opel 1204288

Unit Nos: GM 90543910; Opel 6204072

Features:

- Short circuit protection
- AC turn-on
- Soft start

European CS130D



DE701-1

(Ref# 35-152)

Regulator

12 Volt, A-Circuit, 14.7 Vset

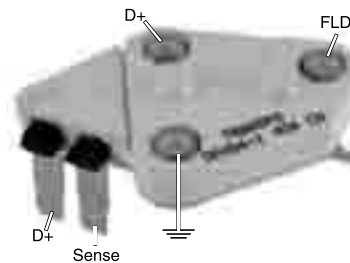
For: Delco European CS130D Series IR/IF Alternators

Used On: (2001-98) Isuzu; Opel

Replaces: Delco 10475019, 19009701; Opel 1204270

Unit Nos: Delco 10479923

Lester Nos: 8239



DE604-1

(Ref# 35-146)

Regulator

12 Volt, A-Circuit, 14.75 Vset

For: Delco European Alternators

Used On: Bedford, Ford, Hillman, Leyland, MG, Opel, Sunbeam, Triumph, Vauxhall

Replaces: Delco 7934605, 7934614, 7982604, 7982614, 7982866; Opel 1204245

Note: Both plug terminals are bent 90°.



DE707

Regulator

12 Volt, A-Circuit, L Terminal, 14.3 Vset

For: Delco European CS130D Series IR/IF Alternators

Replaces: Ref# 00434

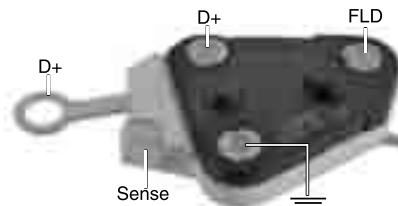
Unit Nos: Ref# A11-3701110BC

Dim: M5 x 0.8 L Terminal

Note: For trio-less rectifier applications

Features:

- Light Activated
- Load Dump Protection
- Shorted Field Protection



DE605-1

(Ref# 35-149)

Regulator

12 Volt, A-Circuit, 14.75 Vset

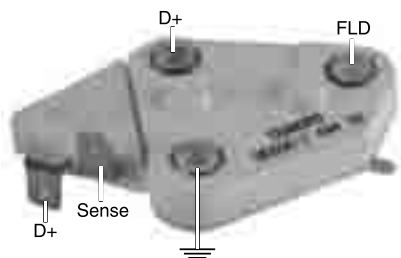
For: Delco European Alternators

Used On: Opel, Vauxhall

Replaces: Delco 3493029, 3493030, 3493079, 3493080; Opel 1204257, 1204258, 1204263, 1204264

Unit Nos: Delco 3472104, 3472105, 3472106, 3472119, 3472120, 3472121, 3472128, 3472130, 3472134, 3472135, 3472136, 3472137, 3472139, 3472142, 3472143, 3472144, 3493604, 3493606, 3493619, 3493621, 3493634, 3493635, 3493639, 3493641, 3493644, 3493704, 3493706, 3742106

ALTERNATOR - REGULATORS (TRANSPO)



DE606-1
(Ref# 35-151)
Regulator

12 Volt, A-Circuit, 14.5 Vset

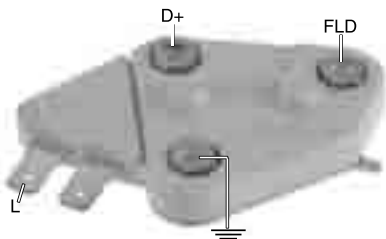
For: Delco European Alternators

Used On: Opel, Vauxhall

Replaces: Delco 13472557, 3472557, 3493050; Opel 1204248

Unit Nos: Delco 3472021, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042, 3472048, 3472049, 3472050, 3472051, 3472052, 3472053, 3472057, 3472058, 3472059, 3472060, 3472061, 3472062, 3472063, 3472064, 3472065, 3472066, 3472067, 3472068, 3472069, 3472070, 3472072, 3472073, 3472074, 3472075, 3472082, 3472091

Note: Both plug terminals are bent 90° opposite each other.



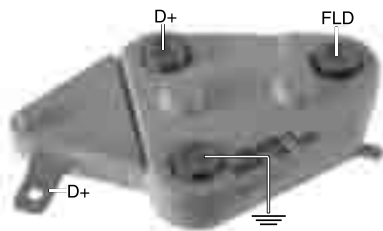
DE607-1
(Ref# 35-143-1)
Regulator

12 Volt, A-Circuit, 14.5 Vset, Neg. Grd.

For: Delco European Alternators

Used On: Bedford, Opel, Vauxhall & Industrial Applications

Replaces: Delco 1116380, 1116384, 3472406; Opel 12-04-236

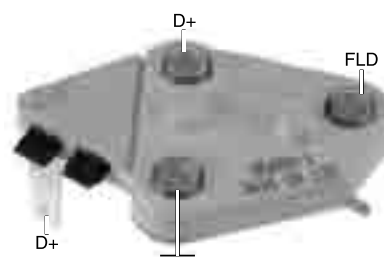


DE608-1
(Ref# 35-153)
Regulator

12 Volt, A-Circuit, 14.75 Vset

For: Delco Brazilian Alternators

Replaces: Delco 94648534, D673



DE609-1
(Ref# 35-147)
Regulator

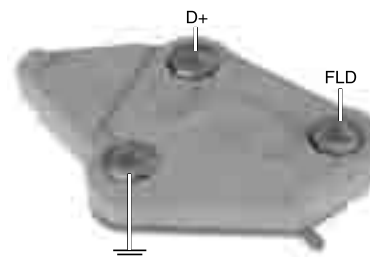
12 Volt, A-Circuit, 14.8 Vset

For: Delco European Alternators

Used On: Austin, Leyland, MG, Opel, Vauxhall

Replaces: Delco 7982685, 21226043

Note: Both plug terminals are bent 90°.



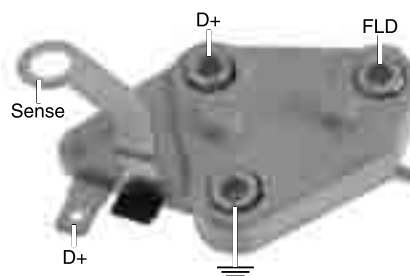
DE610
Regulator

12 Volt, A-Circuit, 14.75 Vset

For: Delco European Alternators

Used On: Fiat, Uno, Premio (South America)

Replaces: Delco 7073864



DE615
(Ref# 35-155)
Regulator

12 Volt, A-Circuit, 14.75 Vset

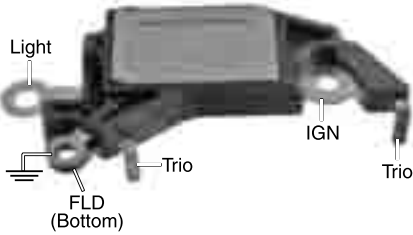
For: Delco European Alternators

Used On: Opel, Vauxhall

Replaces: Delco 9315303, 9345333

ALTERNATOR - REGULATORS (TRANSPO)

DELCO KOREA - DAEWOO



D401
Regulator

24 Volt, A-Circuit, L-Terminal, 27.7 Vset

For: Delco Korea / Daewoo IR/EF Alternators
Used On: Samsung Loaders, Caterpillar, Daewoo (South America, Asia)
Replaces: Daewoo 273110
Unit Nos: Daewoo 219072, 219081;
Samsung 1022-03500, 1022-03510

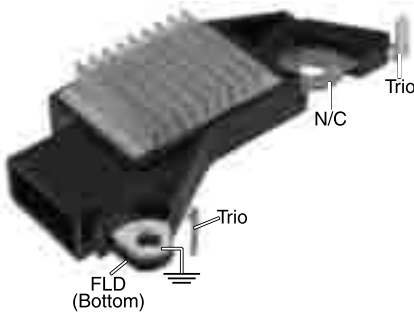


D403
Regulator

12 Volt, A-Circuit, L-I Terminals, 14.7 Vset

For: Delco Korea / Daewoo IR/IF Alternators
Used On: Daewoo
Replaces: Daewoo 276010
Unit Nos: Daewoo 96224431, 96224432
Features:

- OE compliant circuit
- Hi-temperature thermoplastic housing



D404
Regulator

12 Volt, A-Circuit, L-IG-D Terminals, 14.6 Vset

For: Delco Korea / Daewoo 11SI Series 105A IR/IF Alternators
Used On: (2001-99) Daewoo
Replaces: Daewoo 271520
Unit Nos: Daewoo 96206871
Lester Nos: 8281
Features:

- OE compliant circuit
- Hi-temperature thermoplastic housing

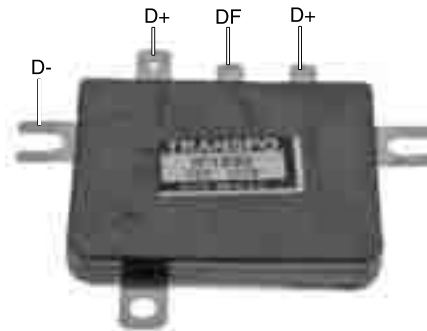


D940
Regulator

12 Volt, A-Circuit, S-L Terminals, 14.1 Vset

For: Delco Korea / Daewoo 7SI Series IR/IF Alternators
Used On: Mercury Marine w/ GM V6, V8
Replaces: Delco 271940
Unit Nos: Daewoo 219232;
Delco 19020601, 604, 608, 609, 612, 614, 615;
Mercury Marine 862030T, 862031, T; 863077T
Lester Nos: 8460, 8461, 8465, 8466

FEMSA



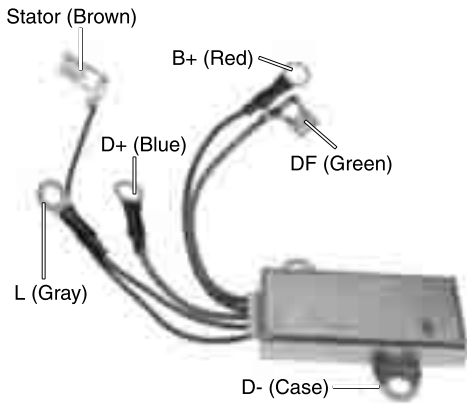
IF1692
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Femsa Alternators
Used On: Ford (Europe)
Replaces: Bosch 9-190-110-549; Femsa 25169-2, 25169-3, 25169-4, 25169-5, 25169-6, 25169-7; Ford 77FB-10316-AA, GR-320
Features:

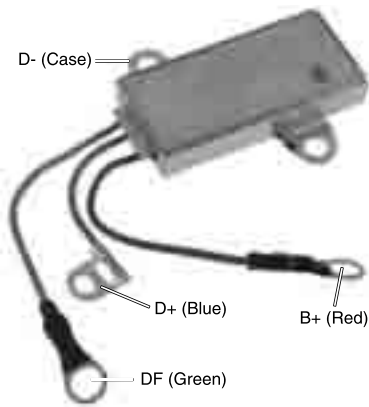
- Low voltage saturation

ALTERNATOR - REGULATORS (TRANSPO)



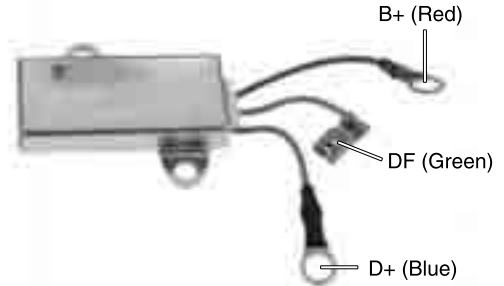
IF5431
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsal Alternators
Replaces: Femsal 33543-1
Terminal ID: Case D-, Red B+, Blue D+, Gray L, Green DF, Brown Stator
Features:
 • Low voltage saturation



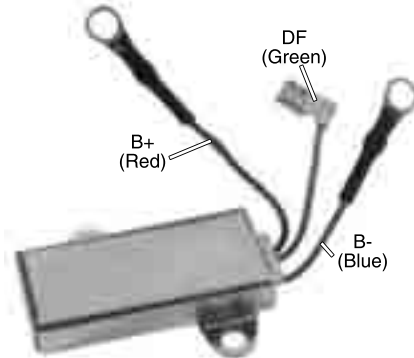
IF6022
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsal Alternators
Replaces: Femsal 28860-8, 28860-22
Terminal ID: Case D-, Red B+, Blue D+, Green DF
Features:
 • Low voltage saturation



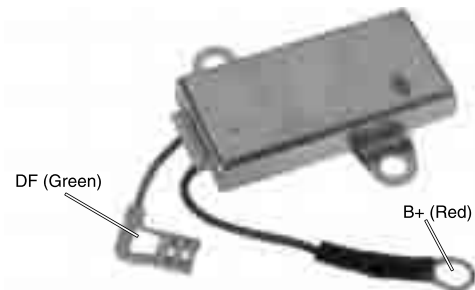
IF8603
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsal Alternators
Replaces: Femsal 28860-3, 28860-21
Terminal ID: Red B+, Blue B-, Green DF
Features:
 • Low voltage saturation



IF8604
Regulator
24 Volt, A-Circuit, 28.2 Vset

For: Femsal Alternators
Replaces: Femsal 28860-4
Terminal ID: Red B+, Blue B-, Green DF
Features:
 • Low voltage saturation



IF8607
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Femsal Alternators
Replaces: Femsal 28860-7
Unit Nos: Bosch 9-120-331-524, -811, -824, -842, -855, -856;
 Femsal ALP12N24; ALS12N11, 24, 42, 55, 56
Terminal ID: Red B+, Green DF
Features:
 • Low voltage saturation

ALTERNATOR - REGULATORS (TRANSPO)

FORD

1G Series



F540-1
(Ref# 35-201)
Regulator

12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.

For: Ford 1G Series ER/EF Alternators
Used On: (1992-73) Ford, Lincoln, Mercury
Replaces: Ford D9PZ-10316-A, E2PZ-10316-A, F0AZ-10316-A, F0PZ-10316-A, E4AZ-10316-B, GR-540-A, GR-540-B, GR-803
Terminal ID: I Light, A B+, S Stator, F Field, Case B-

F540E-1
Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as F540-1 except...

Features:

- Best Value
- Fully encapsulated for moisture protection
- 1-piece, corrosion proof housing

F540S-1
Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as F540-1 except...

Features:

- Short circuit protected
- Load dump protected
- Standard light drive

F540SLD
Regulator

12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.

Same as F540-1 except...

Features:

- Heavy Duty
- 'SLD' Super Light Drive

F540HD
Regulator

12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.

Same as F540-1 except...

Features:

- Heavy Duty
- Adjustable voltage

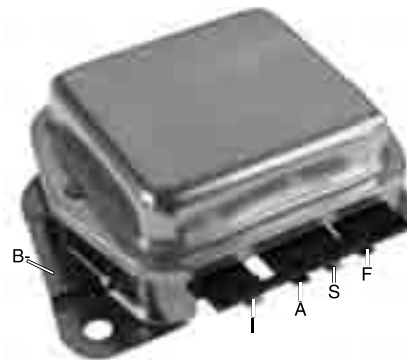
F540XHD
Regulator

12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.

Same as F540-1 except...

Features:

- Extra Heavy Duty
- 30A power device
- Adjustable voltage



F782
Regulator

12 Volt, B-Circuit, 14.2 Vset., Neg. Grd.

For: Ford 1G Series ER/EF Alternators
Used On: (1992-90) Ford, Lincoln, Mercury w/ Digital Dash
Replaces: Ford E6DF-10316-AA
Terminal ID: I Light, A B+, S STATOR, F Field, Case B-.
Note: Special version of F540-1 for digital dash applications.
Features:

- Digital dash compatible



F733L
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Ford 1G Series 70-100A ER/EF Alternators

Features:

- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Mounts on the alternator
- Stator excited
- Indicator light drive



F7078
Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Ford 1G Series 45-65A ER/EF Alternators

Features:

- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Mounts on the alternator
- Stator excited
- Low standby drain

ALTERNATOR - REGULATORS (TRANSPO)



FB123

**Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset**

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Unit Nos: Ford GL-93-A, -B; GL-94-A, -B

Lester Nos: 7068, 7069

Note: Early style brush holder assy.

For version w/ later style brush holder use FB303

Features:

- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator excited
- Low standby drain



FB309

**Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset**

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators

Lester Nos: 7711, 7712, 12222

Features:

- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator excited
- Low standby drain



FB303

**Conversion Regulator
12 Volt, B-Circuit, 14.2 Vset**

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Unit Nos: Ford GL-93-C, GL-94-C

Lester Nos: 7068, 7069

Note: Later style brush holder assy.

For version w/ early style brush holder use FB123

Features:

- Conversion Regulator
- 1-wire hook-up
- Adjustable voltage
- Stator excited
- Low standby drain



F8512M

(Ref# 35-200-1)

**Regulator
12 Volt, B-Circuit, Neg. Grd.**

For: Ford 1G Series ER/EF Alternators

Used On: Ford, Lincoln, Mercury

Replaces: Ford D4TZ-10316-A, GR-341-B

Terminal ID: I Light, A B+, S Stator, F Field, Case B-

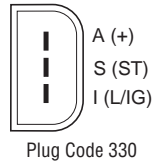
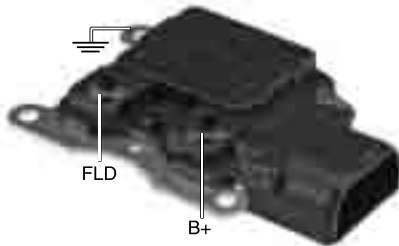
Features:

- Mechanical version

ALTERNATOR - REGULATORS (TRANSPO)

FORD

2G Series



F784
(Ref# 35-202-1)
Regulator

12 Volt, A-Circuit, I-S-A Terminals, 14.6 Vset, Black

For: Ford 2G Series IR/EF Alternators
Used On: (1994-84) Ford, Lincoln, Mercury
Replaces: Ford E43F-10316-AA, E63F-10316-AB, E73F-10316-AB, E73F-10316-AC, E73Z-10316-A, GR-784-B

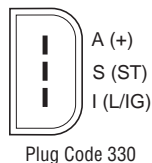
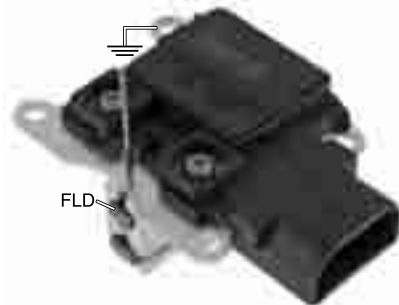
- Features:**
- Digital dash compatible
 - Very low standby drain
 - Low Vsat & fast switching

F784HD
(Ref# 35-202)
Regulator

12 Volt, A-Circuit, I-S-A Terminals, 14.6 Vset, Black

Same as F784 except...

- Features:**
- Heavy Duty
 - Very low standby drain
 - Very low saturation voltage
 - Superior loading performance
 - Short-circuit protection



F784B
(Ref# 35-211)

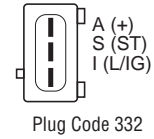
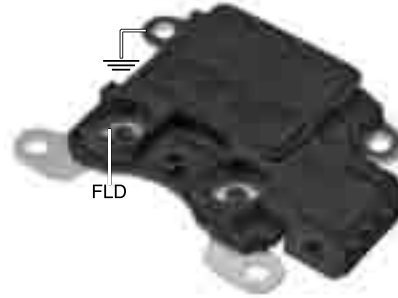
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-S-A Terminals, 14.6 Vset, Black

Same as F784 except...
Note: Regulator / Brush Holder Assy. (F784 Regulator & 39-202 Brush Holder Assy.)

- Features:**
- Digital dash compatible
 - Very low saturation voltage
 - Superior loading performance

3G Series



F785
(Ref# 35-206)
Regulator

**12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Black**

For: Ford 3G Series IR/IF Alternators
Used On: (1995-93) Ford w/ Police Opt., Lincoln
Replaces: Ford F3AU-10316-AA, F3AZ-10316-A, F3RU-10316-AA, GR-811
Unit Nos: Ford F3AU-10300-CA, F5AU-10300-AA, F6PU-10300-AAA

Lester Nos: 7784
Note: Similar to F786 except:
 F785 wo/ LRC
 F786 w/ LRC

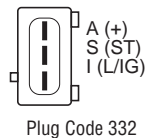
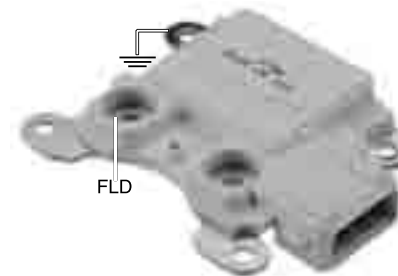
- Features:**
- Low Vsat
 - Fast switching

F785HD
(Ref# 35-206)
Regulator

**12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Black**

Same as F785 except...

- Features:**
- Heavy Duty
 - Hi-amp MOSFET for hi-output alternator applications



F786
(Ref# 35-209)
Regulator

**12 Volt, A-Circuit, I-S-A Terminals
14.5 Vset, w/ LRC, White**

For: Ford 3G Series IR/IF Alternators
Used On: (2000-95) Ford, Mercury
Replaces: Ford F5RU-10316-BA, F5RZ-10316-A, GR-818
Unit Nos: Ford F5RU-10346-BC, F5RZ-10346-A, F6RZ-10346-AA, XS9Z-10346-AB
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ALTERNATOR - REGULATORS (TRANSPO)

(cont'd.)

Lester Nos: 7774, 7775, 7789, 7792

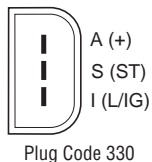
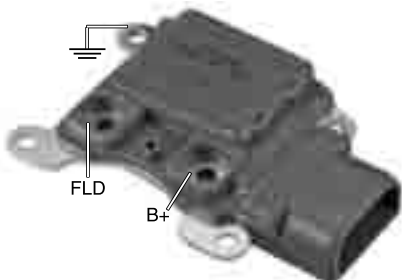
Note: Similar to F785 except:

F785 wo/ LRC

F786 w/ LRC

Features:

- 6 sec. soft start ramp
- Lamp activated



F794
(Ref# 35-204-1)

Regulator

12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Gray

For: Ford 3G Series IR/IF Alternators

Used On: (2005-89) Ford, Ford Truck, Lincoln, Mazda, Mercury

Replaces: Ford E9DF-10316-AA, F0DU-10316-AA, F0DZ-10316-A, F1DU-10316-AA, F5DU-10316-AA, GR-801

Lester Nos: 7749, 50, 51, 52, 53, 55, 56, 60, 64, 65, 68, 69, 71, 76, 78, 85, 90, 91

Note: Similar to F795 except:

F794 wo/ LRC

F795 w/ LRC

Features:

- Digital dash compatible
- Very low standby drain
- Low Vsat & fast switching

F794HD
(Ref# 35-204)

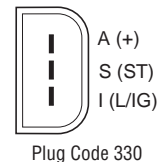
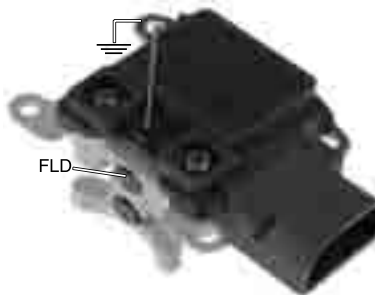
Regulator

12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Gray

Same as F794 except...

Features:

- Heavy Duty
- Very low standby drain
- Very low saturation voltage
- Superior loading performance
- Short-circuit protection



F794B
(Ref# 35-205)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, wo/ LRC, Gray

Same as F794 except...

Note: Regulator / Brush Holder Assy. (F794 Regulator & 39-207 Brush Holder Assy.)

Features:

- Very low standby drain
- Very low saturation voltage
- Superior loading performance



F794SE
Regulator

12 Volt, A-Circuit, 14.6 Vset, Self Exciting

Same as F794 except...

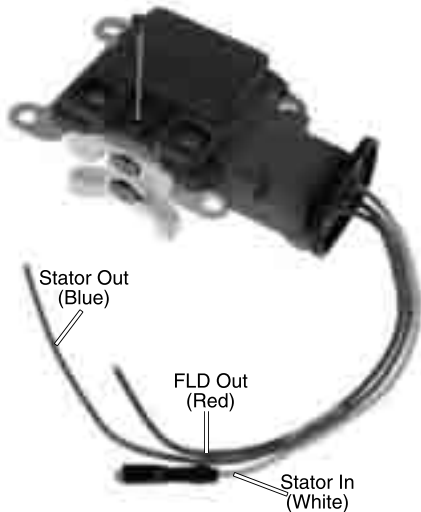
Features:

- Self-exciting
- For 1-wire charging systems
- Wiring harness provided

ALTERNATOR - REGULATORS (TRANSPO)

FORD

3G Series (cont'd.)



F794BNC

Regulator / Brush Holder Conversion Adapter
12 Volt, Converts A-Circuit Systems to Externally Regulated B-System

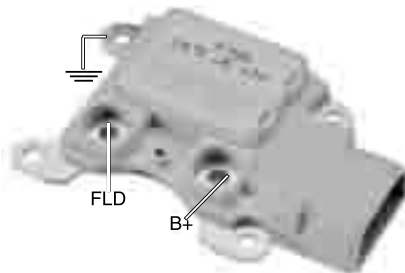
For: Ford 3G Series IR/IF Alternators

Used On: Applications w/ Specialty Hi-Amp Conversion 3G Alternators

Terminal ID: Red Field Out, White Stator In, Blue Stator Out.

Features:

- Converts integrally regulated A-circuit systems to externally regulated B-system
- Use with Transpo Voyager-Series remote-mount regulators for hi-amp conversions
- Pigtail connector provided



F795

(Ref# 35-207)

Regulator

12 Volt, A-Circuit, I-S-A Terminals
14.6 Vset, 2.5 sec. LRC, White

For: Ford 3G Series IR/IF Alternators

Used On: (2002-94) Ford, Mercury

Replaces: Ford F4ZU-10316-AA, -AC; F4ZZ-10316-A, GR-814

Unit Nos: Ford F4DU-10300-BA, -CA, -DA; F58U-10300-AB, F6DU-10300-FA, F6PU-10300-UA, F6PU-10346-AAE, F7CU-10300-CB, F7PU-10346-JA, F8DU-10300-AA

Lester Nos: 7770, 7777, 7793, 7794

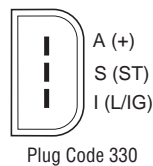
Note: Similar to F794 except:

F794 wo/ LRC

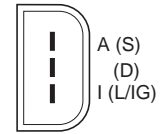
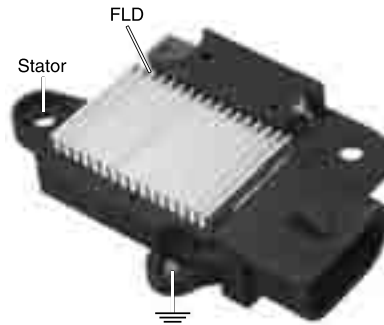
F795 w/ LRC

Features:

- Very low saturation voltage
- Digital dash compatible



4G Series



Plug Code 331

F796

(Ref# 35-208)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, 6 sec. LRC, Black

For: Ford 4G Series IR/IF Alternators

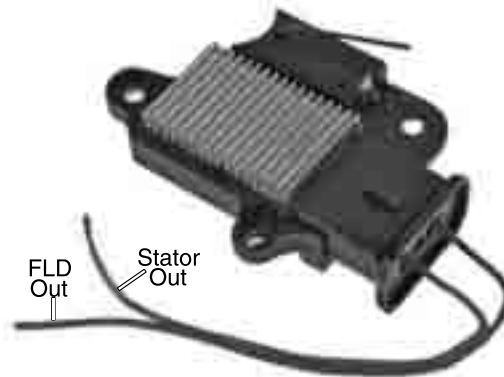
Used On: (2005-95) Ford, Lincoln, Mercury

Replaces: Ford F5OU-10C359-AA, -AB; F5OY-10316-A, GR-815

Unit Nos: Ford F5OU-10300-FA, -FB; F5OY-10346-A, F68U-10300-AD, F68Z-10346-AD; F6DU-10300-BB, -BC, -BD, -DB; F6DZ-10346-B, -D; F6OU-10300-AA, F6OY-10346-AA, F78U-10300-AA, F78Z-10346-AA, F8OU-10300-CA, F8OZ-10346-CA, XW7U-10300-AA, XW7Z-10346-AA, YF1Z-10346-E

Lester Nos: 7773, 7780, 7786

Note: Similar to F798 except F798 wo/ LRC feature.



F796BNC

Regulator / Brush Holder Conversion Adapter
12 Volt, Converts A-Circuit Systems to Externally Regulated B-System

For: Ford 4G Series IR/IF Alternators used in Specialty Hi-Amp Conversions

Terminal ID: Red Field Out, Blue Stator Out

Features:

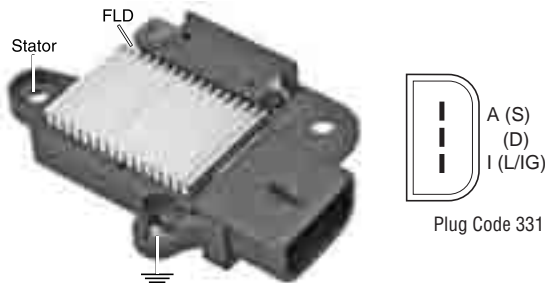
- Converts integrally regulated A-circuit systems to externally regulated B-system
- Use with Transpo Voyager-Series remote-mount regulators for hi-amp conversions
- Pigtail connector provided

ALTERNATOR - REGULATORS (TRANSPO)



F797
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, LI-RC-AS Terminals
14.0 Vset, White

For: Ford 4G Series IR/IF Alternators
Used On: (2005-02) Ford, Lincoln, Mazda, Mercury
Replaces: Ford F7RU-10C359-AA, YF1U-10C359-AA (regulator stamped VP3FIU-10C359-AA)
Unit Nos: Ford 2F1U-10300-BA, 2F1Z-10346-BA; 3W1U-10300-AA, -AB; 3W1Z-10346-AA, 3W3U-10300-AA, 3W3Z-10346-AA, 5L8T-10300-KC, 5L8Z-10346-KA, 6L8Z-10346-KA
Lester Nos: 8269, 8313, 8314, 8403
Note: PCM controlled regulation voltage



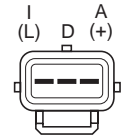
F798
 (Ref# 35-210)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray

For: Ford 4G Series IR/IF Alternators
Used On: (2002-96) Ford, Lincoln, Mercury
Replaces: Ford F6DU-10C359-AA, F6DY-10316-A, GR-817
Unit Nos: Ford F6LU-10300-CA, F6LY-10346-A, F6ZU-10300-BB, -BC, F6ZZ-10346-B, F77U-10300-AB, -AC, F77Z-10346-AB, XL2U-10300-AA, XL2Z-10346-AA, XL3U-10300-AA, XL3Z-10346-AA
Lester Nos: 7781, 7787, 8251
Note: Similar to F796 except F796 w/ LRC feature.

F798HD
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray

Same as F798 except...
Features:
 • Heavy Duty
 • Hi-amp MOSFET for hi-output alternator applications

6G Series



Plug Code 344

F600
 (Ref# 35-212)
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray w/ Gray Cover

For: Ford 6G Series IR/IF Alternators
Used On: (2005-98) Ford, Lincoln, Mercury
Replaces: Ford F8WU-10C359-AB
Unit Nos: Ford 2C3U-10300-CB, 2C3Z-10346-CA, 3C3Z-10346-DA; F81U-10300-BA, -BC, -CC, -CD, -DB, -DC, -DD, -EB, -GA; F81Z-10346-BA, -CA, -DA, 6-EA, -GA; F8AU-10300-AB, -AC, -AD; F8AZ-10346-AB; XR3U-10300-AA, -AB, -AC; XR3Z-10346-AA, YC1U-10300-CA, ZR3U-10300-AB
Lester Nos: 7795, 7796, 7797, 7798, 7799, 8252, 8262, 8310, 8317
Note: Regulator shutdown with loss of sense (A) or light (I) connection.
 F600 is similar to F605 except:
 F600: wo/ soft start feature
 F605: w/ soft start feature
Components:
 38-217-1 Brush
 39-2702 Brush Spring

F600HD
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-D-A Terminals
14.4 Vset, wo/ LRC, Gray w/ Gray Cover

Same as F600 except...
Features:
 • Heavy Duty
 • Heavy duty power device
 • Support hi-amp alternators

ALTERNATOR - REGULATORS (TRANSPO)

FORD

6G Series (cont'd.)



F601

(Ref# 35-213)

Regulator / Brush Holder Assy. 12 Volt, A-Circuit, LI-RC-AS Terminals 14.0 Vset, White w/ Black Cover*

For: Ford 6G Series IR/IF Alternators

Used On: (2005-99) Ford, Mazda, Lincoln, Mercury

Replaces: Ford VP4F1U-10C359-AA*, VP4L3U-10C359-AA*, XW4U-10C359-AB

Unit Nos: Ford 1L8U-10300-AB, -AC; 1L8Z-10346-AB, 1S41-10300-BB, 2F1U-10300-DA, 2F1Z-10346-DA, 3W1U-10300-BB, 3W1Z-10346-BA, 4L3Z-10346-BA; 98AB-10300-EB, -FC; 98AZ-10346-EA, -FA; XF2U-10300-AB, -BC, -BD; XF2Z-10346-AA, -BA; XR8U-10300-AE, -AF, -CE; XR8Z-10346-AA, -CE; XW4U-10300-AA, -BA, -BB, -CC, -CD, -CE; XW4Z-10346-AA, -BA, -CC

Lester Nos: 7788, 8253, 8255, 8256, 8260, 8261, 8268, 8315
Note: Regulation Voltage controlled by vehicle PCM (PWM signal input to RC-terminal).

LI-terminal output provides feedback to vehicle PCM.

Vehicle indicator lamp is fully controlled by the vehicle PCM.

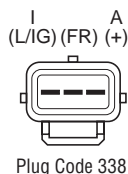
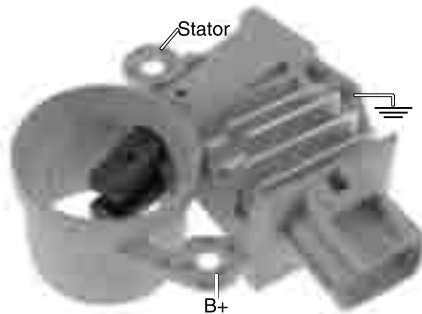
*F601 also replaces Ford OE white body regulator w/ blue cover.

Components:

- 38-217-1 Brush
- 39-2702 Brush Spring

Features:

- Computer controlled voltage regulation



F602

(Ref# 35-216)

Regulator / Brush Holder Assy. 12 Volt, A-Circuit, I-FR-A Terminals 14.4 Vset, 7 sec. LRC, White w/ White Cover*

For: Ford 6G Series IR/IF Alternators

Used On: (2002-98) Ford, Mercury

Replaces: Ford XR2U-10C359-AB, XS7U-10C359-AC

Unit Nos: Ford 98BB-10300-CC, F8RZ-10346-CC, WR2A-10300-AC, XS8Z-10346-BB, XS91-10300-BB

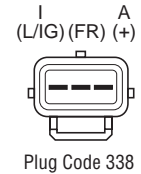
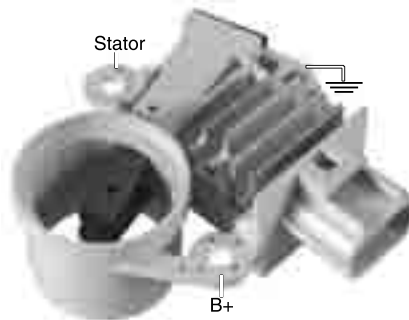
Lester Nos: 8250

Note: Regulator shutdown with loss of sense (A) or light (I) connection. FR provides feedback to vehicle PCM.

*F602 also replaces Ford OE white body regulator w/ gray cover

Components:

- 38-217-1 Brush
- 39-2702 Brush Spring



F603

(Ref# 35-214)

Regulator / Brush Holder Assy. 12 Volt, A-Circuit, I-FR-A Terminals

14.4 Vset, 7 sec. LRC, White w/ Orange Cover

For: Ford 6G Series IR/IF Alternators

Used On: (2004-00) Ford, Mazda, Lincoln, Mercury

Replaces: Ford XS7U-10C359-BA

Unit Nos: Ford 1L8U-10300-CD, 1L8U-10300-CE, 1L8U-10300-DD, 1L8Z-10346-CB, 2L7U-10300-AA, 2L7U-10300-BA, 2L7Z-10346-AA, 2L7Z-10346-BA, XS8Z-10346-AA, XS91-10300-AE, XS91-10300-BC, YC1U-10346-DA, YF1U-10300-FA, YF1Z-10346-FA; Mazda AJ03-18-300A, AJ03-18-300B

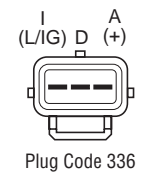
Lester Nos: 8254, 8259, 8263

Note: Field recovery diode circuit to protect ECU.

Regulator shutdown with loss of sense (A) or light (I) connection. FR provides feedback to vehicle PCM.

Components:

- 38-217-1 Brush
- 39-2702 Brush Spring



F605

(Ref# 35-217)

Regulator / Brush Holder Assy. 12 Volt, A-Circuit, I-D-A Terminals 14.4 Vset, Gray w/ Green Cover

For: Ford 6G Series IR/IF Alternators

Used On: (2005-01) Ford

Replaces: Ford VP3C3U-10C359-AA

Unit Nos: Ford 1R3U-10300-AA, -AD; 1R3Z-10346-A, 2C3U-10300-BB, 2C3Z-10346-BA, 4C3Z-10346-AA

Lester Nos: 8266, 8316

Note: Regulator goes to Vsec (secondary regulation) and turns on light with loss of sense (A).

With loss of light (I) connection, regulator continues to function but vehicle indicator light does not turn on. Design includes Field Current Limiting.

F605 is similar to F600 except:

- F600: wo/ soft start feature
- F605: w/ soft start feature

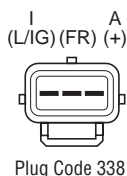
Components:

- 38-217-1 Brush
- 39-2702 Brush Spring

Features:

- Soft start
- Remote sense

ALTERNATOR - REGULATORS (TRANSPO)



F606
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, I-FR-A Terminals
14.4 Vset, Black w/ Black Cover

For: Ford 6G Series IR/IF Alternators
Used On: (2004-03) Ford, Lincoln
Replaces: Ford VP4L1U-10C359-AA
Unit Nos: Ford 3L74-10300-AA, -BA; 3L7Z-10346-AA, -BA,
Lester Nos: 8303
Note: Regulator goes to Vsec (secondary regulation) and turns on light with loss of sense (A).
 With loss of light (I) connection, regulator continues to function but vehicle indicator light does not turn on.
 Design includes Field Current Limiting.

Components:
 38-217-1 Brush
 39-2702 Brush Spring

(non-USA)

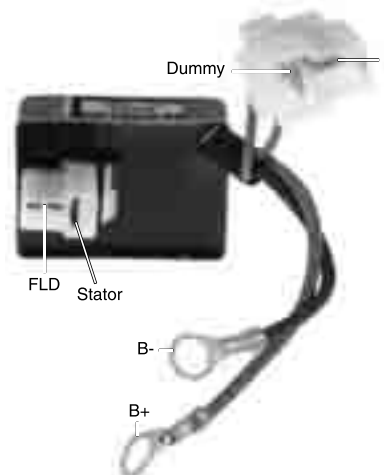


F610
Regulator
12 Volt, A-Circuit, S-D-L Terminals, 14.4 Vset

For: Ford India Alternators
Unit Nos: Ford 3N21-10300-BB, CX1FA
Dim: M3 x 0.5 Field Post

HITACHI

External Regulated



IH605
Conversion Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Hitachi ER/EF Alternators
Note: Converts externally regulated alternators to internally regulated:
 Lester 14118 to 14231
 Lester 14105 to 14231



IH811
Regulator
12 Volt, B-Circuit, N-A-L-E-F-IG Terminals, 14.3 Vset

For: Hitachi, Mitsubishi ER/EF Alternators
Used On: Nissan Forklift
Replaces: Hitachi TL1Z-10A, -10B, -14, -14A, -14B, -17, -24, -25, -30, -31, -37, -41, -57A, -57D, -61, -61D, -71, -86, -98, TR1Z-77; Nissan 22252-40061; 23500-14602, -14603, -14800, -14802, -14803, -14804, -14814, -14900, -14901, -14902, -14903, -14911, -16413, -16500, -16502, -16503, -16504, -16510, -16512, -16513, -16514, -16516, -21600, -29900, -29901, -29902, -29903, -29904, -29905, -29906, -29910, -29911, -29912, -73000, -73010, -73011, -86400, -89900, -89901, -89902, -89903, -89904, -89905, -89910, -89911, -98911, -L0400, -L0410, -N3300, -N3310
Unit Nos: Hitachi LT120-07, LT135-35, LT150-10, LT150-10B, LT150-26; Ishikawajima 185046071; Mitsubishi A1T21171, A2T10180, AH2035N1, AP2040J4; Nissan 23099-J5503; 23100-H7202, -P0103, -P4500, -U0101, -U0111, -U0112, -U0113
Lester Nos: 12128, 14105, 14118, 14209, 14213, 14214
WAI Ref. Nos: 1-1094-01HI, 1-1103-01HI, 1-1111-01HI, 1-1111-01MI
Features:
 • External regulator

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

External Regulated (cont'd.)



IH814 Regulator

12 Volt, B-Circuit, N-A-L-E-F-IG Terminals, 14.3 Vset

For: Hitachi ER/EF Alternators

Replaces: Hitachi TL1Z-82, -82B, -82D;
Nissan 23500-N6000, -N6001, -N6003

Features:

- External regulator



IH815 Regulator

12 Volt, B-Circuit, N-IG-L-E-F Terminals, 14.3 Vset

For: Hitachi ER/EF Alternators

Replaces: GM 94021595; Hitachi TL1Z-46, -48, -66;
Isuzu 9-8225-0110, 9-8225-3102, 9-8225-3107;
Nippondenso 026000-1990

Features:

- External regulator



IH816 Regulator

12 Volt, B-Circuit, L-IG-F-E-N-A Terminals, 14.3 Vset

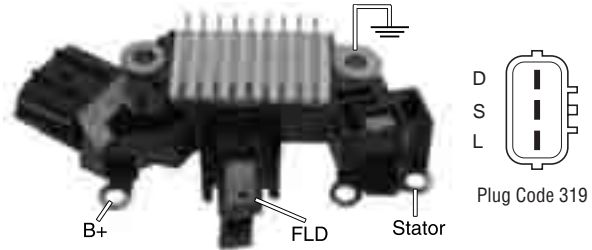
For: Hitachi ER/EF Alternators

Replaces: Hitachi TL1Z-85B, -85D;
Nissan 23500-B8000, -B8001, -B8002, -B8003

Features:

- External regulator

Internal Regulated



IH742 Regulator

12 Volt, A-Circuit, D-S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (2001) Subaru

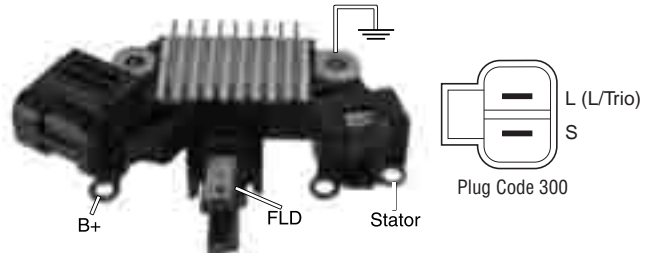
Unit Nos: Hitachi LR190-742; Subaru 23700-AA31A

Lester Nos: 13829

WAI Ref. Nos: 1-2508-01HI

Features:

- Stator excite



IH744

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

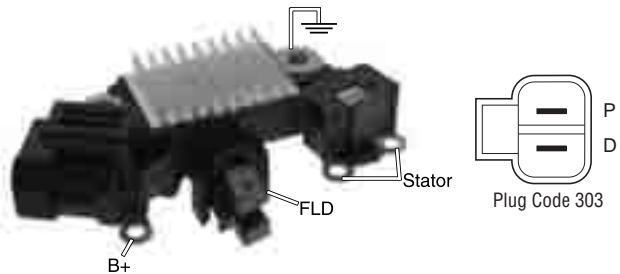
For: Hitachi IR/IF Alternators

Used On: (2002-98) Honda, Isuzu

Unit Nos: Hitachi LR190-744; Isuzu 8-97204-332-0

Lester Nos: 13825

WAI Ref. Nos: 1-2240-01HI



IH758

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-P Terminals, 14.4 Vset

For: Hitachi ED/IF Alternator

Used On: (2000-99) Mazda

Unit Nos: Hitachi LR170-758;

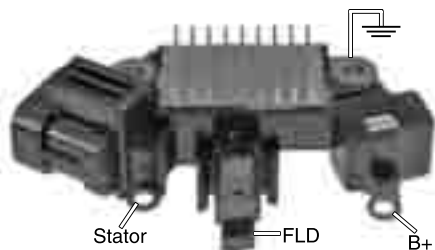
Mazda BP4W-18-300B, BP4W-18-300C

Lester Nos: 13788

WAI Ref. Nos: 1-2212-01HI

Note: Conventional regulator and alternator bench test methods will immediately damage a D-P Type regulator. Avoid damage using Transpo VRC101-26 Tester Adapter

ALTERNATOR - REGULATORS (TRANSPO)



IH769

Regulator / Brush Holder Assy.

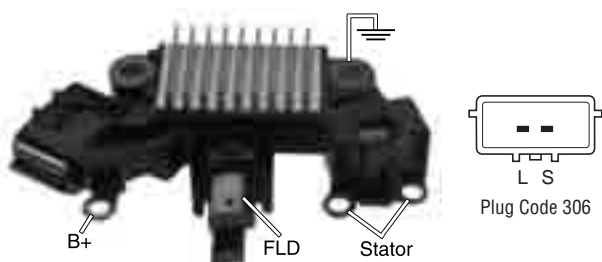
12 Volt, A-Circuit, W-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: Opel (Europe)

Unit Nos: Hitachi LR170-509, C, E, F, G, H; LR1100-502E, F; Isuzu 8-97189-112-0, -2, -3, -4

WAI Ref. Nos: 1-2618-01HI



IH774

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Hitachi IR/IF Alternators

Used On: (2001-98) Infiniti, Nissan

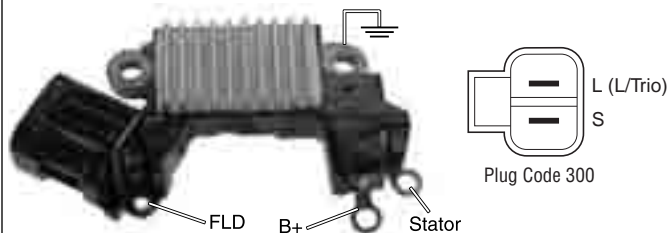
Replaces: Nissan 23215-0L701, 23215-31U06

Unit Nos: Hitachi LR1100-711B; LR1110-707G, -709B, -710F; LR1125-702F;

Nissan 23100-0L700, -0L701, -2Y900, -31U02, -6P000

Lester Nos: 13612, 13639, 13657, 13712, 13826

WAI Ref. Nos: 1-2098-01HI, 1-2231-01HI, 1-2268-01HI, 1-2382-01HI,



IH765

(Ref# 35-8133)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (1998-95) Nissan, Subaru

Unit Nos: Hitachi LR180-742, LR180-742C, LR185-701, LR190-724; Nissan 23100-70F00, 23100-70F05; Subaru 23700-AA210, 23700-AA210F

Lester Nos: 13641, 13642, 13645

WAI Ref. Nos: 1-2013-01HI, 1-2014-01HI, 1-2015-01HI

(cont'd.)

(cont'd.)

Note: Used in Regulator/Rectifier Assy. Hitachi L185G-2340, Subaru 23815-AA050

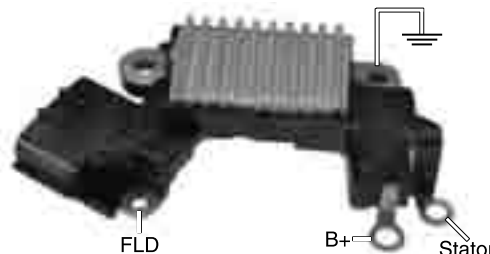
Similar to IH776 but IH776 has W-L terminals.

Components:

TRI761 Repair Circuit

Features:

- Short circuit protected



IH766

(Ref# 35-8127)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.2 Vset

For: Hitachi IR/IF Alternators

Used On: (1997-95) Infiniti, Nissan

Replaces: Nissan 23215-31U02, 23215-31U05

Unit Nos: Hitachi LR1110-705, -705B, -707E; LR1125-702, -702B, -702F; Nissan 23100-31U01, -31U02, -40U00, -6P000

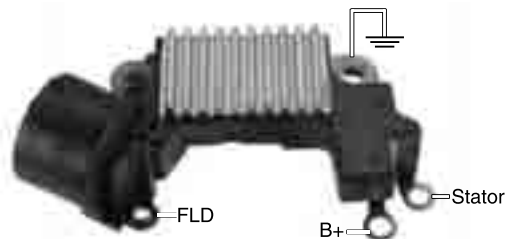
Lester Nos: 13612, 13639, 13712

WAI Ref. Nos: 1-1921-01HI, 1-2098-01HI, 1-2192-01HI

Note: 2 pin plug

Features:

- Short-circuit protected



IH772

(Ref# 35-8130)

Regulator

12 Volt, A-Circuit, S-L-C-IG Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: (1998-97) Honda, Isuzu

Replaces: Isuzu 8-97182-957-0

Unit Nos: Hitachi LR160-630C, -729C, -730C, -731; LR170-755; Isuzu 8-97101-816-2, 8-97104-101-2, 8-97120-752-0; 8-97130-752-0, -1; 8-97130-776-0, -1

Lester Nos: 13744, 13745, 13757, 13775

WAI Ref. Nos: 1-2089-01HI, 1-2089-02HI, 1-2090-01HI, 1-2180-01HI

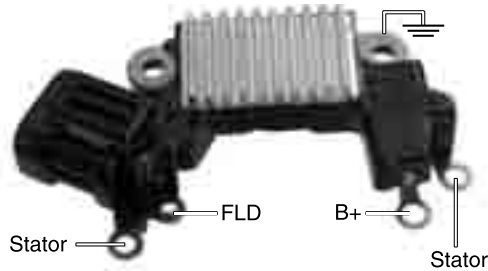
Components:

TRI772 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

Internal Regulated (cont'd.)



IH776

Regulator

12 Volt, A-Circuit, W-L Terminals, 14.2 Vset

For: Hitachi IR/EF Alternators

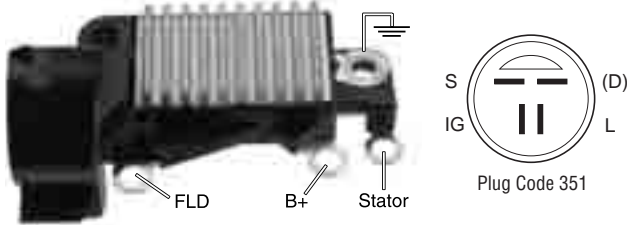
Used On: Opel, Isuzu

Replaces: GM 97122643; Hitachi L170G-3319, L170G-6308, L170G-7315; Isuzu 8-97122-643-0, Opel 1204240

Unit Nos: Hitachi LR170-505, -505B; Isuzu 8-9715-0200-0, 8-9716-0200-0

WAI Ref. Nos: 1-2615-01HI

Note: Similar to IH765 but IH765 has S-L terminals.



IH247

(Ref# 35-8115)

Regulator

12 Volt, A-Circuit, S-D-IG-L Terminals, 14.5 Vset

For: Hitachi IR/IF Alternators

Used On: (1994-90) Subaru

Replaces: Hitachi L170-23152, Subaru 23815-AA010

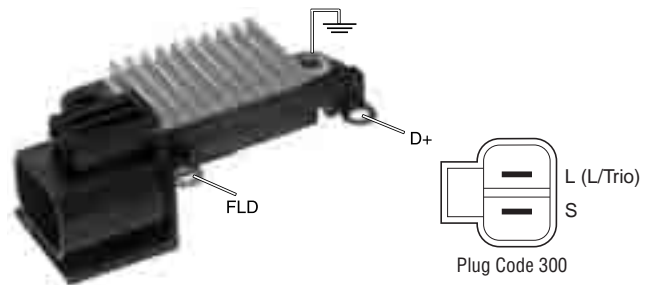
Unit Nos: Hitachi LR170-732B, C

Lester Nos: 13275

WAI Ref. Nos: 1-1257-01HI

Components:

TRI247 Repair Circuit



IH760

(Ref# 35-8119)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (1991) Nissan

Replaces: Hitachi L170-33152, Nissan 23215-50Y05

Unit Nos: Hitachi LR170-738, B; Nissan 23100-50Y06, -50Y09

Lester Nos: 13334

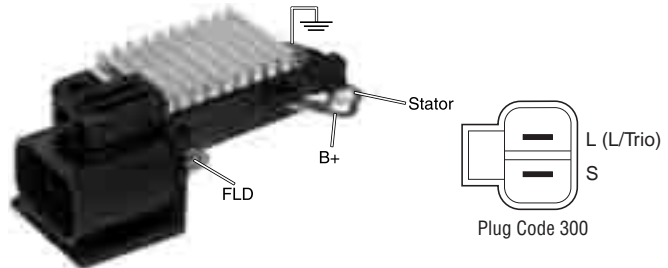
WAI Ref. Nos: 1-1423-01HI

Note: With trio terminal.

Similar to IH761 except IH761 has stator terminal.

Components:

TRI760 Repair Circuit



IH761

(Ref# 35-8120)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (1994-87) Nissan

Replaces: Hitachi L180G-2340, Nissan 23215-85L00

Unit Nos: Hitachi LR170-738C, LR170-744

Lester Nos: 13333, 13334

WAI Ref. Nos: 1-1423-01HI, 1-1877-01HI

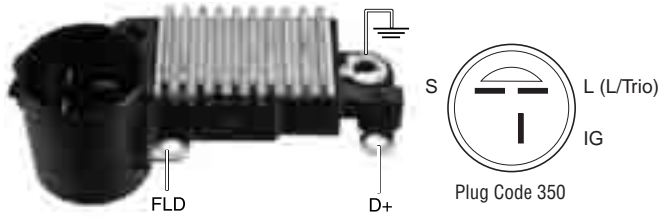
Note: With stator terminal.

Similar to IH760 except IH760 has trio terminal.

Components:

TRI761 Repair Circuit

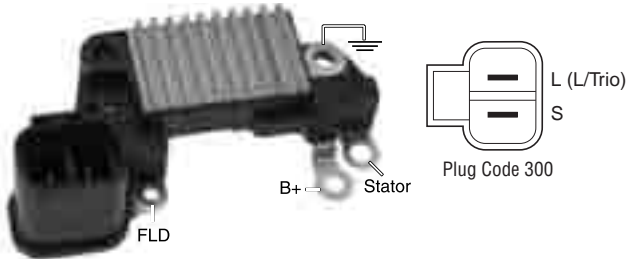
ALTERNATOR - REGULATORS (TRANSPO)



IH251
(Ref# 35-8125)
Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.3 Vset

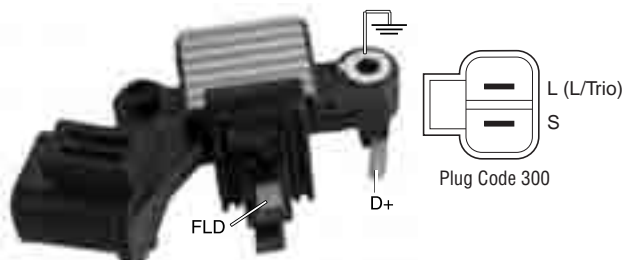
For: Hitachi IR/IF Alternators
Used On: (1996-93) Honda, Isuzu
Replaces: Isuzu 8-97074-937-0
Unit Nos: Hitachi LR150-711, LR150-725, LR150-726, LR160-725, LR160-725B, LR160-726, LR160-738; Isuzu 8-97042-637-1, 8-97063-025-0, 8-97063-025-1, 8-97063-026-0, 8-97063-026-1, 8-97084-578-0
Lester Nos: 13564, 14859, 14960
WAI Ref. Nos: 1-1878-01HI, 1-1879-01HI, 1-1880-01HI
Components:
 TRI431 Repair Circuit



IH763
(Ref# 35-8122)
Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1994-92) Nissan
Replaces: Hitachi L195G-2340, Nissan 23215-97E01
Unit Nos: Hitachi LR195-701
Lester Nos: 13477
WAI Ref. Nos: 1-1583-01HI
Components:
 TRI761 Repair Circuit



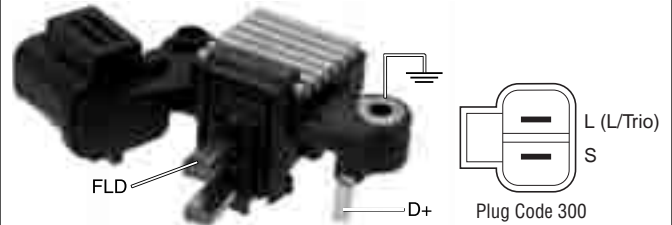
IH238
(Ref# 35-8103)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1985) Nissan
Replaces: Hitachi L180-3315, L190-3315; Nissan 23133-16E05, -F6100
 (cont'd.)

(cont'd.)
Unit Nos: Hitachi LR170-704, LR170-713, LR170-721, LR180-704, LR190-704, LR190-709
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI
Note: Without capacitor. For version w/ capacitor use IH239
Components:
 TRI423 Repair Circuit (Transpo IH238 only)
 TRI420 Repair Circuit (OE regulator only)

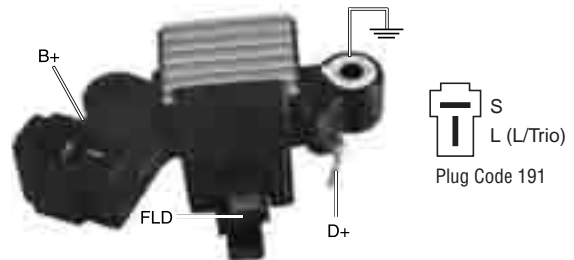


IH239
(Ref# 35-8107)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1991-85) Nissan
Replaces: Hitachi L180-7315, Nissan 23133-26E60
Unit Nos: Hitachi LR170-721B, LR180-721B, LR190-704B, LR190-709B, LR190-711
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI
Note: With capacitor. For version wo/ capacitor use IH238
Components:
 38-8103 Brush
 TRI421 Repair Circuit



IH243
(Ref# 35-8112)

Regulator / Brush Holder Assy.

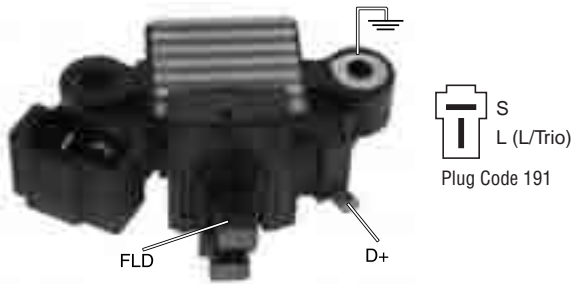
12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1987-85) Subaru
Replaces: Hitachi L165-2315, Subaru 23733-AA000
Unit Nos: Hitachi LR165-704
Lester Nos: 14743
WAI Ref. Nos: 1-1258-01HI
Components:
 38-8106 Brush
 TRI420 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

Internal Regulated (cont'd.)



IH246

(Ref# 35-8113)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: (1991-87) Subaru

Replaces: Hitachi L165-5315; Subaru 23733-AA010

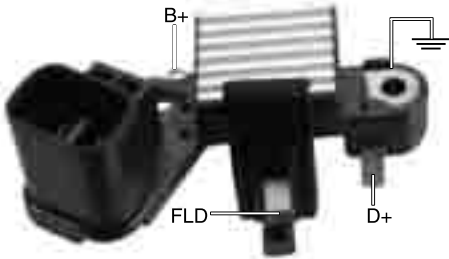
Unit Nos: Hitachi LR165-704B, LR165-705; Subaru 23700-AA150

Lester Nos: 14743

WAI Ref. Nos: 1-1258-01HI

Components:

TRI421 Repair Circuit



IH250

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

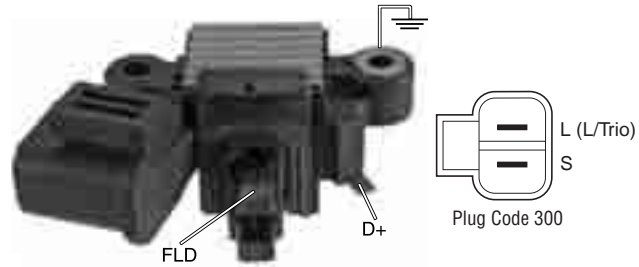
Used On: Nissan Bluebird

Replaces: Hitachi L170-3315; Nissan 23133-13E00

Unit Nos: Hitachi LR160-708, LR160-709, LR160-710; Nissan 23100-02E00, 23100-02E05

Components:

TRI420 Repair Circuit



IH245

(Ref# 35-8109)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: (1990-89) Nissan

Replaces: Hitachi L170-43151, Nissan 23133-77A00

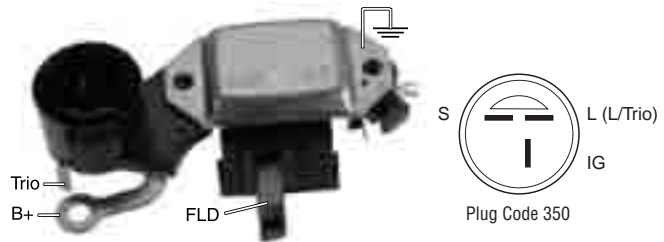
Unit Nos: Hitachi LR165-707, B

Lester Nos: 13250

WAI Ref. Nos: 1-1128-01HI

Components:

TRI421 Repair Circuit



IH252

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-IG-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators

Used On: Hino, Isuzu Truck

Replaces: GM 94167410; Hitachi L150-33155;

Isuzu 8-94167-410-0, 8-94167-410-8

Unit Nos: Hitachi LR150-415, -421C, -434B, -438B, -439B, -444B, -448, -449B; LR155-415, -416, -418B, -419B; LR160-418B, -419, -432B, -433B, -433E, -434B, -435E, -443, -444, -446, -447B, -448B; LR170-410, -418B, -418C;

Isuzu 8-94122-488-4, 8-94128-056-2, 8-94171-674-0, 8-94408-365-0, 8-94419-519-1, 8-94428-885-3, 8-94428-886-1, 8-94428-887-3, 8-94441-959-1; 8-94449-054-0, -2; 8-94452-134-1, 8-94452-729-2, 8-94452-739-0; 8-94452-740-1, -3; 8-97023-733-1; 8-97037-724-0, -1; 8-97039-342-0, 8-97043-566-0, 8-97073-923-1, 8-97073-924-1, 8-97074-611-0, 8-97080-328-1

Lester Nos: 12097, 14735

WAI Ref. Nos: 1-1940-02HI, 1-2271-01HI

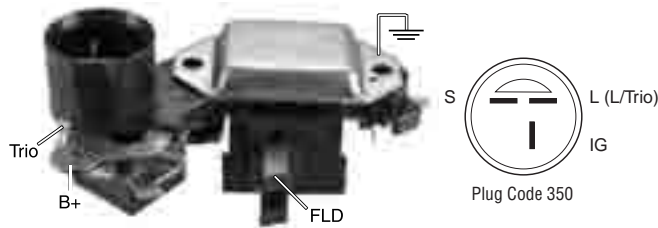
Note: Without capacitor.

For version w/ capacitor use IH252V.

Components:

IH212-1 Regulator

ALTERNATOR - REGULATORS (TRANSPO)



IH252V

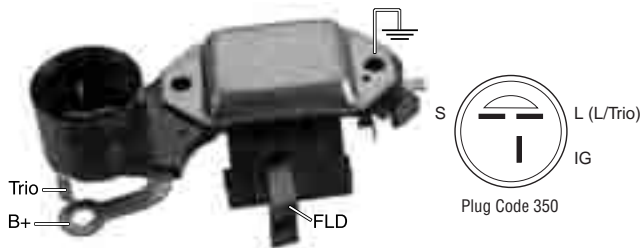
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-IG-L Terminals, 14.3 Vset

Same as IH252 except...

Note: With capacitor.

For version wo/ capacitor use IH252.



IH253

(Ref# 35-8138)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, S-IG-L Terminals, 27.0 Vset

For: Hitachi IR/EF Alternators

Used On: Industrial Lift Trucks

Replaces: Hitachi L225-9315, TR2Z-49;

Nissan 23215-C6800, 23528-C8601

Unit Nos: Hitachi LR235-402, Nissan 23100-C8604

Note: Without capacitor. For regulator only use IH716.



IH254

(Ref# 35-8137)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L-W-IG Terminals, 14.5 Vset

For: Hitachi IR/EF Alternators

Used On: Isuzu, Opel (Diesel)

Replaces: Hitachi L170G-1315

Unit Nos: Hitachi LR170-420, -420B; Isuzu 8-97041-790-0

Lester Nos: 12273

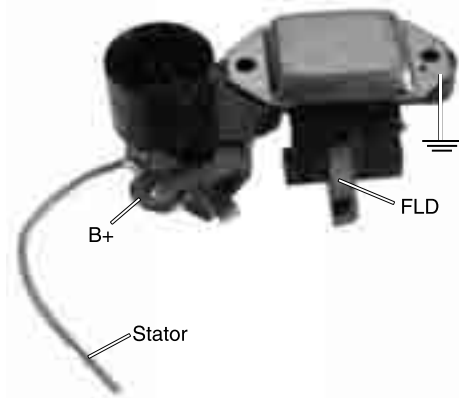
WAI Ref. Nos: 1-2616-01HI

Note: Without capacitor.

For version w/ capacitor use IH254V.

Components:

IH212-1 Regulator



IH254V

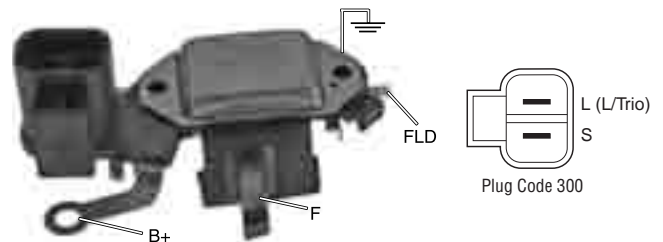
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L-W-IG Terminals, 14.5 Vset

Same as IH254 except...

Note: With capacitor.

For version wo/ capacitor use IH254.



IH205

(Ref# 35-8136)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Hitachi IR/EF Alternators

Used On: Isuzu

Replaces: Hitachi L150-93155, L160-23153, L160-63153

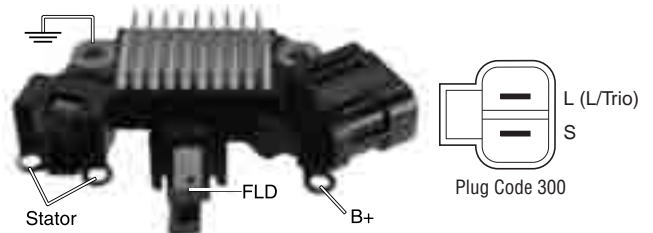
Unit Nos: Hitachi LR170-404, LR170-404B, LR170-404C; Nissan 23100-54A01, 23100-54A02, 23100-54A03

Lester Nos: 14753

WAI Ref. Nos: 1-1426-01HI

Components:

IH212-1 Regulator



IH738

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Hitachi IR/IF Alternators

Used On: (2001-98) Nissan

Replaces: Nissan 23215-5V100

Unit Nos: Hitachi LR170-757B, LR180-756B; LR1100-709B, -722; Nissan 23100-3S500, -5M000, -9E000

Lester Nos: 13760, 13778, 13827

WAI Ref. Nos: 1-2191-01HI, 1-2193-01HI, 1-2449-01HI

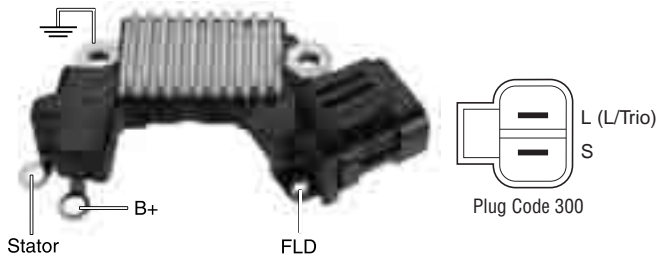
Features:

- Stator excite

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

Internal Regulated (cont'd.)



IH767

(Ref# 35-8126)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset, wo/ LRC

For: Hitachi IR/IF Alternators

Used On: (1999-95) Nissan

Replaces: Hitachi L170G-5315, L170G-6315, L180G-23401; Nissan 22020-85M10, 23215-0M000, 23215-0M800, 23215-0M801, 23215-0M810

Unit Nos: Hitachi LR160-727; LR165-711, -711B; LR170-743, -745, -745B, -746, -746E, -746F, -746G, -746J, -748, -748B, -750C, -750E, -752, -752B; LR180-741, -741B, -741H, -744; LR190-725B, -725E, -732

Lester Nos: 13636, 13637, 13640, 13643, 13644

WAI Ref. Nos: 1-2001-01HI, 1-2002-01HI, 1-2091-01HI, 1-2093-01HI, 1-2152-01HI

Note: Similar to IH782 except IH782 has 5 sec LRC.

Components:

TRI767 Repair Circuit

Features:

- Short-circuit protected



IH782

(Ref# 35-8129)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.2 Vset, 5 sec. LRC

For: Hitachi IR/IF Alternators

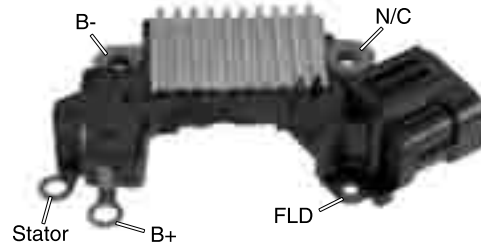
Used On: (1999-96) Nissan

Replaces: Hitachi L190G-5340, Nissan 23215-0W402

Unit Nos: Hitachi LR180-751; LR190-729, C; LR190-737

Lester Nos: 13638, 13713, 13728

WAI Ref. Nos: 1-2092-01HI, 1-2103-01HI, 1-2124-01HI



IH783

(Ref# 35-8132)

Regulator

12 Volt, A-Circuit, D-L Terminals, 14.2 Vset

For: Hitachi IR/EF Alternators

Used On: Isuzu Truck

Unit Nos: GM 97189650; Hitachi LR180-509, -509C, -510; Isuzu 2-90276-810-0, 8-97116-697-3, 8-97189-549-0, 8-97189-649-0, 8-97189-650-0

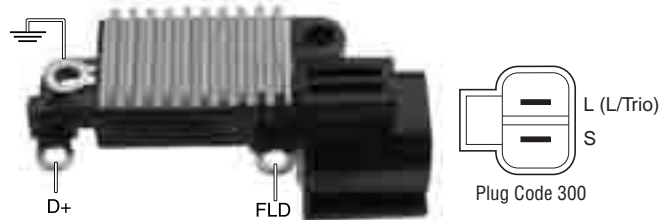
Lester Nos: 12335, 12336

WAI Ref. Nos: 1-2358-01HI, 1-2496-01HI

Note: OE regulator is single L-terminal and does not incorporate soft-start.

Features:

- Internal sense
- Soft start



IH248

(Ref# 35-8116)

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (1994-90) Infiniti, Nissan

Replaces: Hitachi L180-8315, Nissan 23215-64J00

Unit Nos: Hitachi LR160-723, B; LR170-734B, LR170-739, LR180-725, LR180-729

Lester Nos: 13273, 13285, 13287, 13329, 13533

WAI Ref. Nos: 1-1118-01HI, 1-1119-01HI, 1-1425-01HI, 1-1427-01HI, 1-1429-01HI

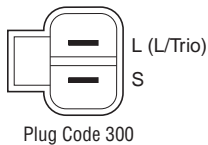
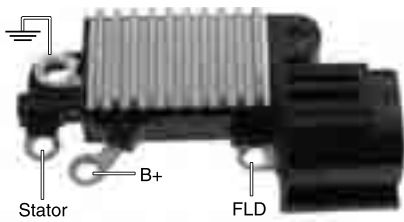
Note: With trio terminal.

Similar to IH762 except IH762 has stator terminal.

Components:

TRI248 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)



IH762
(Ref# 35-8123)
Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (1996-93) Nissan

Replaces: Hitachi L180-5340, L180G-5340; Nissan 23215-64J02

Unit Nos: Hitachi LR160-724, LR170-739B; LR180-725B, C, E; LR180-734B, C; LR180-736B, LR190-717

Lester Nos: 13329, 13474, 13531, 13533, 13534

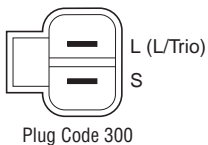
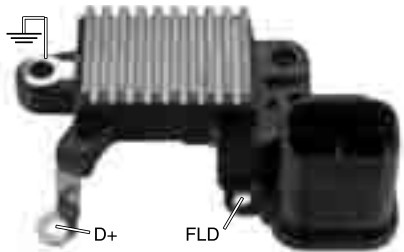
WAI Ref. Nos: 1-1120-01HI, 1-1427-01HI, 1-1429-01HI, 1-1953-01HI, 1-1954-01HI

Note: With stator terminal.

Similar to IH248 except IH248 has trio terminal.

Components:

TRI767 Repair Circuit



IH770
(Ref# 35-8118)
Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (1993-90) Infiniti

Replaces: Hitachi L1110-2315, Nissan 23215-60U00

Unit Nos: Hitachi LR1100-702, LR1110-701, LR1110-702;

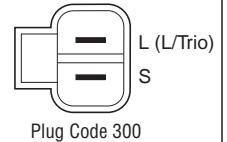
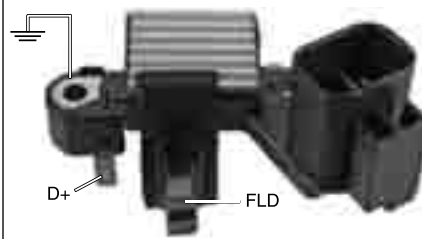
Nissan 23100-60U00, 23100-60U01, 23100-61U00

Lester Nos: 13261

WAI Ref. Nos: 1-1478-01HI

Components:

TRI770 Repair Circuit



IH237
(Ref# 35-8102)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: (1989-84) Nissan

Replaces: Hitachi L170-1315, Nissan 23133-04P01

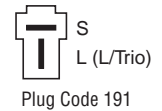
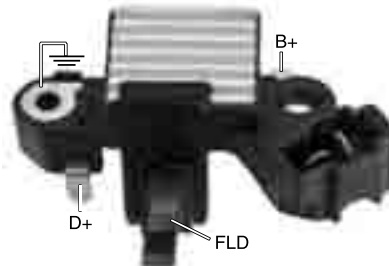
Unit Nos: Hitachi LR170-701B, E; LR170-702B

Lester Nos: 14655, 14717

WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI

Components:

TRI410 Repair Circuit



IH240
(Ref# 35-8135)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: Holden Commodore, Subaru

Replaces: Hitachi L170-6315

Unit Nos: Hitachi LR160-703, LR160-706, LR170-703,

LR170-706; Subaru 9202-0644

Components:

TRI410 Repair Circuit



IH258
Regulator

12 Volt, A-Circuit, IG-L Terminals, 14.4 Vset

For: Hitachi IR/IF Alternators

Used On: Honda Gold Wing Motorcycles

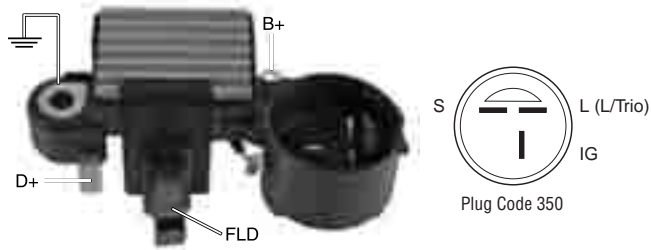
Unit Nos: Hitachi LR140-708, -708C; Honda 31100-MT2-015

WAI Ref. Nos: 1-2494-01HI

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

Internal Regulated (cont'd.)



IH241

(Ref# 35-8110)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: (1987-86) Isuzu

Replaces: Hitachi L150-43156, L150-73155; Isuzu 8-94249-860-0, 8-94410-335-0

Unit Nos: Hitachi LR150-703

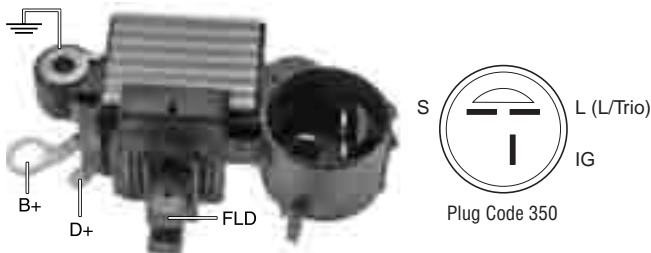
Lester Nos: 14859

WAI Ref. Nos: 1-1249-01HI

Components:

38-8104 Brush

TR1430 Repair Circuit



IH244

(Ref# 35-8111)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: (1996-87) Honda, Isuzu

Replaces: Isuzu 8-94462-849-0

Unit Nos: Hitachi LR150-704, H; LR160-718, H

Lester Nos: 14859, 14860, 14960

WAI Ref. Nos: 1-1232-01HI, 1-1233-01HI, 1-1880-01HI

Note: L-terminal is an output terminal

Components:

TR1430 Repair Circuit



IH242

(Ref# 35-8104)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators

Used On: (1990-86) Nissan

Replaces: Hitachi L160-43154; L170-13151, -53151, -8315; Nissan 23133-58S00, -58S01, -D4401

Unit Nos: Hitachi LR160-715, LR170-714; LR170-715, -715B; LR170-716, -716B; LR170-717, LR170-727, LR180-715; LR180-718, -718B; LR180-719

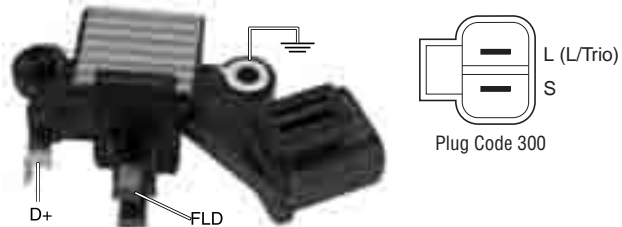
Lester Nos: 13273, 13327, 14241, 14242, 14719, 14979

WAI Ref. Nos: 1-1098-01HI, 1-1102-01HI, 1-1120-01HI, 1-1125-01HI, 1-1126-01HI, 1-1126-02HI, 1-1870-01HI, 1-2166-01HI

Components:

38-8106 Brush

TR1422 Repair Circuit



IH249

(Ref# 35-8117)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators

Used On: (1993-90) Infiniti, Nissan

Replaces: Hitachi L190-4315, Nissan 23133-F6500

Unit Nos: Hitachi LR180-724, LR190-706, LR190-707, LR190-714

Lester Nos: 13262, 13324

WAI Ref. Nos: 1-1107-01HI, 1-1477-01HI, 1-2099-01HI

Components:

TR1421 Repair Circuit



IH204

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Hitachi IR/EF Alternators

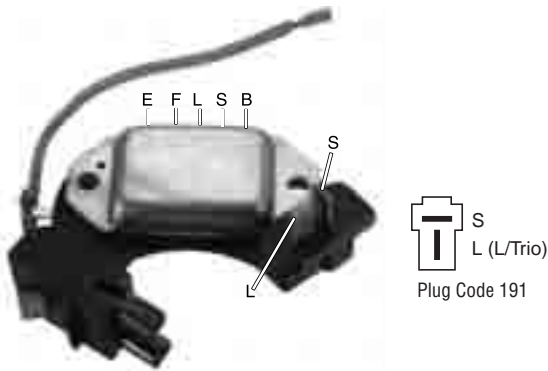
Used On: Isuzu (Diesel)

Unit Nos: Hitachi LR150-78B, Isuzu 8-94221-450-1

Components:

IH212-1 Regulator

ALTERNATOR - REGULATORS (TRANSPO)



IH201

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators

Used On: Nissan

Replaces: Hitachi L135N-13151, L150-13152;

Nissan 23133-B9800, 23133-P2501

Unit Nos: Hitachi LR135-44, LR150-53;

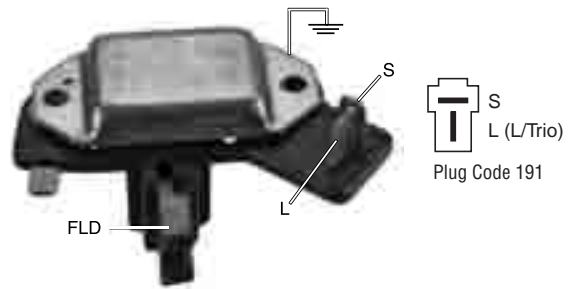
Nissan 23100-B9800, 23100-H7701

Lester Nos: 14231, 14255, 14587

WAI Ref. Nos: 1-1109-01HI, 1-1112-01HI

Components:

IH210-1 Regulator



IH203

(Ref# 35-8134)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators

Used On: (1986-78) Nissan

Replaces: Hitachi L150-43151, -63151; L160-43151;

Nissan 23133-D0200, -Q4601, 23133-W1606, -W7101

Unit Nos: Hitachi LR150-99B, -125B; LR160-78, -93, -104, -109; Nissan 23100-D0201, -D0800, -D1700, -H7703, -M6601, -W5806

Lester Nos: 14255, 14303, 14588

WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1109-01HI

Components:

IH210-1 Regulator



IH202

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators

Used On: (1980-78) Nissan

Replaces: Hitachi L160-13151, L160-1330;

Nissan 23133-P3005

Unit Nos: Hitachi LR160-42B;

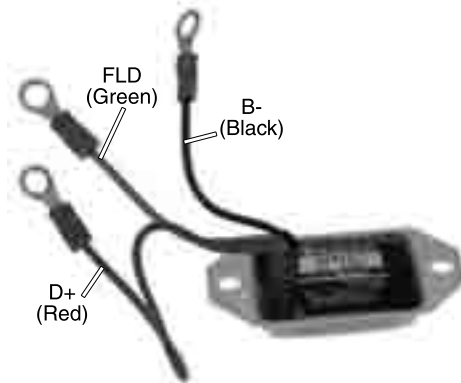
Nissan 23100-P3006, 23100-P3008

Lester Nos: 14185

WAI Ref. Nos: 1-1569-01HI

Components:

IH210-1 Regulator



IH211

(Ref# 35-8114)

Regulator

12 Volt, A-Circuit, L-F-E Terminals, 14.7 Vset

For: Hitachi IR/EF Alternators

Used On: Yanmar

Replaces: Hitachi TR1Z-28, Isuzu 5-81229-054-0,

Nissan 23215-79500, Yanmar X-TR1Z28

Unit Nos: Hitachi LR135-123, LR135-31; Isuzu 8-94151-410-0;

Yanmar 121370-77200

Lester Nos: 14218

Dim: 50mm Mounting

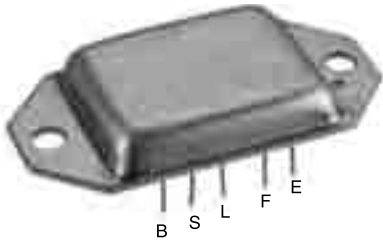
Terminal ID: Green FLD, Red: D+, Black: B-.

Note: 3-wire lead version of IH210.

ALTERNATOR - REGULATORS (TRANSPO)

HITACHI

Internal Regulated (cont'd.)



IH210-1
(Ref# 35-8100)
Regulator

12 Volt, A-Circuit, B-S-L-F-E Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators

Used On: (1994-78) Nissan, Subaru

Replaces: Hitachi TR1Z-27, -33, -34, -47, -48, -56, -65; Nissan 23125-F2500, -B9800, -E3200, -E3201, -F2500, -P2500, -Q4601, -Q4602; Subaru 42990-7100, -7110; 49575-7101, -7301

Unit Nos: Hitachi LR135, -32, -41B, -44, -61, -61B, -130; LR138-01; LR150-30B, -31, -35, -36, -46, -50, -51, -52, -53, -58, -94B, -98, -98B, -98E, -99, -99B, -101B, -125, -125B, -132B, -140, -177, -194, -194B, -197, -197B, -218; LR155-15, -15B, -15C, -18, -23, -24; LR160-20, -42, -42B, -46, -47, -57, -61, -62, -74, -75, -78, -78B, -78C, -82, -82B, -84, -84B, -85B, -93, -104, -105, -109, -109C, -113, -121, -124, -130, -137, -138, -139, -140B, -151, -151R, -166; LR170-02B, -10, -14, -18, -21, -22; LR180-01B, -02

Lester Nos: 14185, 231, 255, 300, 301, 303, 585, 587, 588, 592, 647, 652, 659, 660, 664, 665, 721, 742, 744, 745, 746, 747, 749, 751

WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1109-01HI, 1-1112-01HI, 1-1114-01HI, 1-1115-01HI, 1-1117-01HI, 1-1124-01HI, 1-1131-01HI, 1-1134-01HI, 1-1253-01HI, 1-1567-01HI, 1-1569-01HI, 1-1593-01HI, 1-1593-02HI

Note: Used in IH203 regulator / brush holder assy.

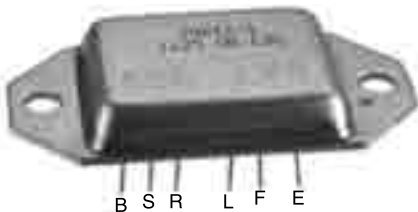
IH210HD
Regulator

12 Volt, A-Circuit, B-S-L-F-E Terminals, 14.3 Vset

Same as IH210-1 except...

Features:

- Heavy Duty
- Adjustable voltage



IH212-1
(Ref# 35-8101)
Regulator

12 Volt, A-Circuit, B-S-R-L-F-E Terminals, 14.3 Vset

For: Hitachi IR/EF Alternators w/ Vacuum Pump

Used On: (1987-81) Chevrolet, Hino, Isuzu, Isuzu Truck, Nissan, Pontiac

Replaces: Hitachi TR1Z-43, TR1Z-62, TR1Z-64, TR1Z-64A (cont'd.)

(cont'd.)

Unit Nos: Hitachi LR140-130B, P; LR140-131, -B; LR140-138; LR150-55B; LR150-133B, C, E; LR150-146, B, C, E; LR150-147B, C; LR150-155B, LR150-201B, LR150-205, B; LR150-401; LR150-402, C; LR150-403, LR150-434B, LR150-436, LR150-449C, LR155-12C, LR155-16B; LR160-96B, C; LR160-97B, C; LR160-401, C; LR160-422B, LR170-401, LR170-404, B, C; LR170-410; LR170-418B, C

Lester Nos: 14586, 14613, 14615, 14645, 14648, 14649, 14653, 14654, 14663, 14730, 14731, 14735, 14753, 14858, 14874, 14952

WAI Ref. Nos: 1-1113-01HI, 1-1116-01HI, 1-1121-01HI, 1-1129-01HI, 1-1130-01HI, 1-1236-01HI, 1-1247-01HI, 1-1426-01HI, 1-1516-01HI, 1-1570-01HI, 1-1571-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI

Note: For heavy duty version use IH717-1.

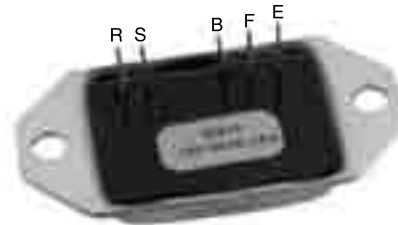
IH717-1
Regulator

12 Volt, A-Circuit, B-S-R-L-F-E Terminals, 14.3 Vset

Same as IH212-1 except...

Features:

- Heavy Duty



IH214
Regulator

12 Volt, A-Circuit, R-S-B-F-E Terminals, 14.4 Vset

For: Hitachi IR/EF Alternators

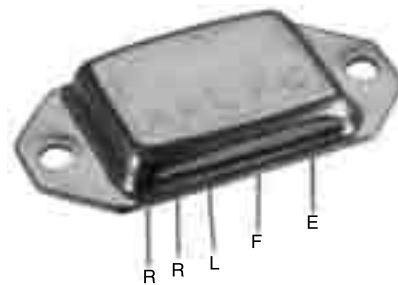
Used On: Isuzu (Diesel)

Replaces: Hitachi TR1Z-46, Isuzu 8-94223-967-0

Unit Nos: Hitachi LR140-112; Isuzu 8-94221-451-4

Lester Nos: 14731

WAI Ref. Nos: 1-1247-01HI



IH215
(Ref# 35-8108)
Regulator

12 Volt, A-Circuit, R-R-L-F-E Terminals, 14.2 Vset

For: Hitachi IR/EF Alternators

Used On: Case, Massey Ferguson

Replaces: Hitachi TR1Z-44, TR1Z-63; Isuzu 5-81270-004-0, Nissan 23500-99010

(cont'd.)

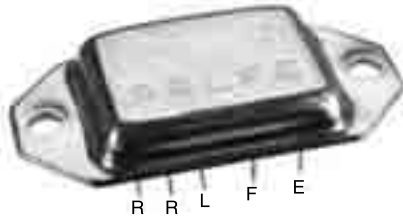
ALTERNATOR - REGULATORS (TRANSPO)

(cont'd.)

Unit Nos: Hitachi LR120-15, C; LR120-23, LR125-34, LR135-58B, LR135-86F, LR135-91; LR135-95, B; LR135-105, LR135-115, LR135-116, LR135-126, LR135-127, LR150-165, LR155-20, LR155-29, LR165-01

Lester Nos: 12129

WAI Ref. Nos: 1-2312-01HI, 1-2313-01HI, 1-2314-01HI, 1-2317-02HI, 1-2332-01HI



IH707

(Ref# 35-8124)

Regulator

24 Volt, A-Circuit, R-R-L-F-E Terminals, 28.5 Vset

For: Hitachi IR/EF Alternators

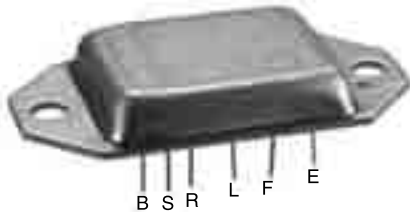
Used On: Fiat-Hitachi, Isuzu Industrial, Nissan Lift Truck, TCM Equipment

Replaces: Hitachi TR2Z-47; Isuzu 5-81251-016-0; Nissan 23500-99008; Yanmar 119129-77820

Unit Nos: Hitachi LR215-23, -24, -50; LR220-23, -24; LR225-84T, -85, -86B, -89; LR235-60C, -61C, -62, -65, -68, -69, -72B, -76, -80; LR240-19C, -20C, -21, -22E, -25, -26, -29B, -31E, -32

Lester Nos: 12114, 12321, 12324, 12325

WAI Ref. Nos: 1-2471-01HI, 1-2474-01HI



IH716

(Ref# 35-8139)

Regulator

24 Volt, A-Circuit, B-S-R-L-F-E Terminals, 28.5 Vset

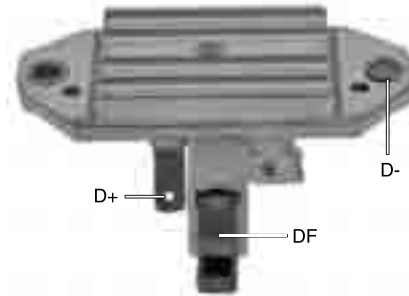
For: Hitachi IR/EF Alternators

Used On: Industrial Lift Trucks

Replaces: Hitachi TR2Z-37, TR2Z-49; Isuzu 8-94156-595-0, Nissan 23215-C6800

Unit Nos: Hitachi LR235-402, Nissan 23100-C8604

ISKRA



IK401

(Ref# 35-9500)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.6 Vset

For: Iskra 55-65A IR/EF Alternators

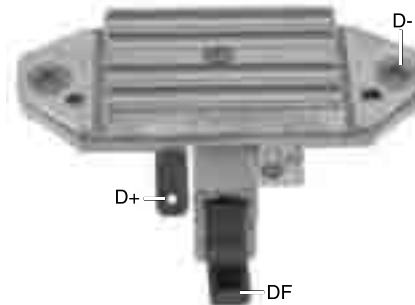
Used On: (1989-86) Yugo

Replaces: Iskra 11-125-019, 11-125-053, 11-125-054, 11-125-056, 11-125-065, 11-125-085, 11-125-119, 16-905-323, AER1401, AER1406, AER1505, AER1506, AER1508, AER1510

Unit Nos: Iskra 11-201-071, -077, -078, -117, -143, -146, -147, -167, -204, -207, -214, -219, -220, -222, -273; AAK1117, 1118, 1119, 1137, 1148, 1151, 1152, 1163, 1172, 1175, 1181, 1182, 1183, 1185, 1314

Lester Nos: 13055, 13225, 14390

WAI Ref. Nos: 1-1343-01IK



IK404

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.0 Vset

For: Iskra Alternators

Used On: Fiatallis, Iveco, Magirus-Deutz, OM, Poclairn, Same, Steyr

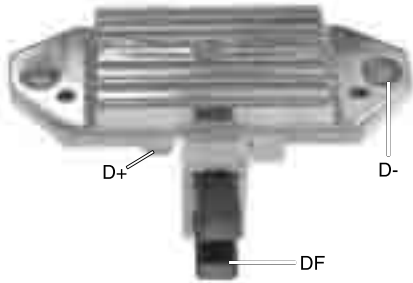
Replaces: Iskra 11-125-029, 11-125-047, 11-125-087, 16-905-304, AER1404, AER1504, AER1511; KHD 1318048

Unit Nos: Iskra 11-201-050, -052, -055, -066, -069, -087, -098, -107, -151, -162, -186, -201, -360, -522, -555, -557, -574, -586, -633, -635, -699, -705; AAK1107, 1109, 1110, 1113, 1115, 1125, 1131, 1134, 1153, 1160, 1167, 1309, 1347, 1352, 1367, 3520, 3557, 4179, 4507, 4509, 4531, 4560

Lester Nos: 12031, 12134

ALTERNATOR - REGULATORS (TRANSPO)

ISKRA (cont'd.)



IK543

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset**

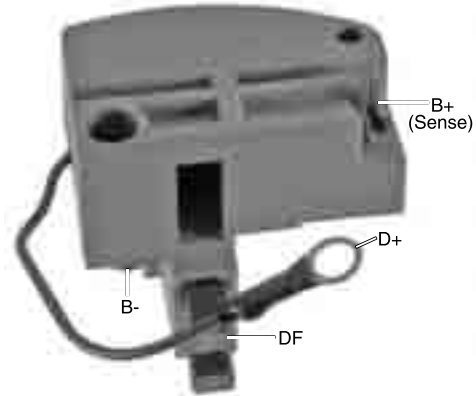
For: Iskra Alternators

Used On: Lada

Replaces: Iskra 11-125-122

Unit Nos: Iskra 11-201-205, AAK1173

LADA



IR672

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset**

For: Lada Alternators

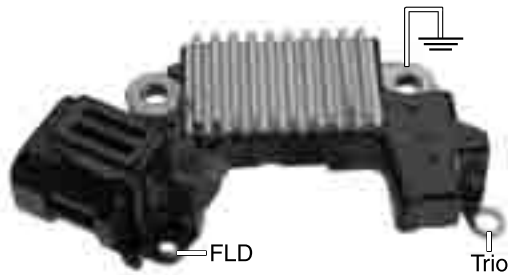
Used On: Lada

Replaces: Lada 173701010, 21033701500, 21053701500

Unit Nos: Lada 21053701010, 22053701005

Note: 14.2 Vset

KIA PRECISION WORKS



IH768

Regulator

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Kia Precision Works IR/IF Alternators

Used On: (2004-99) Kia

Unit Nos: Kia OK012-18-300, OK241-18-300

Lester Nos: 13862, 13863

WAI Ref. Nos: 1-2444-01HI, 1-2445-01HI

Note: Similar to IH765 except IH768 used w/ IHR741 rectifier w/ diode trio.

Features:

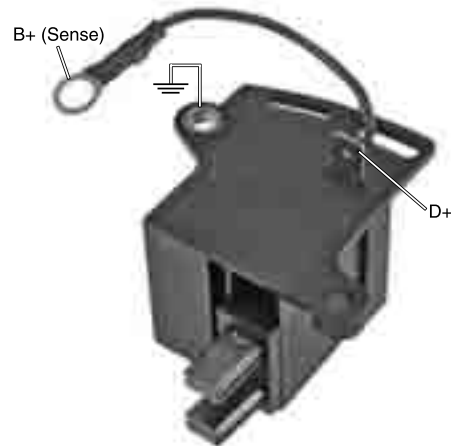
- Trio excited

IR674

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset**

Same as IR672 except...

Note: 14.6 Vset



IR673

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset**

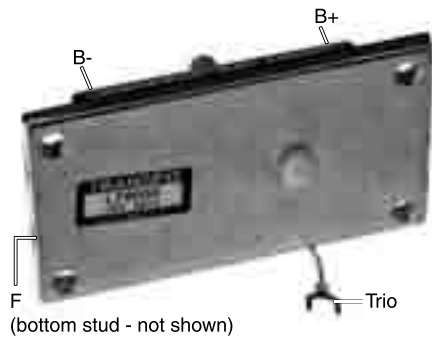
For: Lada Alternators

Used On: Lada

Replaces: Lada 173702, 21083701500, 567625/5

LEECE-NEVILLE

2300-2800JB Series



L79000
(Ref# 35-500)
Regulator

12 Volt, A-Circuit, 14.2 Vset

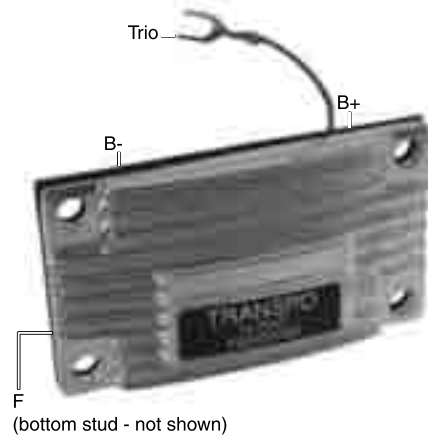
For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79000, 102200

Unit Nos: Leece-Neville 2300J, 2360J, 2500J, 2600J, 2670J, 2700J, 2800J, 2805J, 4800J, 4806J, 4860J, 4900J

Features:

- Adjustable voltage



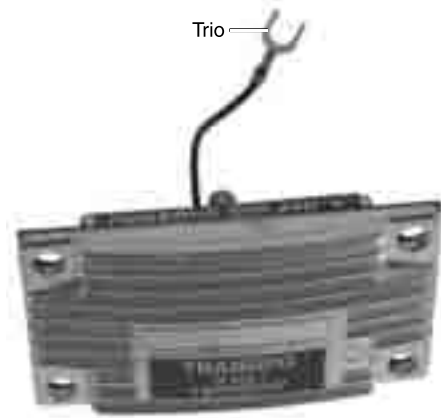
L79000HD
(Ref# 35-500-3)
Regulator

12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...

Features:

- Heavy Duty
- Superior loading performance
- OE-style finned cast aluminum heat sink
- Adjustable voltage



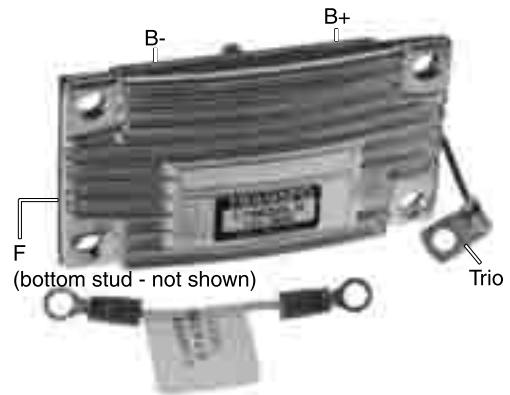
L79000HDP
Regulator

12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...

Features:

- Premium Heavy Duty
- OE style finned cast aluminum heat sink
- Low saturation voltage
- Load dump protected
- Superior loading performance
- Fast cut in
- Adjustable voltage



L79000LH
(Ref# 35-500-1)
Regulator

12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...

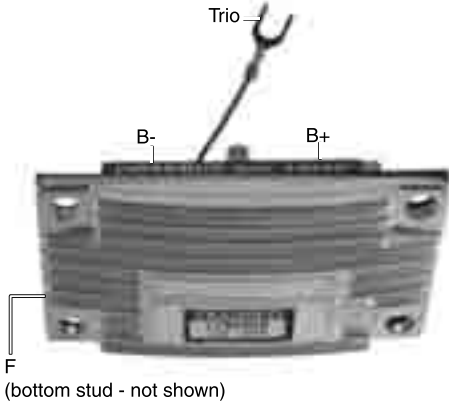
Features:

- OE compliant heavy duty circuit
- Trio, Ign. or AC excited
- Low saturation voltage
- Load dump protected
- Superior loading performance
- Fast cut in
- 10 amp field rating

ALTERNATOR - REGULATORS (TRANSPO)

LEECE-NEVILLE

2300-2800JB Series (cont'd.)



F
(bottom stud - not shown)

L79000S Regulator

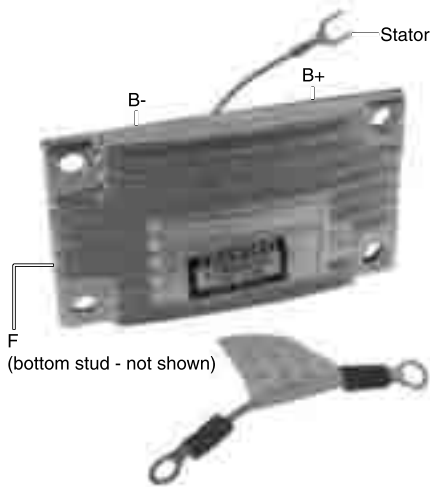
12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...

Note: Super version of L79000

Features:

- Heavy duty circuit
- Low saturation voltage
- Load dump protected
- Superior loading
- Quicker turn-on



F
(bottom stud - not shown)

L79000AC Regulator

12 Volt, A-Circuit, 14.2 Vset

Same as L79000 except...

Note: Stator activated version of L79000

Features:

- Stator activated
- Fast cut in
- Protected against current drain from leaky diodes
- Adjustable voltage



L95019

Regulator

12 Volt, A-Circuit, 14.2 Vset

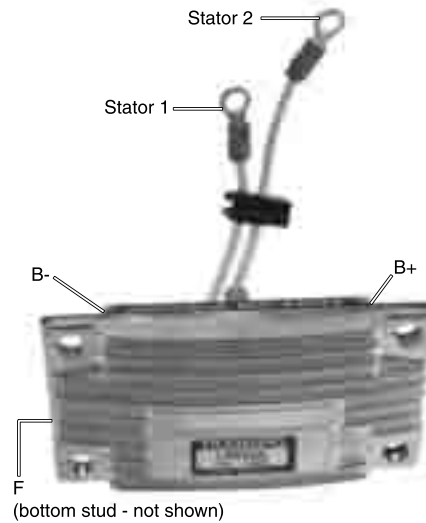
For: Leece-Neville 2300-2800JB Series Alternators

Replaces: IHC L585949C1; Leece-Neville 95019

Note: Without diode trio

Features:

- Ignition excited
- Adjustable voltage
- Extremely low standby drain designed to protect during long periods of inactivity



F
(bottom stud - not shown)

L99920

(Ref# 35-500-5)

Regulator

12 Volt, A-Circuit, 14.2 Vset, Dual Stator Leads

For: Leece-Neville 2300-2800JB Series Alternators

Used On: IHC 9400 Series w/ Caterpillar 3406 engine

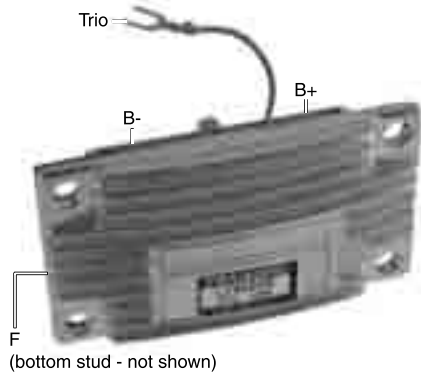
Replaces: Leece-Neville 99000, 99920, R240099920

Unit Nos: Leece-Neville 2505J, 2706J, 2808J, 2819J

Features:

- OE compliant circuit
- Low saturation voltage
- Dual stator leads
- 8 amps field rating

ALTERNATOR - REGULATORS (TRANSPO)



L79350S
(Ref# 35-503)
Regulator

24 Volt, A-Circuit, 27.5 Vset

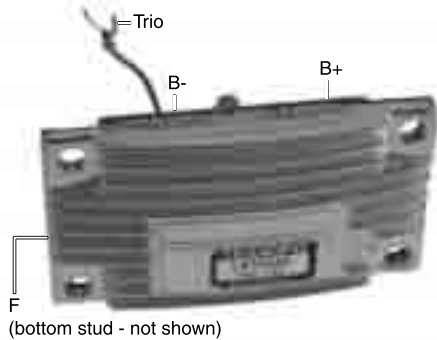
For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79350

Unit Nos: Leece-Neville 2304J, 2511J

Features:

- Low saturation voltage
- Adjustable voltage



L97050S
Regulator

32 Volt, A-Circuit, 37.5 Vset

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 97050

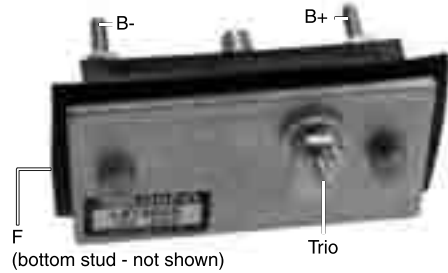
Unit Nos: Leece-Neville 2302J

Lester Nos: 7604

Features:

- Low saturation voltage
- Adjustable voltage

3400J Series



L97300S
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville Alternators

Replaces: Leece-Neville 97300

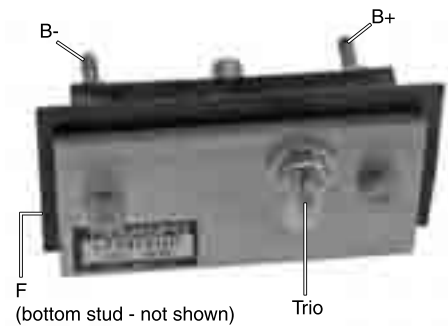
Unit Nos: Leece-Neville 3425J, 3625J, 3725J

Note: Face plate is 0.1" higher than L77973HD. Square notch type

Features:

- OE style replacement
- Low saturation voltage
- Adjustable voltage

4400-4700J Series



L77973HD
(Ref# 35-501)
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville Alternators

Replaces: Leece-Neville 77973

Unit Nos: Leece-Neville 4425J, 4450J, 4625J, 4650J, 4725J, 4750J, 7600JA, 7601JA, 7602JA, 7604JA, 7605JA, 7606JA, 7700JA, 7702JA, 7704JA, 7705JA, 7706JA, 7709JA, 7710JA, 7711JA

Note: OE design.

For AC version use L77973AC. Half moon notch type.

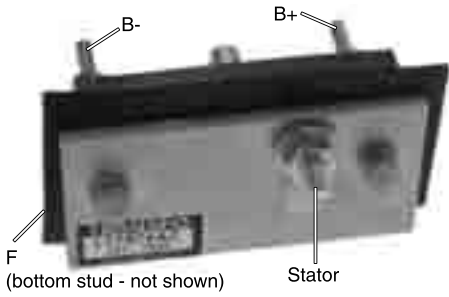
Features:

- Trio activated
- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

LEECE-NEVILLE

4400-4700J Series (cont'd.)



L77973AC Regulator

12 Volt, A-Circuit, 14.2 Vset

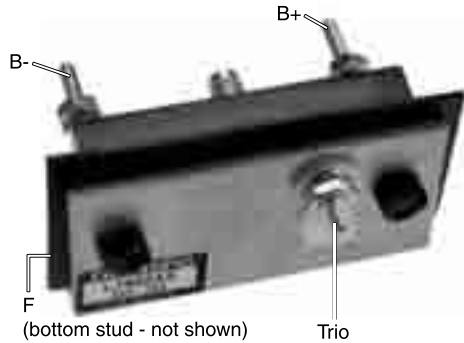
Same as L77973HD except...

Note: AC version of L77973HD.

Caution: Leaky diodes will hinder turn-on.

Features:

- Stator activated - no trio required
- Adjustable voltage



L78855S Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Leece-Neville Alternators

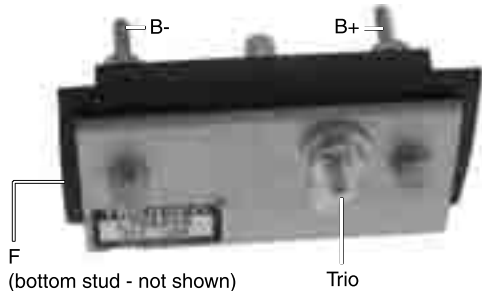
Replaces: Leece-Neville 78855

Unit Nos: Leece-Neville 4426J, 4626J

Lester Nos: 8343, 8344

Features:

- Adjustable voltage



L78935S Regulator

32 Volt, A-Circuit, 37.5 Vset

For: Leece-Neville Alternators

Replaces: Leece-Neville 78935, 99198

Unit Nos: Leece-Neville 4632J

Lester Nos: 8347

Features:

- Adjustable voltage

External Regulated



L5016 Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Leece-Neville External Regulated Alternators

Replaces: Leece-Neville 5016

Terminal ID: NEG-POS-FLD

Features:

- OE style case
- Adjustable voltage
- Field rating 5 amps



L5042 Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Leece-Neville External Regulated Alternators

Replaces: Leece-Neville 5042

Terminal ID: POS-NEG-FLD.

Features:

- OE style case
- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)



L5042HD
Regulator
24 Volt, A-Circuit, 27.5 Vset

Same as L5042 except...

Features:

- Heavy Duty
- OE style case
- Adjustable voltage



L5062
Regulator
32 Volt, A-Circuit, 37.5 Vset

For: Leece-Neville External Regulated Alternators

Replaces: Leece-Neville 5062

Terminal ID: POS-NEG-FLD

Features:

- OE style case
- Adjustable voltage
- Load dump protected



L5078
(Ref# 35-502)
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville External Regulated Alternators

Replaces: Leece-Neville 5078R

Terminal ID: NEG-POS-FLD

Features:

- OE style cast housing
- Load dump protection
- Adjustable voltage

Flange Mount Alternators



L95300S
Regulator
24 Volt, A-Circuit, 28.0 Vset

For: Leece-Neville Flange Mount Alternators

Replaces: Leece-Neville 95300

Unit Nos: Leece-Neville 3428JC, 3628JC

Features:

- Ignition activated
- High reliability military design

ALTERNATOR - REGULATORS (TRANSPO)

LEECE-NEVILLE

Flange Mount Alternators (cont'd.)



L99500S
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Leece-Neville Flange Mount Alternators

Replaces: Leece-Neville 99500

Unit Nos: Leece-Neville 3425JC, 3525JC, 3625JC, 3725JC

Features:

- High reliability military design



L99825S
Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Leece-Neville Flange Mount Alternators

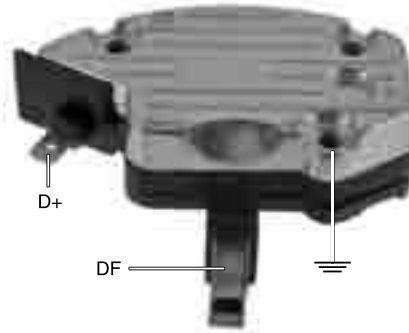
Replaces: Leece-Neville 99825

Unit Nos: Leece-Neville 3426JC, 3627JC

Features:

- High reliability military design

LUCAS



IL223-1

(Ref# 35-9209)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Lucas A127 Series IR/EF Alternators

Used On: Case, JC Bamford, Lister-Petters, Massey Ferguson, New Holland, Perkins

Replaces: Case K262266; Ford 84AB-10316-AA; Lucas 37701, 37703, 37705, 37707, 37707A, 54048473, 54048600, 54205986, 54206177, 54206448, 54206467, 54206645, 54206688, 54207336, 54208417, UCB148, UCB150, UCB151, UCB152;

Massey Ferguson 1865974-M1, 1897699-M91, 345773-M91, 3474604-M91, 3476714-M91; Perkins 28710252; Rover BAU4919, BAU5265, BAU5815, BAU5958, FBU2243, FBV2243, RTC5044, RTC5370, RTC5670

Unit Nos: Lucas 24145, 24156, 24157, 24158, 24161, 24169, 24198, 24199, 24200, 24202, 24203, 24206, 24207, 24208, 24215, 24230, 24231, 24255, 24257, 24264, 24271, 24276, 24287, 54022196, 54022226

Lester Nos: 12045, 12046, 12072, 12144, 12239

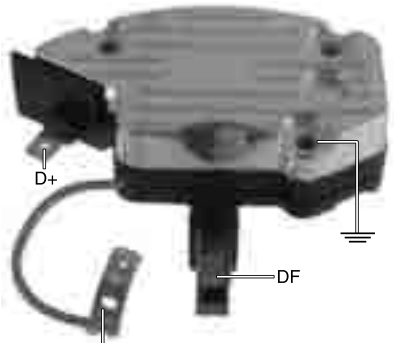
IL223B-1

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

Same as IL223-1 except...

Features:

- Heavy duty circuit



IL224-1

(Ref# 35-9210)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

For: Lucas A127 Series Alternators

Used On: Ford Tractor

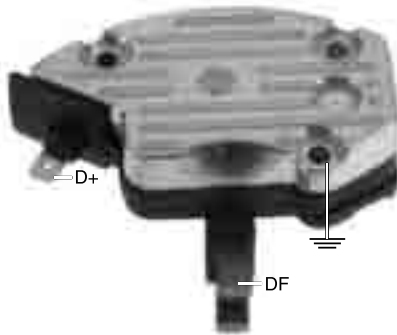
Replaces: Lucas 37735, UCB153

Unit Nos: Lucas 24256, 24273, 24274, 24277, 54022310, 54022336, 54022337, 54022481; Marelli 54022336D (cont'd.)

ALTERNATOR - REGULATORS (TRANSPO)

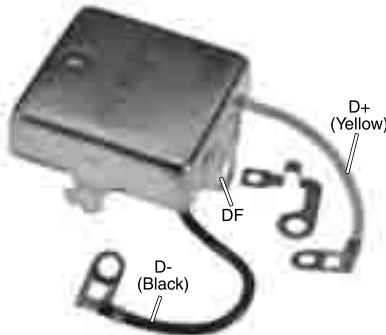
(cont'd.)

Caution: Battery sense through external thermistor on vehicle.
Do not apply full voltage (14V) to wire, will damage regulator.
Need 1/4 watt 200 ohm resistor between S-terminal wire (orange) to B+ to test.



IL225-1
(Ref# 35-9211)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.3 Vset

For: Lucas IR Alternators
Replaces: Lucas 28002, 84959, 54022415, UCB155
Unit Nos: Lucas 24299, 24406
Note: Similar to IL223, except IL223 is 12 volt version.



IL211-1
(Ref# 35-9200)
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Lucas 15, 16, 17, 18ACR Machine Sensing IR/EF Alternators
Used On: (1985-69) Lotus, Mercury, MG, Triumph; Ford Tractor, Massey Ferguson
Replaces: Lucas 37534, 37541, 37555, 37558, 37561, 37565, 37566, 37581, 37587, 37612, 37647, 37653, 37672, UCB100
Unit Nos: Lucas 23562, 563, 565, 566, 568, 569, 570, 572, 573, 575, 576, 577, 581, 582, 583, 584, 585, 589, 590, 591, 592, 593, 597, 598, 599, 600, 602, 603, 605, 606, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 622, 623, 624, 625, 626, 627, 629, 630, 631, 632, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 673, 674, 675, 676, 677, 678, 679, 682, 685, 685, 691, 692, 693, 694, 695, 696, 699, 700, 701, 703, 704, 705, 706, 707, 708, 709, 711, 712, 713, 714, 715, 716, 717, 718, 719, 721, 723, 724, 725, 726, 727, 728, 729, 730, 731, 734, 735, 736, 737, 738, 741, 742, 743, 751, 752, 753, 754, 755, 759, 760, 761, 762, 765, 766, 767, 768, 769, 770, 771, 773, 774, 775, 777, 778, 779, 780, 781, 782, 794, 799, 800, 801, 802, 808, 809, 810, 811, 816, 820, 822, 823, 824, 825, 826, 827, 828, 831, 837, 839, 840, 841, 842, (cont'd.)

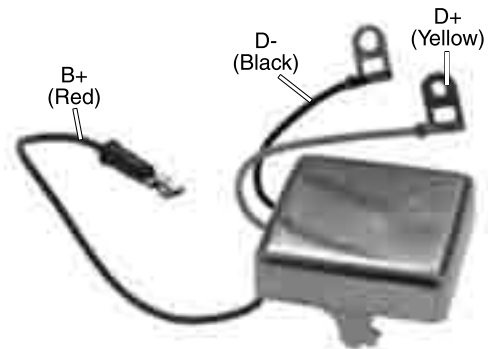
(cont'd.)

847, 848, 850, 851, 852, 853, 854, 855, 856, 857, 865, 871, 872, 873, 874, 878, 879, 880, 888, 889, 890, 891, 893, 896, 903, 904, 905, 906, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 943, 944, 945, 946, 947, 948, 949, 950, 961, 962, 963, 989, 990, 991, 994; 24012, 014, 019, 022, 048, 103, 108, 123, 139, 140

Lester Nos: 14013, 14014, 14029, 14030, 14037, 14013, 14014, 14029, 14030, 14037

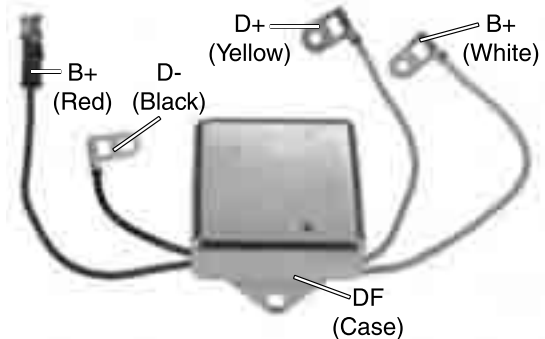
WAI Ref. Nos: 1-1372-01LU, 1-1375-01LU, 1-1378-01LU, 1-1551-01LU

Terminal ID: Black D-, Yellow D+, Case DF



IL213
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas 16-18 ACR Type, Battery Sensing IR/EF Alternators
Used On: Jaguar, MG, Triumph
Replaces: Lucas UCB112
Unit Nos: Lucas 23814
Terminal ID: Black D-, Yellow D+, Case DF, Red B+

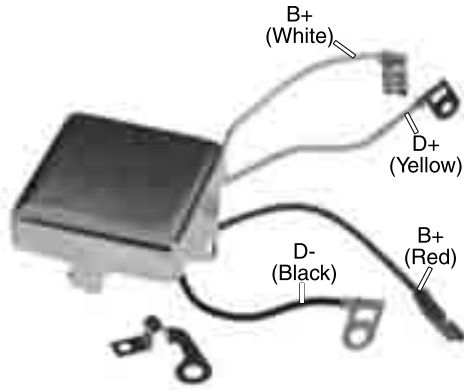


IL214
(Ref# 35-9201)
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas 16, 17, 18ACR Dual Sensing IR/EF Alternators
Used On: (1981-71) Austin, MG, Triumph
Replaces: Lucas 37582, 37590, 37595, 37602, 37635, 37648, 37649, 37650, UCB101, UCB104, UCB107
Unit Nos: Lucas 23697, 23702, 23739, 23740, 23745, 23747, 23748, 23750, 23758, 23795, 23796, 23797, 23804, 23805, 23807, 23814, 23817, 23818, 23843, 23844, 23845, 23860, 24029, 24030
Lester Nos: 13146, 13163, 14022, 14029, 14030, 14087, 14088
WAI Ref. Nos: 1-1372-01LU, 1-1377-01LU, 1-1378-01LU, 1-1379-01LU, 1-1381-01LU, 1-1383-01LU, 1-1552-01LU
Terminal ID: Black D-, Yellow D+, White B+, Case DF, RED B+

ALTERNATOR - REGULATORS (TRANSPO)

LUCAS (cont'd.)

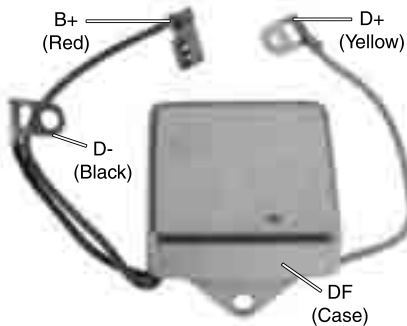


IL215
(Ref# 35-9203)

Regulator

12 Volt, A-Circuit, 14.2 Vset

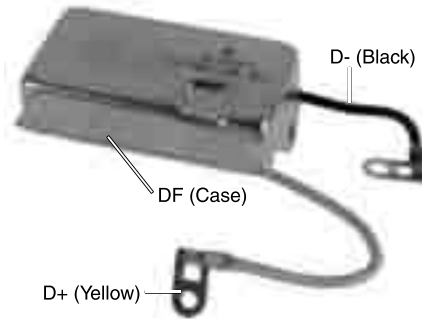
For: Lucas 18 ACR Type , Battery Sensing IR/EF Alternators
Used On: (1978-74) MG
Replaces: Lucas 37591, 37596, 37670, UCB105
Unit Nos: Lucas 23746, 23756, 23806, 23832, 23849, 23892
Lester Nos: 14050
WAI Ref. Nos: 1-1376-01LU
Terminal ID: Black D-, Yellow D+ White B+, Case DF, Red B+



IL217
Regulator

12 Volt, A-Circuit, 14.2 Vset

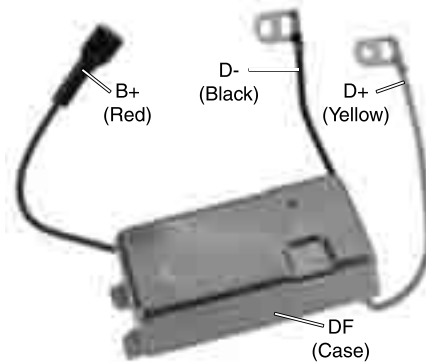
For: Lucas 14TR; 23, 25 ACR Machine Sensing IR/EF Alternators
Used On: (1981-71) Jaguar; Massey Ferguson
Replaces: Jaguar AAU-2870; Lucas 37579, 37584, 37611, 37613, 37652, 37654, 37678, 37680, UCB103, UCB109, UCB110, UCB121; Massey Ferguson 1894567-M1, 1897619-M1
Unit Nos: Lucas 23680, 686, 687, 690, 783, 784, 785, 786, 803, 833, 835, 838, 861, 862, 863, 864, 867, 868, 869, 876, 881, 882, 885, 886, 894, 895, 897, 898, 899, 900, 901, 902, 907, 908, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 951, 952, 953, 954, 955, 956, 957, 958, 964, 967, 968, 974, 995; 24013, 015, 016, 017, 018, 031, 032, 033, 044, 045, 073, 124
Lester Nos: 13164, 14023, 14024, 14050, 14054, 14056
WAI Ref. Nos: 1-1315-01LU, 1-1316-01LU, 1-1322-01LU, 1-1323-01LU, 1-1373-01LU, 1-1376-01LU
Terminal ID: Black D-, Yellow D+, Case DF, Red B+



IL219-1
(Ref# 35-9207)
Regulator

12 Volt, A-Circuit, 14.3 Vset

For: Lucas A133 Series, Machine Sensing IR/EF Alternators
Used On: (1990-80) Jaguar, Land Rover, Rover, Triumph; Case, Ford Tractor, JC Bamford, Massey Ferguson
Replaces: Lucas 37624, 37636, 37640, 37661, 37666, 37667, 37709, UCB129, UCB133, UCB134
Unit Nos: Lucas 23971, 24037, 24061, 24065, 24087, 24101, 24102, 24142, 24173, 24229, 24238, 24250
Lester Nos: 12038, 12040, 12041, 12047, 13164, 13436, 14092, 14095, 14561
WAI Ref. Nos: 1-1317-01LU, 1-1319-01LU, 1-1324-01LU, 1-1373-01LU, 1-1374-01LU, 1-1841-01LU
Terminal ID: Black D-, Yellow D+, Case DF

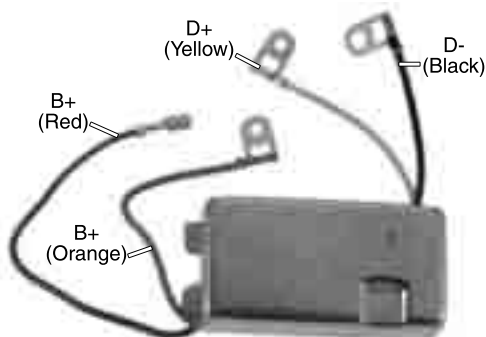


IL220
(Ref# 35-9208)
Regulator

12 Volt, A-Circuit, 14.2 Vset

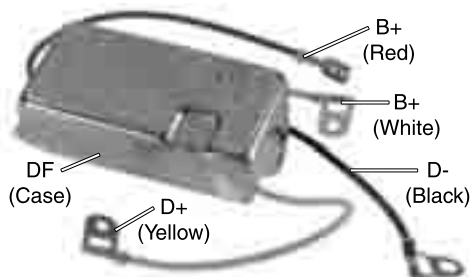
For: Lucas 25ACR, A133 Battery Sensing 65-75A IR/EF Alternators
Used On: Case Tractors, Triumph
Replaces: Lucas 37621, 37659, 37684, UCB126
Unit Nos: Lucas 23996, 24011, 24049, 24096, 24115
Lester Nos: 12143, 13163
WAI Ref. Nos: 1-1381-01LU
Terminal ID: Black D-, Red B+, Yellow D+, Case DF.

ALTERNATOR - REGULATORS (TRANSPO)



IL221
Regulator
12 Volt, A-Circuit, 14.3 Vset

For: Lucas IR/EF Alternators
Used On: Ford-New Holland
Replaces: Lucas 37625, 37662, 37662B, 37687, 37702, UCB130, UCB140, UCB149
Unit Nos: Lucas 24071, 24072, 24186, 24191, 24210, 24211
Terminal ID: Black D-, Orange B+, Red B+, Yellow D+, Case DF
CAUTION: Senses through thermistor on vehicle. DO NOT test with full voltage, need 1/4 watt, 200 ohm resistor to test.



IL222
Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Lucas A133, 15TR Battery Sensing IR/EF Alternators
Used On: (1981-80) Triumph
Replaces: Jaguar AEU-1819, BAU-4800; Lucas 37620, 37623, 37658, 37660, 37685, UCB125, UCB128, UCB136, UCB138
Unit Nos: Lucas 23970, 23998, 23999, 24010, 24027, 24028, 24035, 24055, 24056, 24079, 24110, 24183, 24184
Lester Nos: 13145, 13146
WAI Ref. Nos: 1-1383-01LU, 1-1384-01LU
Terminal ID: Black D- White B+, Red B+, Yellow D+, Case DF

MAGNETON



MP291
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Magneton Alternators
Used On: Ingersoll Rand, John Deere, Skoda
Replaces: Magneton 443-930-134-291, 443-930-136-111, 443-930-136-131
Unit Nos: Magneton 443-113-516-610, 611, 614, 620, 623, 636, 660, 662, 668, 670, 673, 700, 701, 710, 711, 714, 720, 721, 730, 731, 733, 734, 738, 740, 741, 743, 744, 748, 750, 752, 760, 761, 762, 764, 765, 780, 781; 443-115-516-661, 443-413-516-630; Skoda 004003211V, X; 004003214, V, X; 115901010, 11, 12
Lester Nos: 12140



MP293
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.4 Vset

For: Magneton Alternators
Used On: Liaz Trucks
Replaces: Magneton 443-930-134-731, TR-20
Unit Nos: Magneton 443-113-516-830, 831, 832, 833, 836, 850, 851, 852, 856

ALTERNATOR - REGULATORS (TRANSPO)

MAGNETON (cont'd.)



MP541

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.0 Vset

For: Magnetron Alternators

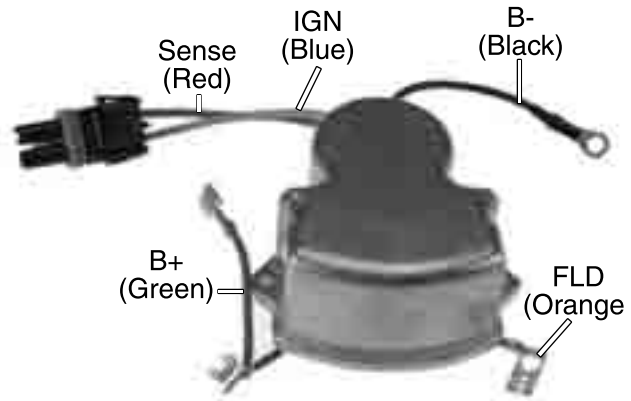
Used On: Skoda

Replaces: Magnetron 443-930-134-541

Unit Nos: Magnetron 443-113-516-630, 631, 632, 650, 653

Features:

- Suppression diode



IY786

(Ref# 35-8601)

Regulator

12 Volt, A-Circuit, 14.6 Vset

For: Mando IR/EF Alternators

Used On: Bobcat

Unit Nos: Mando AR150CA

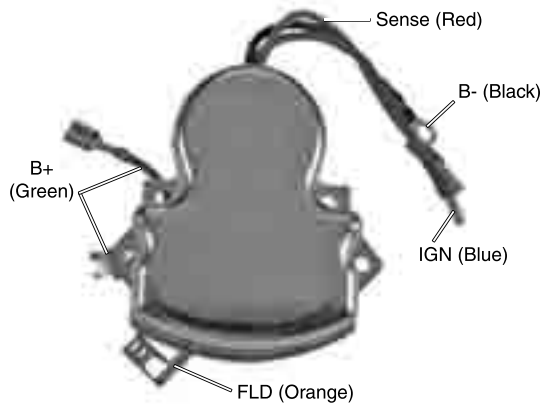
Terminal ID:

Black B-, Green B+, Red Sense, Blue Ignition, Orange Field

Features:

- Adjustable voltage

MANDO



IY785

(Ref# 35-8600)

Regulator

12 Volt, A-Circuit, 14.6 Vset

For: Mando IR/EF Alternators

Used On: Mercury Marine

Replaces: Mando 3ER1071, Mercury Marine 42785

Unit Nos: Mando AR150; Mercury Marine 92497A3

Lester Nos: 12174

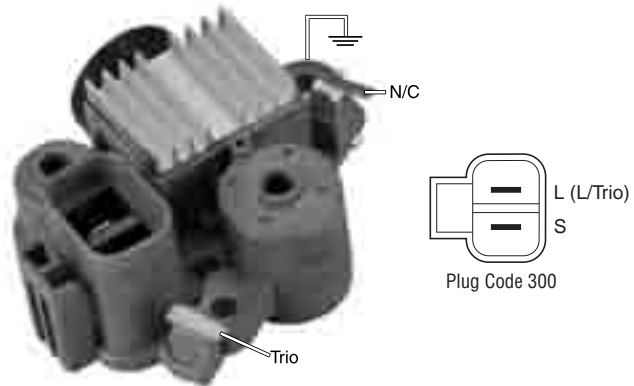
WAI Ref. Nos: 1-1947-01MD

Terminal ID:

Black B-, Green B+, Red Sense, Blue Ignition, Orange Field

Features:

- Adjustable voltage



IY028

(Ref# 35-8603)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mando 90A IR/IF Alternators

Used On: (2003-00) Hyundai

Replaces: Hyundai 37370-22600, Mando TA500C09001

Unit Nos: Hyundai 37300-22600, Mando AB180128

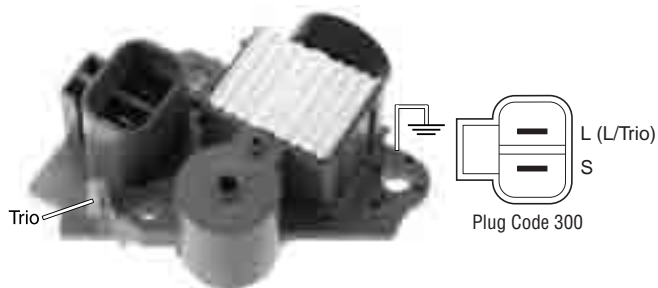
Lester Nos: 13839

WAI Ref. Nos: 1-2378-01MD

Features:

- Trio Activated

ALTERNATOR - REGULATORS (TRANSPO)



IY058

(Ref# 35-8604)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mando 90A IR/IF Alternators

Used On: (2001-97) Hyundai

Replaces: Mando TA500C02401

Unit Nos: Hyundai 37300-22200, Mando AB190058

Lester Nos: 13702

WAI Ref. Nos: 1-2059-01MD

Components:

TRIO58 Repair Circuit

Features:

- Trio activated



IY903

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mando 90A IR/IF Alternators

Used On: Bobcat

Unit Nos: Bobcat 6675292, 6678205;

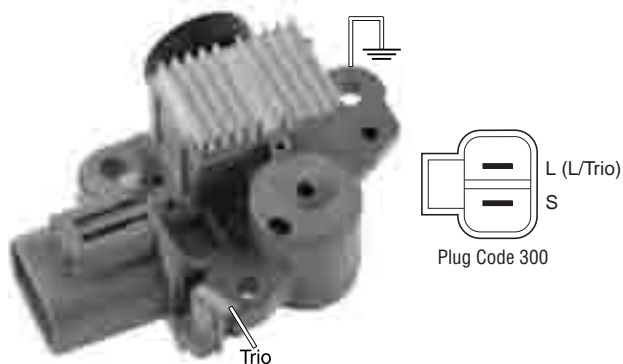
Valeo TA000A48401, TA000A48402

Lester Nos: 12390

WAI Ref. Nos: 1-2466-01MD

Features:

- Trio Activated



IY094

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mando 70A IR/IF Alternators

Used On: (2004-98) Kia

Unit Nos: Kia OK2A2-18-300, Mando AB170094

Lester Nos: 13785

WAI Ref. Nos: 1-2202-01MD

Features:

- Trio Activated



IY794

Regulator

12 Volt, A-Circuit, 14.5 Vset

For: Mando 75-80A IR/IF Alternators

Used On: (1997-94) Kia

Unit Nos: Kia OK201-18-300B, OK24A-18-300A,

OK29T-18-300; Mando AB170036, AB170066, AB180092

Lester Nos: 13523, 13730, 13731

WAI Ref. Nos: 1-1873-01MD, 1-2104-01MD, 1-2105-01MD

ALTERNATOR - REGULATORS (TRANSPO)

MANDO (cont'd.)



IY796

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Mando IR/IF Alternators

Used On: Hyundai Atos

Unit Nos: Hyundai 37300-02503; Mando AB160108; Valeo 439384

Features:

- Field diode circuit
- Trio activated



IY422

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

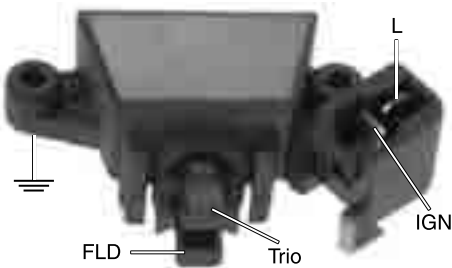
For: Mando IR/EF Alternators

Used On: Hyundai Bus 2.5L (Diesel)

Unit Nos: Hyundai 37300-42204

Features:

- Light activated



IY510

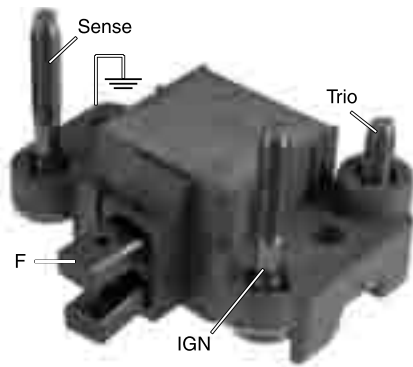
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.6 Vset

For: Mando IR/IF Alternators

Used On: Kia Tico (non-USA)

Unit Nos: Hyundai 37300-32510, Mando AR175AA



IM288

(Ref# 35-8602)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.5 Vset

For: Mando IR/EF Alternators

Used On: Bobcat, Clark, Mercruiser, Tennant Streetsweepers

Replaces: Melroe 6659393, Mercury Marine A11883

Unit Nos: Mando A000B0431

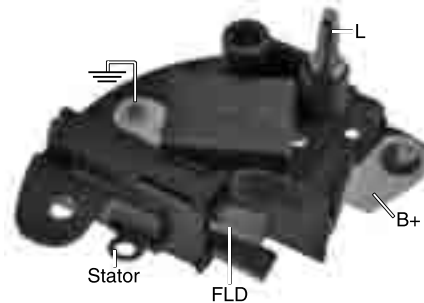
WAI Ref. Nos: 1-2308-31MD

Dim: 10-24 Trio Terminal

10-24 Ignition Terminal

10-24 Sense Terminal

MARELLI



IX121

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.4 Vset, w/ LRC

For: Marelli IR/IF Alternators

Used On: Fiat

Replaces: Marelli 5812005300, 5812005600, 83611361, 85561291, 85561291010, RTM121A

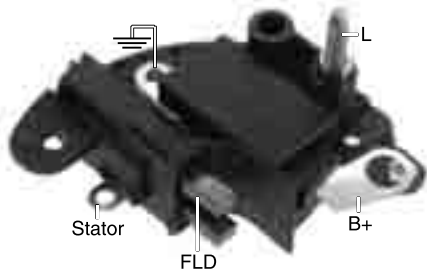
Unit Nos: Marelli 63320200, 63320203, 63320204, 63320219, 63320227, 63320238, 63321205, 63321234, 63321235, 63321281

Note: L-terminal is an output terminal

Features:

- Soft start

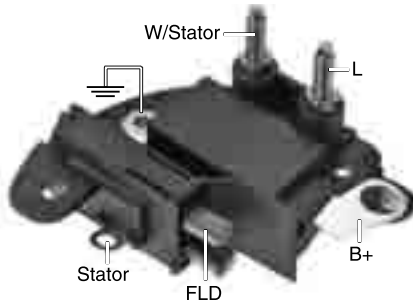
ALTERNATOR - REGULATORS (TRANSPO)



IX122

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset, w/ LRC

For: Marelli IR/IF Alternators
Used On: Land Rover
Replaces: Marelli RTM151A
Unit Nos: Marelli A1271
Note: L-terminal is an output terminal

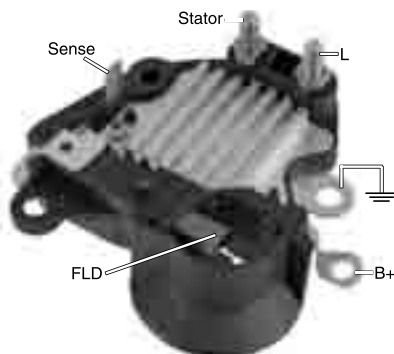


IX123

(Ref# 35-9306)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

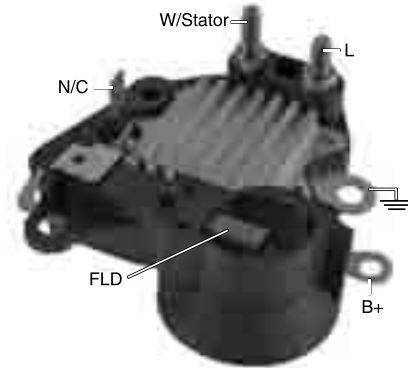
For: Marelli IR/IF Alternators
Used On: (1998-95) Land Rover
Replaces: Marelli 83617181, 85561921, RTM153B
Unit Nos: Marelli 63321240, 63321346, 63341240
Lester Nos: 13726
WAI Ref. Nos: 1-2186-01MM
Note: L-terminal is an output terminal



IX127

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Marelli IR/IF Alternators
Used On: Allis Chalmers, Ford Tractor
Replaces: Fiat 83614251, 99946065; Marelli 24TR, 58120056, RTT121A
Unit Nos: Marelli 54022437, 54022443B, 54022510, 54022536, 54022591, 54022646, 54022647, 54022651, 63321285, 63324233, 63324286, 63324322, 63324374, 63324380, 63324390, 64022656, 64022656
Lester Nos: 12094
WAI Ref. Nos: 1-2454-01MM
Features:
 • Soft start

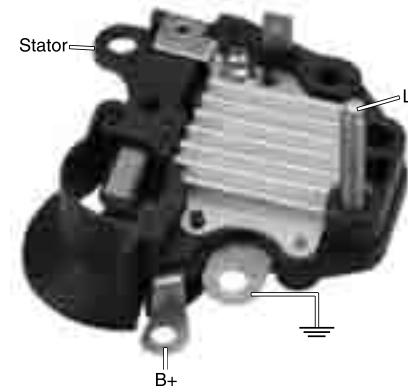


IX128

(Ref# 35-9305)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Marelli IR/IF Alternators
Used On: (1995-91) Land Rover
Replaces: Marelli 28010B, 28018A, Rover STC985
Unit Nos: Marelli 54022459, 54022469, 54022470, 54022606, 63320228, 63320289, 63320312, 63320313, 63320314, 63320315, 63321243, 63321358, 63322469, 63340003, 63340005, 63341243
Lester Nos: 13696, 13697, 13725
WAI Ref. Nos: 1-2003-01MM, 1-2004-01MM, 1-2128-01MM
Note: Long stator bolt
Features:
 • Soft start



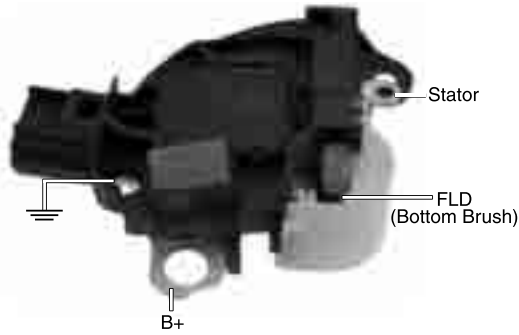
IX129

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset

For: Marelli Alternators
Used On: Alpha Romeo, Fiat, Lancia
Replaces: Marelli 28017, 28017D, 54209305, 83614251, RTM24TR
Unit Nos: Marelli 63321227, 63321241, 63321246, 63321253, 63321299, 63321313, 63321397, 63321405, 63321412
Dim: M6 x 1.0 D+ Post
Note: With Capacitor, Sense Spade-Terminal

ALTERNATOR - REGULATORS (TRANSPO)

MARELLI (cont'd.)



IX131

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, AS-RC-LI Terminals, 14.0 Vset

For: Marelli IR/IF Alternators

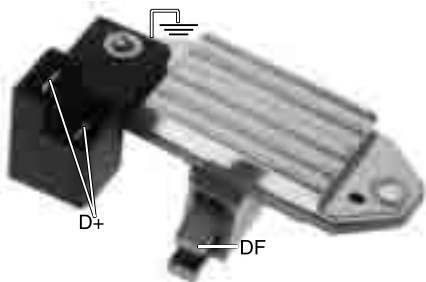
Used On: Ford Focus

Replaces: Marelli 85582601010

Unit Nos: Ford 98AB-10300-GD, -GE, -GF;
Marelli 63321678, 63321679, 63321711, 63321746, 63341679

Features:

- Computer controlled regulation voltage



IX110-1

(Ref# 35-9304)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.4 Vset

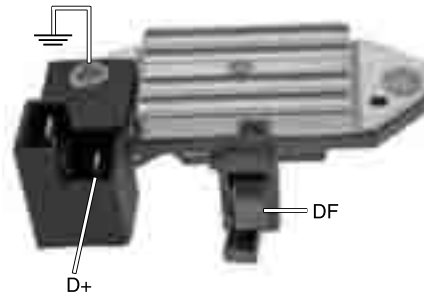
For: Marelli IR/EF Alternators

Used On: Fiat-Allis, Lister-Petter

Replaces: Fiat 9939826, 9941193; Marelli 58120022,
79707161, 79707481, 83600151, RTT119AC

Unit Nos: Marelli 63300010, 001, 002, 003, 004, 005, 006, 007,
008, 010, 011, 012, 020, 021, 022, 023, 024, 028, 030, 031,
032, 034, 035, 037, 040, 042, 044, 045, 046, 047, 048, 049,
050, 051, 053, 054, 055, 056, 058, 063, 073, 074, 082, 083,
091, 094, 096, 097, 102, 105, 110; 63321000, 001, 002, 003,
004, 005, 006, 007, 008, 009, 010, 011, 013, 015, 016, 017,
024, 027, 028, 029, 031, 033, 035, 036, 037, 039, 040, 041,
042, 044, 045, 058, 060, 061, 062, 067, 068, 070, 071, 072,
073, 077, 078, 079, 080, 082, 083, 084, 086, 087, 088, 090,
091, 095, 096, 097, 098, 099, 100, 101, 103, 106, 107, 108,
109, 111, 112, 113, 116, 117, 123, 126, 129, 137, 138, 146,
149, 150, 151, 152, 153, 154, 155, 156, 157, 159, 165, 167,
169, 170, 171, 172, 173, 174, 175, 176, 183, 188, 189, 190,
191, 199, 409, 410

Lester Nos: 12026, 12280, 12281



IX111-1

(Ref# 35-9309)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 28.5 Vset

For: Marelli IR/EF Alternators

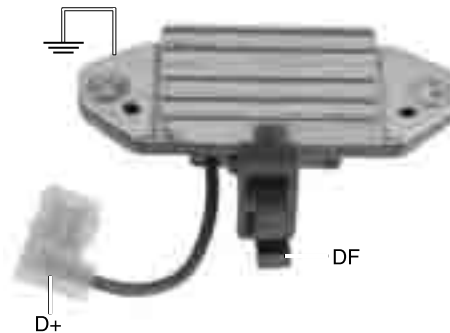
Used On: Fiat Tractors

Replaces: Fiat 8190407; Marelli 79707441, RTT119B

Unit Nos: Fiat 4808519;

Marelli, 63320025, 052, 057; 63320118, 046, 047, 048, 049,
050, 052, 055, 063, 102, 104, 110

Lester Nos: 12026



IX112-1

Regulator / Brush Holder Assy.

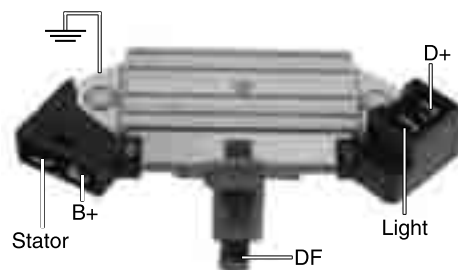
12 Volt, A-Circuit, 14.7 Vset

For: Marelli Alternators

Used On: Fiat

Replaces: Marelli 83603151010

Dim: 50mm Lead Length



IX118-1

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.5 Vset

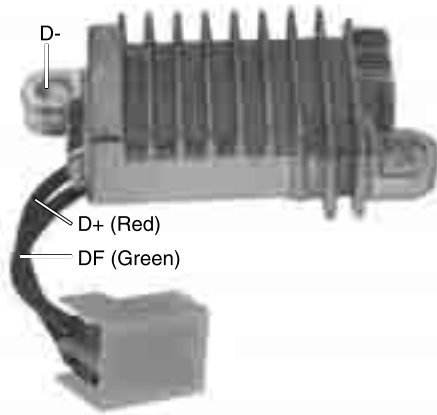
For: Marelli Alternators

Used On: Renault

Replaces: Marelli 64808182, 184, 241, 243; 83607041, 111;
RTT118C, E, J

Unit Nos: Marelli 63320027, 63320039, 63320041, 63320042,
63320046, 63321057, 63321081, 63321083, 63321084,
63321096

ALTERNATOR - REGULATORS (TRANSPO)



IX106
(Ref# 35-9300)
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Marelli IR/EF Alternators

Used On: (1980-75) Fiat, Lancia

Replaces: Fiat 4475112, 4721593;

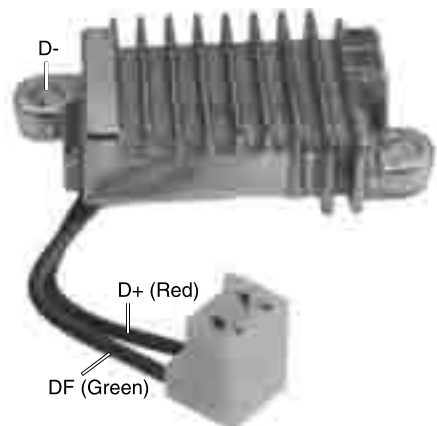
Marelli 64808106, 64808140, 64808143, RTT114A

Unit Nos: Marelli 62307526, 63300905, 63300925; 63305100, 01, 02, 03, 20, 22, 23, 30, 31, 50; 63305206, 26, 36, 46, 56, 70; 63305310; 63305400, 01, 02, 03, 04, 05, 06, 20, 23, 25, 26, 30, 31, 40, 42, 50; 63305506, 26, 36, 56, 66; 63305621; 63305700, 01, 02, 11, 12, 20, 30, 31, 32; 63305800, 01, 02, 20, 21, 22, 32, 42, 62; 63305900; 63306700, 01, 21, 30; 63307100, 01, 03, 05, 06, 07, 08, 20, 23, 25, 26, 27, 28, 30, 31, 50, 60; 63307206, 07, 08, 18, 27, 36, 46, 56, 70; 63307310; 63307400, 01, 02, 03, 05, 06, 07, 08, 09, 10, 20, 23, 25, 26, 27, 28, 29, 30, 31, 41, 42, 50, 52, 60, 70, 90; 63307503, 06, 08, 09, 18, 23, 26, 36, 56, 66; 63307602, 04, 22, 24, 34; 63307801, 02, 04, 21, 22, 24, 32, 41, 42, 51, 62, 72; 63308701, 21, 31

Lester Nos: 14057, 14293, 14294, 14558

WAI Ref. Nos: 1-1338-01MM, 1-1343-01MM

Terminal ID: Red D+, Green DF, Case D-



IX108
(Ref# 35-9301)
Regulator

24 Volt, A-Circuit, 27.5 Vset

For: Marelli IR/EF Alternators

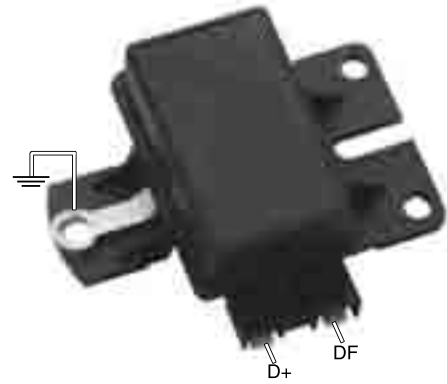
Used On: Fiatallis

Replaces: Fiat 9983355; Marelli 64808141, RTT114B

Unit Nos: Marelli 63306000, 63306300, 63306360, 63306369, 63306370, 63306379, 63306380, 63306389, 63306399, 63308300, 63308310, 63308330, 63308340, 63308350, 63308360, 63308370, 63308380, 63308399

Lester Nos: 12026

Terminal ID: Red D+, Green DF, Case D-



IX4004
(Ref# 35-9307)
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Marelli ER/EF Alternators

Used On: (1977-70) Fiat, Lancia

Replaces: Fiat 4074763, 4095889, 4095898, 4191122,

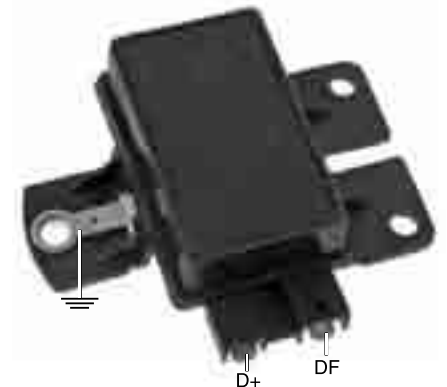
4202969, 4296100, 5011933;

Marelli 63408004, 63408005, 63408007, 63472000, 64808020, 64808101, 64808103, RTT110B

Unit Nos: Marelli 63300515, 63303001, 030, 041, 3061, 191, 213, 220, 222, 223, 240, 280, 300, 311, 320, 331, 350, 360, 380, 391, 420, 429, 520, 530, 550, 570; 63304800, 830, 840, 870, 880, 890; 63305020

Lester Nos: 13075, 13092, 13131, 13132, 13136, 14045

WAI Ref. Nos: 1-1337-01MM, 1-1339-01MM, 1-1340-01MM, 1-1345-01MM



IX4005
(Ref# 35-9308)
Regulator

24 Volt, B-Circuit, 27.5 Vset

For: Marelli ER/EF Alternators

Used On: Fiat-Allis

Replaces: Fiat 4087071, 4112453, 4205243, 4215948,

4288170, 4296659, 4474531, 4701050, 4754010;

Marelli 63408305, 63408306, 64808102, 64808108, RTT110C, J

Unit Nos: Fiat 4152610;

Marelli 63301001, 031; 63304002, 003, 020, 021, 022, 023, 040, 050, 075, 079, 081, 082, 083, 087, 090, 100, 120, 201, 202, 221, 222, 231, 400, 401, 420, 430, 431, 440, 460, 490

Lester Nos: 12027

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

External Regulated



IM951
Regulator

12 Volt, B-Circuit, IG-F-L-A-N-E (A) Terminals, 14.3 Vset

For: Mitsubishi ER/EF Alternators

Used On: (1981-72) Ford, Mazda

Replaces: Ford D27Z-10316-A, GRE-301;

Mazda 0259-18-391, 0259-18-391B;

Mitsubishi Motors MD001810, MD601810

Unit Nos: Ford D47Z-10346-A;

Mazda 0453-18-300; 0483-18-300, A; 0527-18-300, A;

0707-18-300, 3936-18-300, 8317-18-300;

Mitsubishi A1T20572, A1T20574, A1T21377, A1T30471,

A1T30477, A2T11173, A2T20971, AG2050T, AG2050T15,

AH2035H7, AH2035T, AH2035T2, AH2035T4, AH2040H1,

AH2040H7, AP2040T

Lester Nos: 14194, 14196

WAI Ref. Nos: 1-1147-01MI, 1-1148-01MI

Features:

- Solid state



IM952
Regulator

12 Volt, B-Circuit, IG-F-L-A-N-E Terminals, 14.3 Vset

For: Mitsubishi ER/EF Alternators

Used On: (1978-71) Dodge, Plymouth

Replaces: Mazda 0259-18-391AB, 8242-18-391, 8424-18-391,
D272-10-316A;

Mitsubishi Motors MD001811, MD001812, MD001821,

MD009080, MD011810, MD011811, MD011812

Unit Nos: Mitsubishi A1T00872, A1T00873, A1T22074,

A2T12271, A2T15371, A2T15372, A2T15871, A2T16071,

A2T16171, A2T21571, A2T22171, A2T22177, AH2035M4,

AH2045G1, AH2045K, AH2045K1, AH2050G1, AH2240L1,

AH2250M1, AH2250M7, AR2115, AR2115Z3;

Mitsubishi Motors MD003512, MD003513, MD007516,

MD017645, MD021651, MD021652, MD021660, MD021668,

MD021669, MD025651, MM317660

Lester Nos: 12132, 12137, 14199, 14234, 14237

WAI Ref. Nos: 1-1480-01MI, 1-1481-01MI, 1-1482-01MI

Features:

- Solid state



IM954
Regulator

12 Volt, B-Circuit, IG-F-L-A-N-E (A) Terminals, 14.3 Vset

For: Mitsubishi ER/EF Alternators

Used On: (1981-72) Ford, Mazda

Replaces: Ford D79Z-10316-A, D97Z-10316-A, GRE-542;

Mazda 0259-18-391B, 0453-18-391

Unit Nos: Ford D47Z-10346-A;

Mazda 0453-18-300, A; 0483-18-300, A; 0527-18-300, A;

0707-18-300; 1011-18-300, A; 1757-18-300, A; 3590-18-300A,

3936-18-300, 8248-18-300, 8317-18-300, 8527-18-300,

8735-18-300, 8871-18-300, 8914-18-391;

Mitsubishi A1T20572, A1T20574, A1T21377, A1T30471,

A1T30477, A2T11173, A2T20971, A2T20972, A2T22077,

A2T30571, A2T30591, A3T31071, A3T31074, A3T31091,

A4T15171, AG2050T, AG2050T15, AG2050T16, AH2035H7,

AH2035T, AH2035T2, AH2035T4, AH2040H1, AH2040H7,

AH2063H1, AH2063H21, AH2063H4, AH2063T, AH2250H7,

AH2255H1, AH2255H21, AP2040T

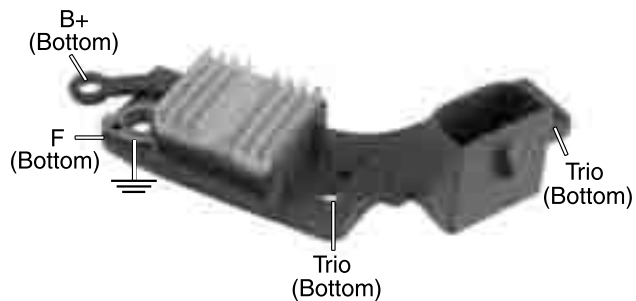
Lester Nos: 14194, 14196, 14207

WAI Ref. Nos: 1-1147-01MI, 1-1148-01MI, 1-1158-01MI

Features:

- Solid state

Internal Regulated



IM840
(Ref# 35-8350)
Regulator

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi 215A IR/EF Alternators

Used On: Ford Ambulance, EMV

Replaces: Ford F5PZ-10334-A (regulator stamped 304)

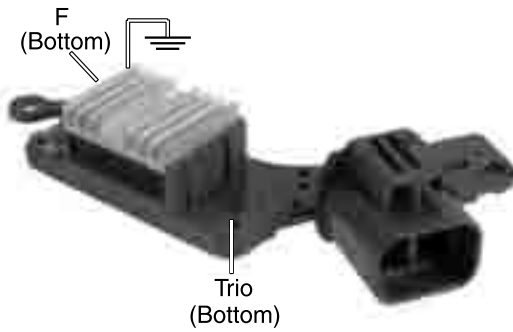
Unit Nos: Ford F5UU-10300-CA, F5UZ-10346-CA;

Mitsubishi A8TU0091

Lester Nos: 12075

WAI Ref. Nos: 1-1929-01MI

ALTERNATOR - REGULATORS (TRANSPO)



IM843
Regulator

24 Volt, A-Circuit, S-L Terminals, 28.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Mitsubishi Motors Industrial, Fuso Truck

Replaces: Mitsubishi Motors ME701302;

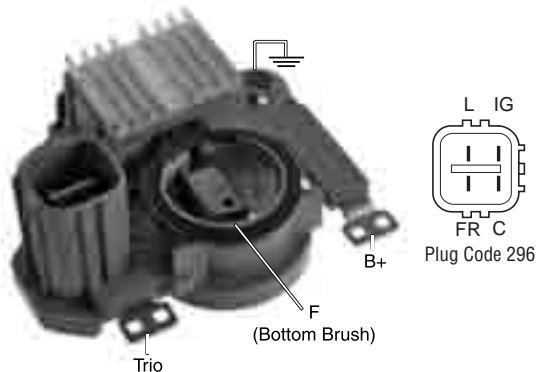
Mitsubishi A866X26070, A866X26072

Unit Nos: Mitsubishi A4T40289, A4T40386, A4T40389, A4T70078, A4T70086, A4T70099, A4T70186, A4T70189, A4T95099, A4TU3085, A4TU3088, A4TU3186, A4TU3586, A9TU3099, A9TU3199;

Mitsubishi Motors ME011886, ME017632, ME077788, ME077789, ME077790, ME077869, ME092899, ME093245, ME093246, ME093256, ME151217, ME151974, ME160917, ME160918, ME163230

Components:

TRI843 Repair Circuit



IM850
(Ref# 35-8348)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, IG-C-L-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2001-96) Acura, Honda

Replaces: Honda 31150-P2E-A01; Mitsubishi 3177203J

Unit Nos: Honda 31100-P2E-A01, 31100-P2E-A02, 31100-P73-A01; Mitsubishi A5TA0991, ZC; A5TA3591;

Mitsubishi Motors ME10997D

Lester Nos: 13649, 13762

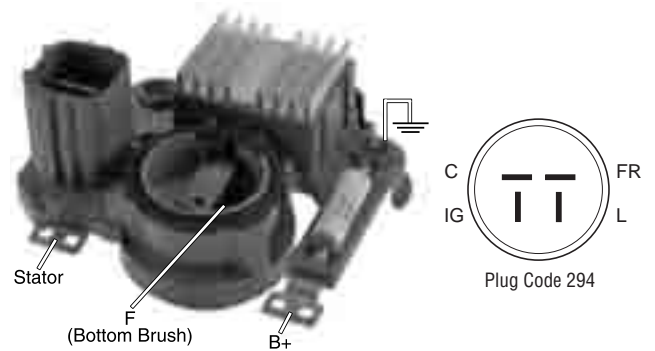
WAI Ref. Nos: 1-2094-01MI, 1-2195-01MI

Dim: 24mm ID Slip Ring Cover

Note: For stator activated version use IM853.

Features:

- Trio activated



IM853

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, IG-C-L-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2000-99) Honda

Replaces: (regulator stamped 438)

Unit Nos: Honda 31000-PEJ-004, 31100-PEJ-004, AHGA35; Mitsubishi A5TA4591

Lester Nos: 13649

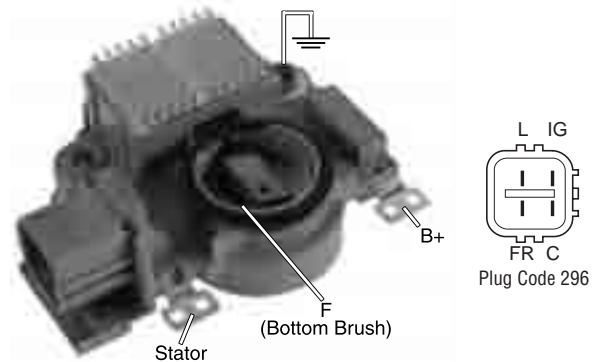
WAI Ref. Nos: 1-2094-01MI

Dim: 24mm ID Slip Ring Cover

Note: For trio activated version use IM850.

Features:

- Stator activated



IM851

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, IG-C-L-FR Terminals, 14.6 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2005-01) Acura, Honda

Replaces: (regulator stamped 487, 495)

Unit Nos: Honda 31100-PLM-A01, -A02; 31100-PND-004;

Mitsubishi A2TB7591; A5TA7091, ZC

Lester Nos: 13893, 13966

WAI Ref. Nos: 1-2509-01MI, 1-2530-01MI

Dim: 24mm ID Slip Ring Cover

Note: With capacitor

Components:

TRI851 Repair Circuit

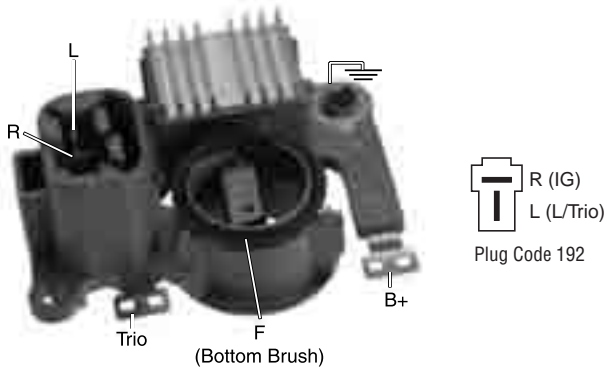
Features:

- Soft start
- Stator activated

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM290

(Ref# 35-8351)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-R Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators

Used On: Hyster, Sumitomo Yale, Yale Lift Trucks

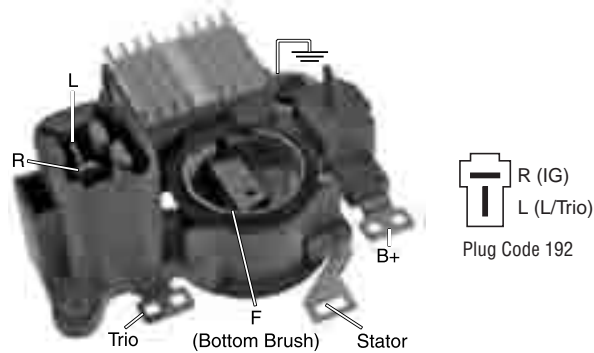
Replaces: Mazda S5SN-18-W70, Mitsubishi A866X26172, Mitsubishi Motors MD618845

Unit Nos: Mitsubishi A1T06391, A1T06672, A1T06791, A1T06891, A1TA0091, A1TA0291, A1TA0491, A1TA0591, A1TA0691, A1TA0791, A7T03277

Lester Nos: 12138

WAI Ref. Nos: 1-1960-01MI

Dim: 24mm ID Slip Ring Cover



IM293

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-R Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators

Used On: Clark Forklifts, Ford New Holland Tractors

Replaces: Mitsubishi Heavy Ind 32A68-10200 (regulator stamped 284)

Unit Nos: Ishikawajima 185046320; Mitsubishi Heavy Ind 32A68-0030L; Mitsubishi A7T03877, A7TA0477

Lester Nos: 12077

WAI Ref. Nos: 1-2480-01MI

Dim: 24mm ID Slip Ring Cover



IM401

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, S-L Terminals, 28.5 Vset

For: Mitsubishi IR/EF Alternators

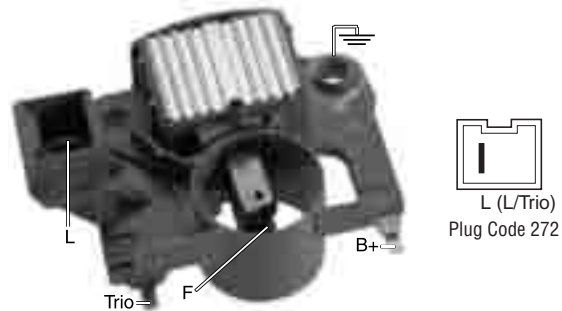
Used On: Kubota

Replaces: (regulator stamped 401)

Unit Nos: Mitsubishi A2TA8277

Features:

- Trio excited
- Lamp activated



IM211

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Peugeot (Europe)

Replaces: Mitsubishi A866X14370

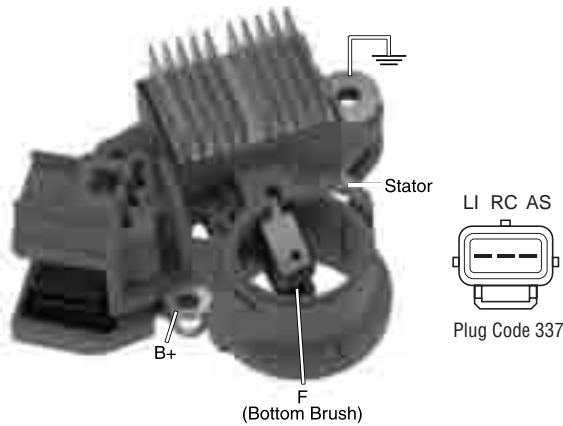
Unit Nos: Citroen 95624961, 95632024, 95632727, 95638817; Mitsubishi A1T02674, D; Peugeot 57052J

Dim: 26mm ID Slip Ring Cover

Components:

TRI211 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)



IM529

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, AS-RC-LI Terminals, 14.0 Vset

For: Mitsubishi 200A IR/IF Alternators

Used On: (2005-03) Ford w/ Police Option

Replaces: Mitsubishi A866T52970 (regulator stamped 529)

Unit Nos: Ford 4W73-10300-AC, 4W7Z-10346-AC;

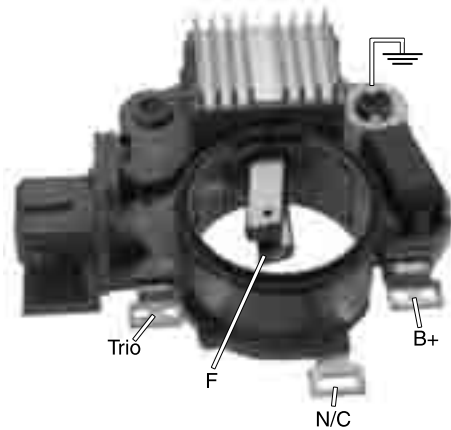
Mitsubishi A4TJ0181, ZC

Lester Nos: 11026

WAI Ref. Nos: 1-2514-11MI

Dim: 24mm ID Slip Ring Cover

Note: PCM controlled regulation voltage



IM757

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: Ford Transit (Europe)

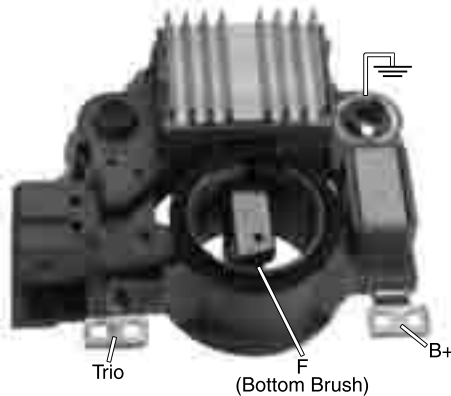
Replaces: Mitsubishi A866X40371

Unit Nos: Ford 98VB-10K359-BA, -BB, -BC;

Mitsubishi A3TN1791

WAI Ref. Nos: 1-2613-01MI

Dim: 36mm ID Slip Ring Cover



IM358

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, DF-L Terminals, 14.4 Vset

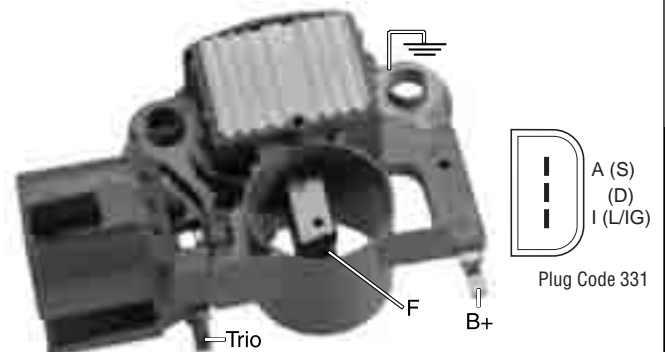
For: Mitsubishi IR/IF Alternators

Used On: Ford (Europe)

Unit Nos: Ford 97MF-10300-AA, -AB; Mitsubishi A5TA2591

Features:

- Trio activated



IM268-1

(Ref# 35-8313)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1990-88) Ford, Mercury

Replaces: Ford E8PZ-10316-B, GRE-793;

Mitsubishi A866X13970, A866X13971

(regulator stamped: 13970, 13971)

Unit Nos: Mitsubishi A3T01596, A3T01598

Lester Nos: 13188, 13190

WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI

Dim: 26mm ID Slip Ring Cover

Note: Similar to IM272 except IM272 has 30mm ID slip ring cover.

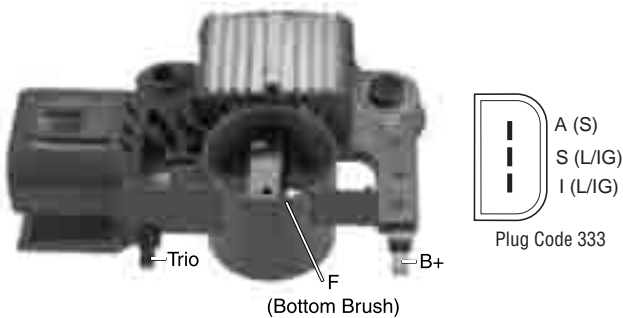
Components:

TR1268 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM270

(Ref# 35-8316)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1988) Ford

Replaces: Ford E8PZ-10316-A, GRE-792; Mitsubishi A866X14070, A866X14072 (regulator stamped: 14070)

Unit Nos: Mitsubishi A3T01496

Lester Nos: 13189

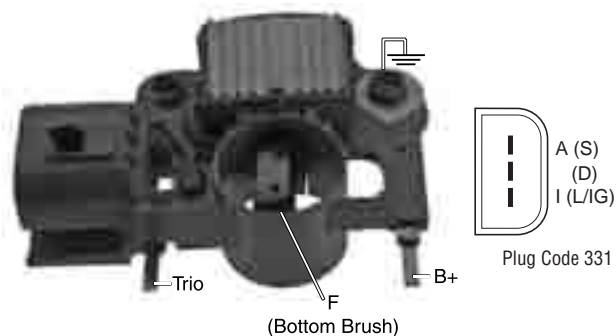
WAI Ref. Nos: 1-1182-01MI

Dim: 26mm ID Slip Ring Cover

Components:

38-8305 Brush

TRI270 Repair Circuit



IM272

(Ref# 35-8319)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-89) Ford, Mercury

Replaces: Ford E9PZ-10316-B, GRE-797; Mitsubishi A866X15471 (regulator stamped: 154)

Unit Nos: Mitsubishi A4T00796, A4T03591

Lester Nos: 13212

WAI Ref. Nos: 1-1184-01MI

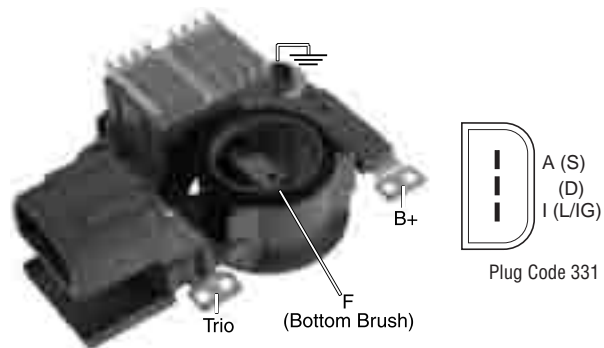
Dim: 30mm ID Slip Ring Cover

Note: 30mm ID slip ring cover. Similar to IM268-1 except IM268-1 has 26mm ID slip ring cover.

Components:

38-8305 Brush

TRI276 Repair Circuit



IM836

(Ref# 35-8337-1)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-93) Ford, Lincoln

Replaces: Ford F3LY-10316-A, GRE-812; Mitsubishi A866X24272 (regulator stamped: 242)

Unit Nos: Mitsubishi A6T41491, A6T41591

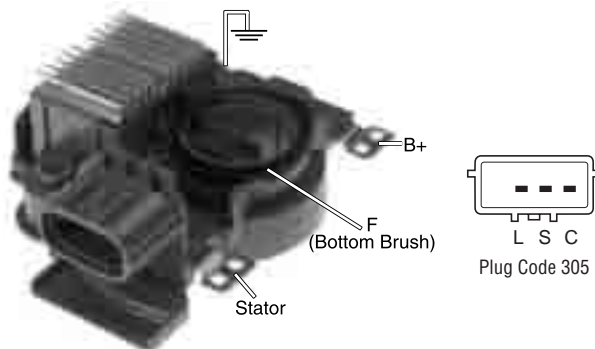
Lester Nos: 13447, 13448

WAI Ref. Nos: 1-1589-01MI, 1-1590-01MI

Dim: 24mm ID Slip Ring Cover

Components:

TRI836 Repair Circuit



IM472

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2005-01) Subaru

Replaces: Subaru 23815-AA160

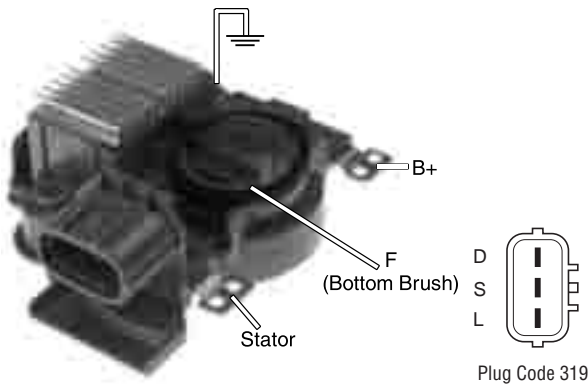
Unit Nos: Mitsubishi A3TB1891; Subaru 23700-AA401

Lester Nos: 13888

Features:

- Stator activated

ALTERNATOR - REGULATORS (TRANSPO)



IM848

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2005-99) Subaru

Replaces: Subaru 23815AA140 (regulator stamped 427)

Unit Nos: Mitsubishi A2TB2891, A2TB2991; Subaru 23700-AA370, -AA390

Lester Nos: 13820, 13889

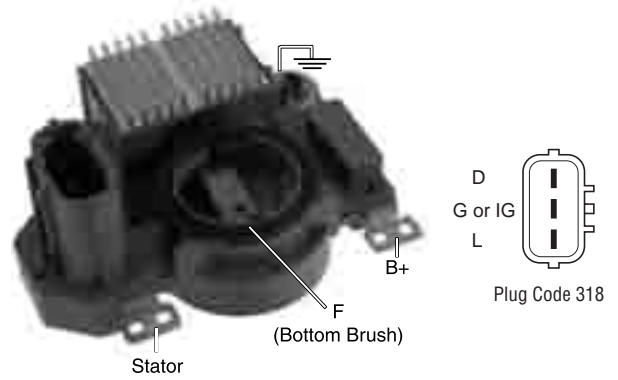
WAI Ref. Nos: 1-2232-01MI, 1-2499-01MI

Dim: 24mm ID Slip Ring Cover

Components:
TRI848 Repair Circuit

Features:

- Stator activated



IM381

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-IG-D Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2003-99) Chevrolet, Suzuki

Replaces: GM 91174657 (regulator stamped 425)

Unit Nos: GM 30020754, 30021755, 30026055, 30026056, 30027273;

Mitsubishi A5TA3891, A; A5TA4291;

Suzuki 31400-65D00, -65D01, -66D00, -66D01, -67D01

Lester Nos: 13780, 13781

WAI Ref. Nos: 1-2223-01MI, 1-2241-01MI

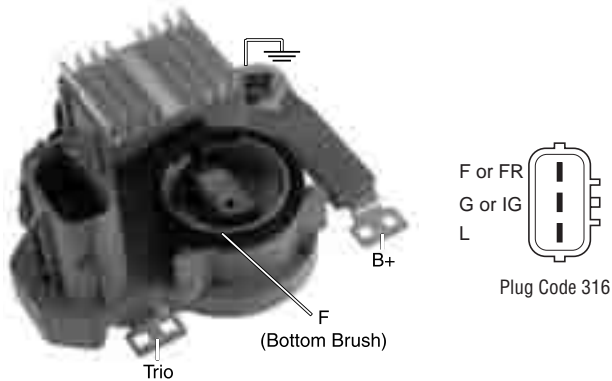
Dim: 24mm ID Slip Ring Cover

Components:

IM381 Repair Circuit

Features:

- Stator activated



IM318

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-IG-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2000-97) Acura, Honda

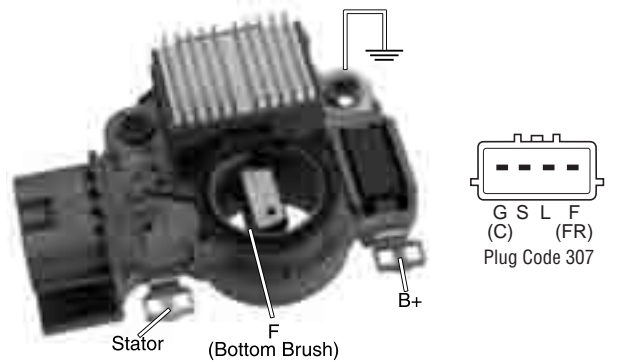
Replaces: (regulator stamped 318)

Unit Nos: Honda 31100-P2F-C01, 31100-P2F-C02, AHGA27, AHGA39; Mitsubishi A5TA1191

Lester Nos: 13330

WAI Ref. Nos: 1-2517-01MI

Dim: 24mm ID Slip Ring Cover



IM341

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C(G)-S-L-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2005-97) Chrysler, Dodge, Mitsubishi

Replaces: Mitsubishi Motors MD619268

Unit Nos: Mitsubishi A2TA4991, A2TA5191, A2TA5391, A2TA5394, A3TB3491

Lester Nos: 13750, 13751, 13787, 13840, 13886

WAI Ref. Nos: 1-2118-01MI, 1-2118-02MI; 1-2204-01MI, -02MI; 1-2355-02MI

Dim: 24mm ID Slip Ring Cover

Note: Stator activated

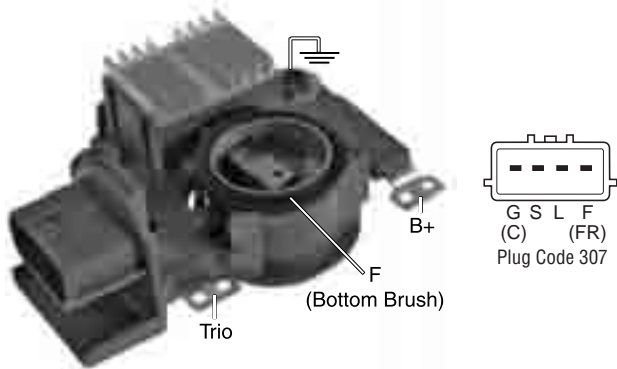
Components:

TRI341 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM845

(Ref# 35-8346)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C(G)-S-L-FR Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1999-95) Eagle, Mitsubishi

Replaces: Mitsubishi A866X28572, Mitsubishi Motors MD618957

Unit Nos: Mitsubishi A2T82791, A2T82792, A2TA0891, A2TA0892, A5TA0291

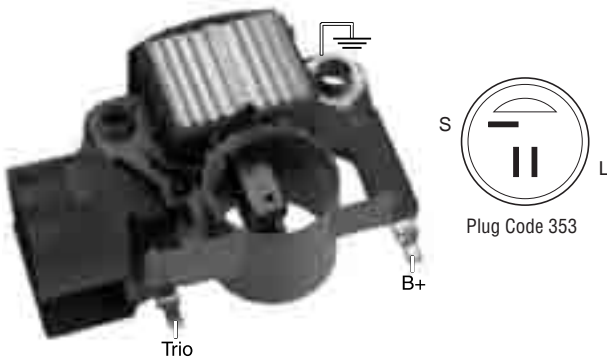
Lester Nos: 13585, 13586, 13587

WAI Ref. Nos: 1-2023-01MI, 1-2023-02MI, 1-2101-01MI, 1-2101-02MI, 1-2113-01MI

Dim: 24mm ID Slip Ring Cover

Components:

TRI845 Repair Circuit



IM852

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

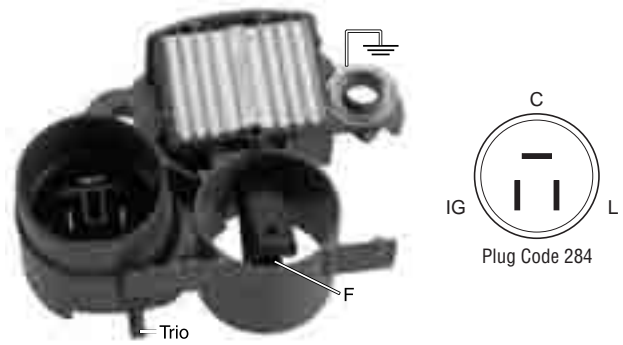
Used On: Subaru

Replaces: Mitsubishi A866X17272

Unit Nos: Mitsubishi A2T09591; Subaru 23700-AA180

WAI Ref. Nos: 1-2331-01MI

Dim: 26mm ID Slip Ring Cover



IM267

(Ref# 35-8312)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1987-84) Honda

Replaces: Honda 31150-PE0-927;

Mitsubishi A866X08270, A866X08271

Unit Nos: Honda 31100-PE0-906, 31100-PE0-927;

Mitsubishi A1T01691

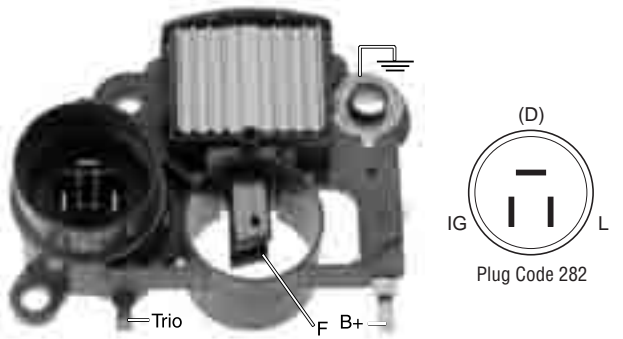
Dim: 26mm ID Slip Ring Cover

Components:

TRI267 Repair Circuit

Features:

- Choke / relay driver circuit



IM275

(Ref# 35-8321)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1998-89) Chevrolet, Geo, Suzuki

Replaces: Mitsubishi A866X11870, A866X11872;

Suzuki 32500-60A10 (regulator stamped: 118)

Unit Nos: Mitsubishi A1T03191, A1T03195

Lester Nos: 13213, 13416

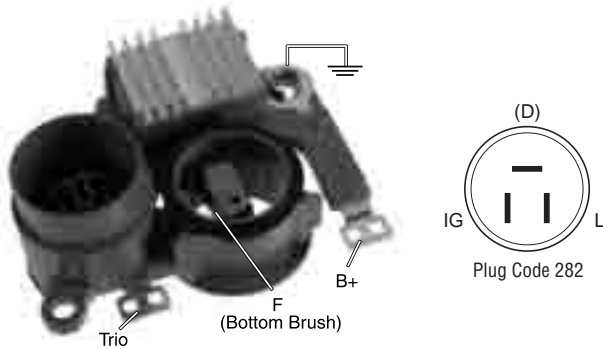
WAI Ref. Nos: 1-1229-01MI, 1-1229-02MI

Dim: 26mm ID Slip Ring Cover

Components:

TRI275 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)



IM834

(Ref# 35-8342)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2000-90) Chevrolet, Geo, Suzuki

Replaces: GM 96059547, Mitsubishi A866X23773 (regulator stamped: 237)

Unit Nos: Mitsubishi A5T07091, A5T07092, A5TA0791

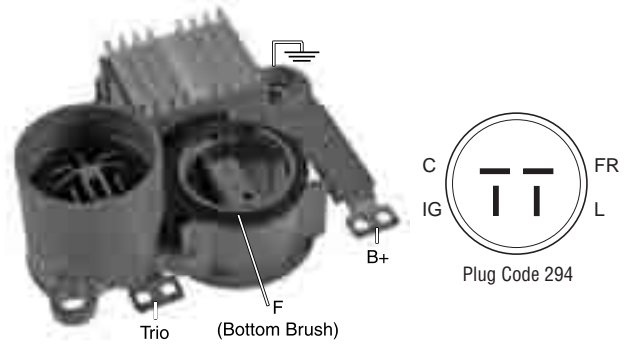
Lester Nos: 13336, 13415

WAI Ref. Nos: 1-1537-01MI, 1-1537-02MI

Dim: 24mm ID Slip Ring Cover

Components:

38-8307 Brush



IM835

(Ref# 35-8354)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-92) Honda

Replaces: Honda 04314-P08-004, Mitsubishi A866X26641 (regulator stamped: 266)

Unit Nos: Honda 31100-P08-004, 31100-P08-024;

Mitsubishi A5T06391, A5T06491, A7T00891

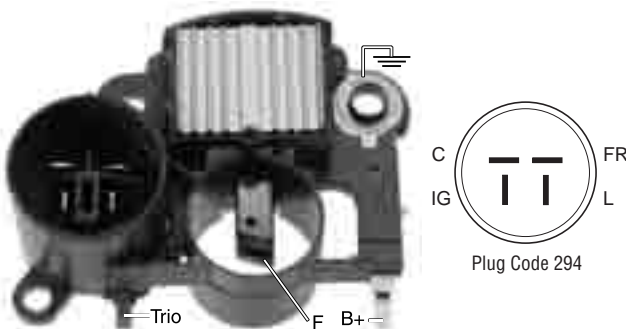
Lester Nos: 13608, 13700

WAI Ref. Nos: 1-1831-01MI, 1-1876-01MI

Note: L-terminal is an output terminal.

Components:

TRI835 Repair Circuit



IM273

(Ref# 35-8317)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1989-88) Honda

Replaces: Honda 31150-PM5-0040; Mitsubishi A866X13670, 13671 (regulator stamped: 13670)

Unit Nos: Mitsubishi A1T02291, A1T02292, A1T04892

Lester Nos: 13266

WAI Ref. Nos: 1-1017-01MI

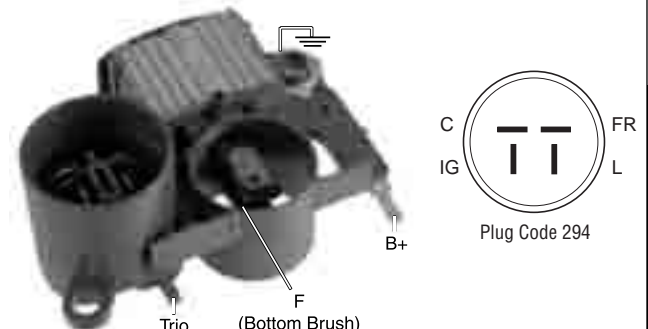
Dim: 26mm ID Slip Ring Cover

Note: L-terminal is an output terminal.

Similar to IM839 except IM839 L-terminal is not output terminal.

Components:

TRI273 Repair Circuit



IM839

(Ref# 35-8340)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-92) Honda

Replaces: Honda 04314-P08-014, Mitsubishi A866X22081 (regulator stamped: 220)

Unit Nos: Mitsubishi A5T04292

Lester Nos: 13608

WAI Ref. Nos: 1-1831-01MI

Dim: 26mm ID Slip Ring Cover

Note: L-terminal is not an output terminal.

Similar to IM273 except IM273 L-terminal is an output terminal.

Components:

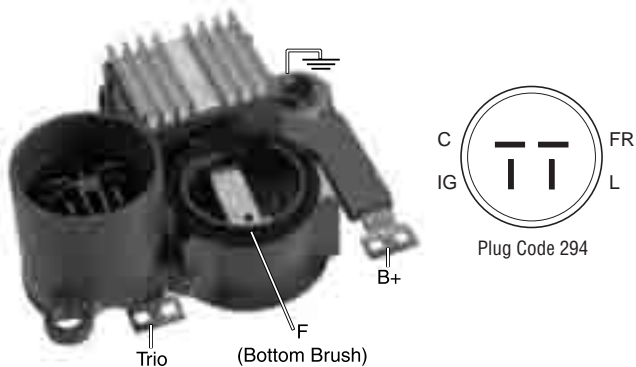
38-8305 Brush

TRI839 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM844

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1997-95) Honda

Replaces: Honda 04314-POG-A02

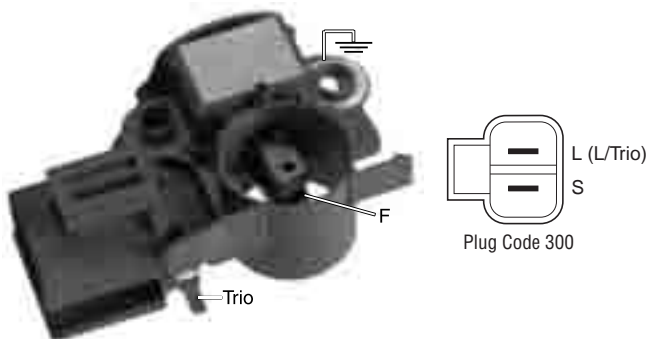
Unit Nos: Honda 31100-POG-A02, 31100-POG-A03, AHGA21; Mitsubishi A2TA2191

Lester Nos: 13648

WAI Ref. Nos: 1-2095-01MI

Dim: 24mm ID Slip Ring Cover

Note: L-terminal is not an output terminal



IM263

(Ref# 35-8310)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1989-86) Nissan

Replaces: Mitsubishi A866X08071, 08072;

Nissan 23215-17B10, 23215-51S10 (regulator stamped: 08070)

Unit Nos: Mitsubishi A2T02394, B; A2T46395, B; A2T47794, B; A2T48292, A2T48298, A2T48472, A5T22997B

Lester Nos: 14243, 14720, 14723, 14724, 14979

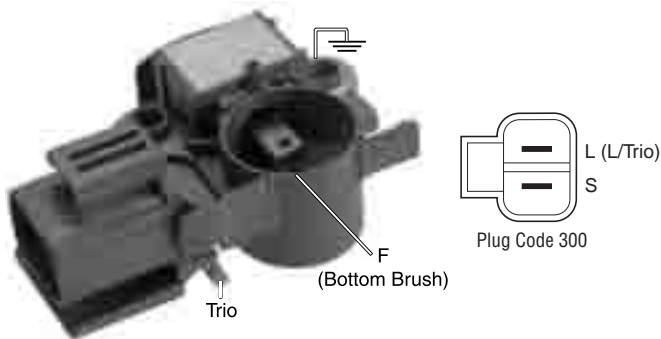
WAI Ref. Nos: 1-1098-01MI, 1-1101-01MI, 1-1126-01MI, 1-1126-02MI

Dim: 26mm ID Slip Ring Cover

Components:

38-8300 Brush

TRI406 Repair Circuit



IM262

(Ref# 35-8309)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: Nissan Bluebird (non-USA)

Replaces: Mitsubishi A866X06471; Nissan 23133-08E15

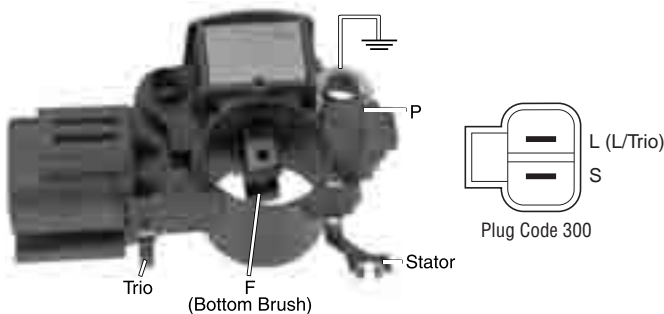
Unit Nos: Mitsubishi A2T45771A, A2T45799A;

Nissan 23100-08E11, 23100-08E16

Dim: 26mm ID Slip Ring Cover

Components:

TRI405 Repair Circuit



IM265-1

(Ref# 35-8308)

Regulator / Brush Holder Assy.

**12 Volt, A-Circuit, S-L Terminals w/ P-Terminal
14.5 Vset**

For: Mitsubishi IR/IF Alternators

Used On: (1989-88) Ford, Mazda, Mercury

Replaces: Ford E8GY-10316-B, E8GZ-10316-A;

Mazda B675-18-W70, -W70A; Mitsubishi A866X12770, A866X12772, A866X12782 (regulator stamped: 12770, 12780)

Unit Nos: Mitsubishi A2T05772, A2T05772X, A2T05892, A2T05893

Lester Nos: 13183, 13196, 14905

WAI Ref. Nos: 1-1136-01MI, 1-1142-01MI

Dim: 26mm ID Slip Ring Cover

Components:

38-8300 Brush

TRI406 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

IM265HD-1

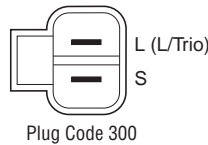
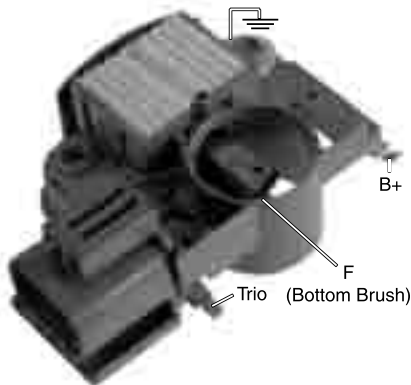
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals w/ P-Terminal
14.5 Vset

Same as IM265-1 except...

Features:

- Heavy Duty
- Field effect transistor (FET)
- Very low saturation voltage
- Superior loading performance



IM277

(Ref# 35-8322)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1997-89) Ford, Mazda, Mercury, Subaru

Replaces: Ford F02Z-10316-A, GRE-799;

Mazda F285-18-W70, N350-18-W70;

Mitsubishi A866X00179, 17972, 17982 (regulator stamped: 179)

Unit Nos: Mitsubishi A2T17574, A2T19991, A2T20091, A2T20191, A2T34477, A3T08891, A5T01577, A5T01977

Lester Nos: 13227, 13237, 13297, 13299, 13350, 13406, 13432

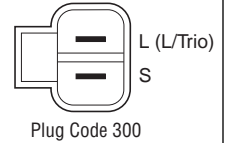
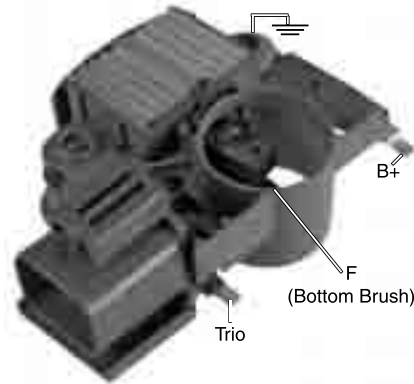
WAI Ref. Nos: 1-1143-01MI, 1-1145-01MI, 1-1160-01MI, 1-1164-01MI, 1-1177-01MI, 1-1428-01MI, 1-1875-01MI

Dim: 26mm ID Slip Ring Cover

Components:

38-8305 Brush

TR1268 Repair Circuit



IM278

(Ref# 35-8326)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1990-89) Nissan

Replaces: Mitsubishi A866X14570, 14572; Nissan 23215-77A10 (regulator stamped: 145)

Unit Nos: Mitsubishi A5T00192

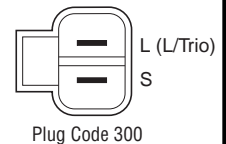
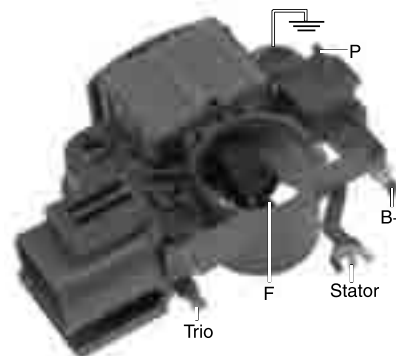
Lester Nos: 13251

WAI Ref. Nos: 1-1128-01MI

Dim: 26mm ID Slip Ring Cover

Components:

TR1278 Repair Circuit



IM279

(Ref# 35-8327)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1993-90) Ford, Mazda, Mercury

Replaces: Ford F0BZ-10316-A, GRE-800;

Mazda B366-18-W70; Mitsubishi A866X17170, 17172 (regulator stamped: 171)

Unit Nos: Mitsubishi A5T00877, A5T00972, A5T01271, A5T02777

Lester Nos: 13295, 13314, 13350

WAI Ref. Nos: 1-1137-01MI, 1-1176-01MI, 1-1177-01MI

Dim: 26mm ID Slip Ring Cover

Components:

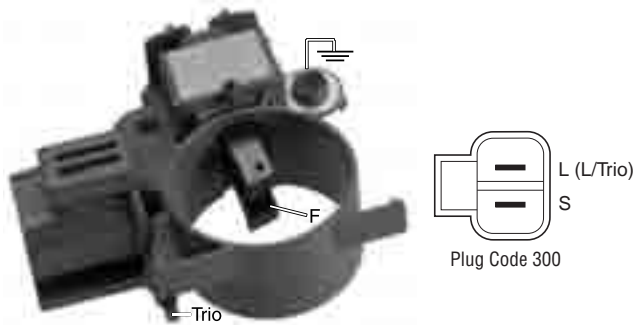
38-8305 Brush

TR1268 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM281

(Ref# 35-8355)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

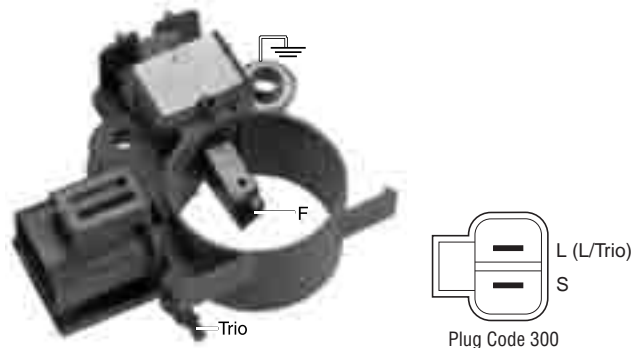
Used On: Mitsubishi Diesel

Replaces: Mitsubishi A866X09171, Mitsubishi Motors MD611481

Unit Nos: Mitsubishi A2T01384, A2T01483, A2T01583, A2T01683, A2T01783, A2T02084, A2T06384, A2T09884, A2T10083, A2T14376, A2T14876, A2T27883, A2T49377

Dim: 39mm ID Slip Ring Cover

Note: Not interchangeable with IM282



IM282

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

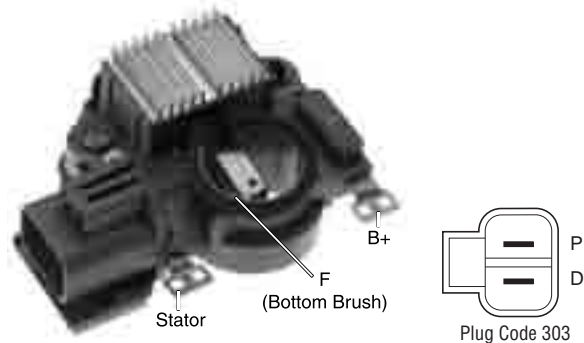
Used On: Mazda Capella, Mitsu Pajero (Diesel) (non-USA)

Replaces: Mazda RF71-18-W70, RF71-18-W70A; Mitsubishi Motors MD160671; Mitsubishi A866X12682

Unit Nos: Mazda RF71-18-300E, G, H; RF92-18-300A, C, D; S5A2-18-300B; Mitsubishi A3T01877, A, B; A3T04177, A3T04178, A3T04199, A3T05676

Dim: 39mm ID Slip Ring Cover

Note: Not interchangeable with IM281



IM345

(Ref# 35-8347)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-P Terminals, 14.3 Vset

For: Mitsubishi ED/IF Alternators

Used On: (2001-97) Kia, Mazda

Replaces: Mitsubishi A866X35472

Unit Nos: Mazda Z599-18-300A, C; Z5A1-18-300; Mitsubishi A2TB0091, A2TB2391

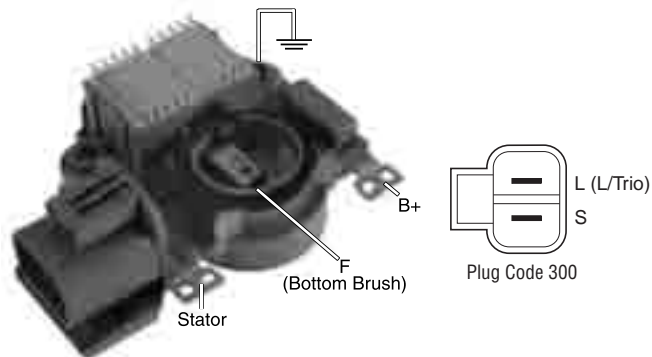
Lester Nos: 13718

WAI Ref. Nos: 1-2061-01MI

Caution: IM345 is NOT a traditional regulator, but a field control unit that works with the vehicle's computer (PCM) to control the voltage and output. Traditional test methods will immediately damage D-P Type regulators. See VRC101-26 regulator test adapter.

Components:

TRI345 Repair Circuit



IM350

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1998-97) Subaru

Replaces: Subaru 23815-AA090 (regulator stamped 350)

Unit Nos: Mitsubishi A2TA7691; Subaru 23700-AA290

Lester Nos: 13752

WAI Ref. Nos: 1-2097-01MI

Dim: 24mm ID Slip Ring Cover

Note: With capacitor

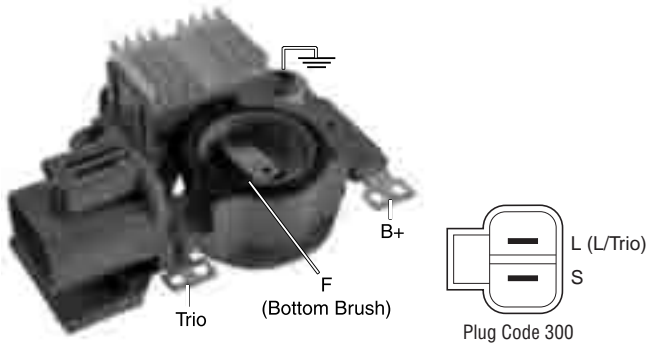
Components:

TRI350 Repair Circuit

Features:

- Stator activated

ALTERNATOR - REGULATORS (TRANSPO)



IM830

(Ref# 35-8333)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset, wo/ LRC

For: Mando, Mitsubishi IR/IF Alternators

Used On: (2001-91) Ford, Mazda, Mercury, Subaru

Replaces: Ford F1CZ-10316-A, F4BZ-10316-A;

Mando TA500C02001, TA500C04401;

Mazda B64J-18-W70, -W70A; JE48-18-W70, MJE48-18-W70;

Mitsubishi A866X20472, A866X20972, A866X22772

Unit Nos: Mando AB160044; Mitsubishi A2T33191, A2T33891, A2T33892, A2T33991, A2T35177, A2T36578, A2T38977, A2T39091, A2T39291, A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891, A3T07592, A3T08491, A3T08591, A5T03391, A5T03677, A5T03777

Lester Nos: 13227, 13350, 13432, 13445, 13446, 13460, 13479, 13511, 13523, 13559, 13574, 13614, 13650, 13698

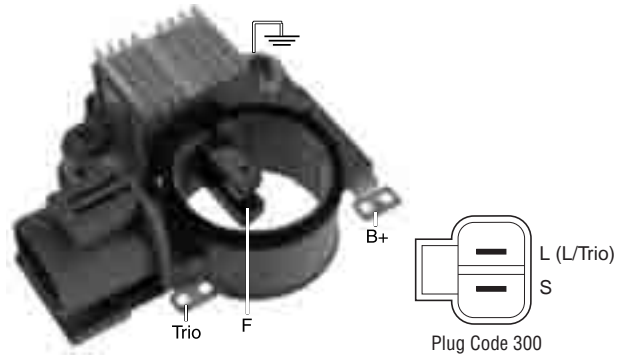
WAI Ref. Nos: 1-1160-01MI, 1-1177-01MI, 1-1428-01MI, 1-1598-01MI, 1-1599-01MI, 1-1600-01MI, 1-1828-01MI, 1-1873-01MI, 1-1891-01MI, 1-1952-01MD, 1-1956-01MI, 1-1957-01MI, 1-2096-01MI

Dim: 24mm ID Slip Ring Cover

Components:

38-8307 Brush

TRI830 Repair Circuit



IM847

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: Mitsubishi Fuso Canter Truck

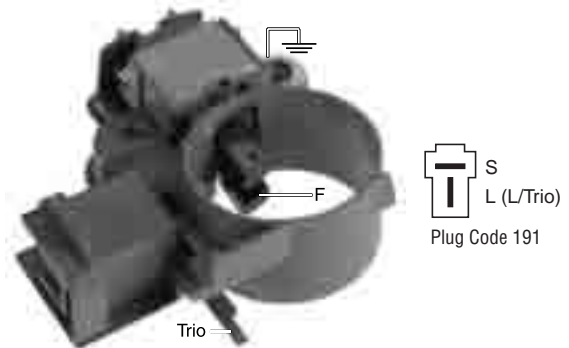
Replaces: Mitsubishi Motors MD618735, MD619167;

Mitsubishi A866X25572

Unit Nos: Mitsubishi A2T37976, A2TN0076, A2TN0199, A2TN0299, A2TN0399, A2TN0499, A2TN0599, A3T11678, A3TN0078, A3TN0199, A3TN0299, A3TN0399, A3TN0499, A3TN0699; Mitsubishi Motors MD304129

WAI Ref. Nos: 1-2636-01MI

Dim: 35mm ID Slip Ring Cover



IM287

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Mitsubishi (Diesel) (non-USA)

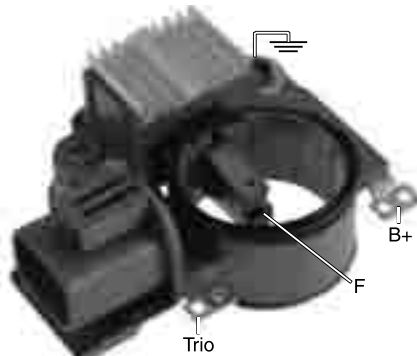
Replaces: Mitsubishi Motors MD611502;

Mitsubishi A866X09270, A866X09271

Unit Nos: Mitsubishi A2T01976, A2T49577;

Mitsubishi Motors MD099621, MD105606

Dim: 39mm ID Slip Ring Cover



IM846

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, R (IGN)-L Terminals, 28.6 Vset

For: Mitsubishi IR/IF Alternators

Used On: Mitsubishi Fuso Canter Truck

Replaces: Mitsubishi A866X28372,

Mitsubishi Motors ME701399

Unit Nos: Mitsubishi A3T75883, A3TN5188, A3TN5288,

A3TN5883; Mitsubishi Heavy Ind. 32B68-00200,

Mitsubishi Motors ME017615

Dim: 35mm ID Slip Ring Cover

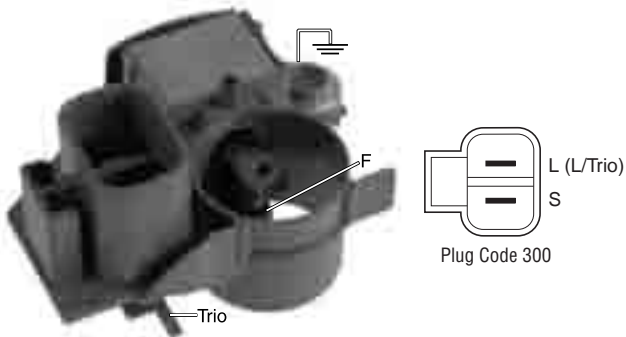
Components:

TRI846 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM217-1

(Ref# 35-8302)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators

Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Nissan, Plymouth

Replaces: Mitsubishi A866X05270, 05272, 09070, 09071, 09072, 09770, 09771, 09780, 09782, 12472 (regulator stamped: 05270, 09770, 09780, 09782)

Unit Nos: Mando AB175015, AB175019, AB175020, AB190012; Mitsubishi A2T02271, A2T02471, A2T03471, A2T03477, A2T03972, A2T04271, A2T06871, A2T09392, A2T09493, A2T09691, A2T09792, A2T14792, A2T17692, A2T48176, A2T48176A, A2T48176B, A2T48195, A2T48195A, A2T48195B, A2T48691, A2T48791, A2T49972, A2T49977, A2T49992, A3T00692, A3T00792, A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T04292, A3T04493, A3T08293, A3T41876, A3T45693, A3T45694, A5T41094

Lester Nos: 13197, 13238, 13249, 13257, 13271, 13272, 13289, 13290, 13332, 13352, 13701, 14427, 14428, 14429, 14430, 14432, 14433, 14436, 14437, 14438, 14655, 14656, 14725

Dim: 26mm ID Slip Ring Cover

Components:

38-8300 Brush
TRI400S Repair Circuit

IM217HD-1

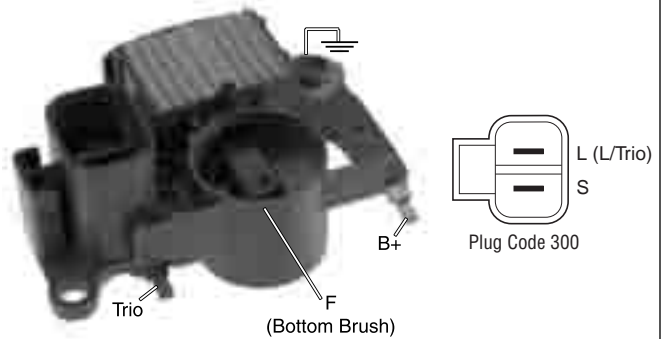
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

Same as IM217-1 except...

Features:

- Heavy Duty



IM280

(Ref# 35-8324)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1998-89) Mazda

Replaces: Mazda JE15-18-W70A; Mitsubishi A866X17072 (regulator stamped: 170)

Unit Nos: Mitsubishi A2T13977, A2T18874, A2T19677, A2T19877, A5T00777

Lester Nos: 13231, 13253, 13282, 13337

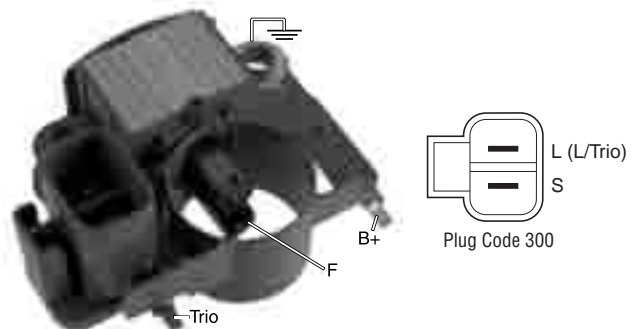
WAI Ref. Nos: 1-1150-01MI, 1-1157-01MI, 1-1165-01MI

Dim: 26mm ID Slip Ring Cover

Note: Similar to IM285 except IM285 has 30mm ID slip ring cover.

Components:

TRI268 Repair Circuit



IM285

(Ref# 35-8330)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-91) Dodge, Mitsubishi

Replaces: Mitsubishi A866X11772, Mitsubishi Motors MD611743

Unit Nos: Mitsubishi A4T01493, A4T01793, A4T01893, A4T02991, A4T03091, A4T03191, A4T30593

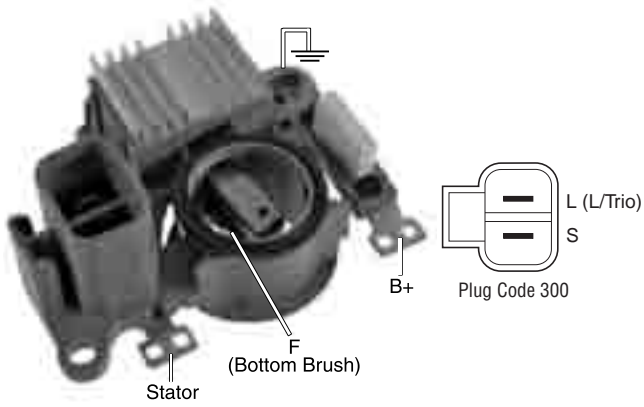
Lester Nos: 13351, 13435, 13449, 13703

WAI Ref. Nos: 1-1595-01MI, 1-2430-01MI

Dim: 30mm ID Slip Ring Cover

Note: Similar to IM837 except IM837 has 26mm ID slip ring cover.

ALTERNATOR - REGULATORS (TRANSPO)



IM369

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2002-99) Mercury, Nissan

Replaces: (regulator stamped 369)

Unit Nos: Ford XF52-10300-AC, XF5Z-10346-AA;

Mitsubishi A3TA5691; Nissan 23100-7B000

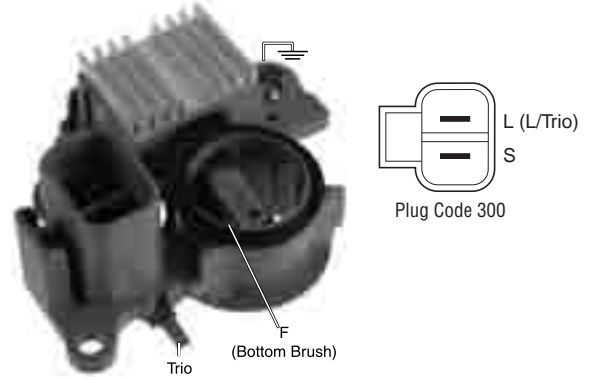
Lester Nos: 13821

WAI Ref. Nos: 1-2269-01MI

Dim: 24mm ID Slip Ring Cover

Features:

- Stator activated



IM831

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1998-94) Hyundai; Mando Marine

Replaces: Mitsubishi A866T09780, A866T09782

Unit Nos: Hyundai 37300-33013, -33103;

Mando AB175020, AB190025, AB190130, AB190374

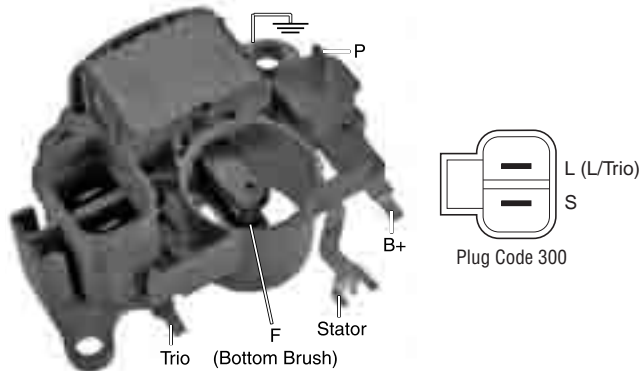
Lester Nos: 13249, 13289

WAI Ref. Nos: 1-1227-01MD, 1-1434-01MD

Dim: 24mm ID Slip Ring Cover

Components:

- TRI278 Repair Circuit



IM829

(Ref# 35-8332)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1993-90) Mazda

Replaces: Mazda F2G8-18-W70; Mitsubishi A866X18972 (regulator stamped: 189)

Unit Nos: Mitsubishi A5T02377

Lester Nos: 13211

WAI Ref. Nos: 1-1430-01MI

Dim: 26mm ID Slip Ring Cover

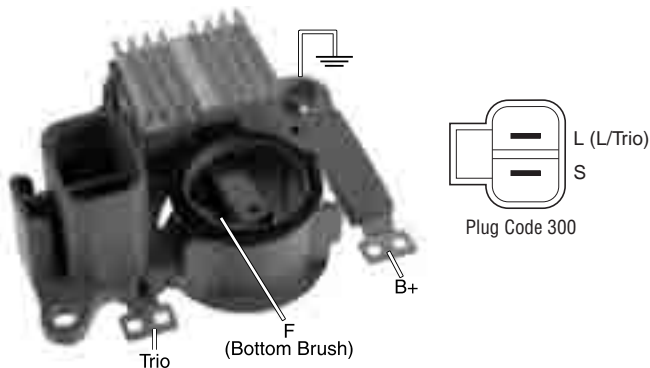
Components:

- 38-8305 Brush
- TRI268 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM832

(Ref# 35-8336)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1998-92) Eagle, Mercury, Mitsubishi, Nissan, Plymouth; Nissan Forklift

Replaces: Ford F3XY-10316-A, GRE-808; Mitsubishi A866X23182, A866X25472;

Mitsubishi Motors MD618696 (regulator stamped 231)

Unit Nos: Mitsubishi A2T38391, A2T80591, A2T81791, A2TA0991, A2TA3491, A3T11591, A3T13091, A3T13291, A3T14491, A3TA0791, A3TA1091, A3TA1191, A4T01192, A4T02591, A5T05091, A5T07592, A7T03371

Lester Nos: 12136, 13451, 13473, 13584, 13615, 13616, 13692, 13786

WAI Ref. Nos: 1-1601-01MI, 1-1829-01MI, 1-1955-01MI, 1-1958-01MI, 1-1959-01MI, 1-2062-01MI, 1-2147-01MI, 1-2147-01MI

Dim: 24mm ID Slip Ring Cover

Note: With loss of sense indication.

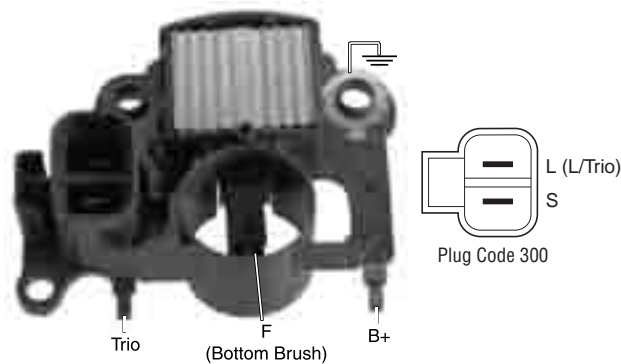
M832 is similar to IM222 except IM222 has different circuitry wo/ loss of sense indication.

Components:

38-8307 Brush
TRI271 Repair Circuit

Features:

- Trio excited



IM837

(Ref# 35-8334)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1994-91) Mercury Capri

Replaces: Ford F0JY-10316-A, GRE-805; Mitsubishi A866X21072 (regulator stamped: 210)

Unit Nos: Ford F0JY-10346-A, F2JY-10346-A; Mitsubishi A2T32899

Lester Nos: 13282

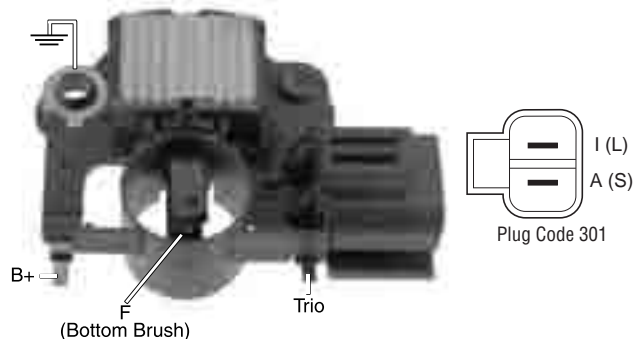
WAI Ref. Nos: 1-1150-02MI

Dim: 26mm ID Slip Ring Cover

Note: Similar to IM280 except IM280 has different circuitry. Similar to IM285 except IM285 has 30mm ID slip ring cover.

Components:

TRI271 Repair Circuit



IM271

(Ref# 35-8318)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, A(S)-I(L) Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1994-89) Ford, Mercury

Replaces: Ford E9PZ-10316-A, F02Z-10316-B, GRE-796, GRE-804; Mitsubishi A866X15171, A866X17471 (regulator stamped: 151, 174)

Unit Nos: Mitsubishi A3T00491, A3T00896, A3T12691, A3T12792

Lester Nos: 13230, 13298

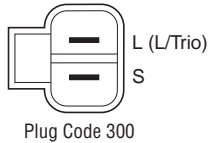
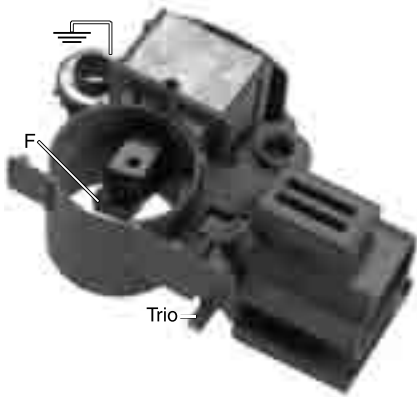
WAI Ref. Nos: 1-1175-01MI, 1-1183-01MI

Dim: 26mm ID Slip Ring Cover

Components:

TRI271 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)



IM274

(Ref# 35-8320)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1988-86) Nissan

Replaces: Mitsubishi A866X08470, A866X08472;

Nissan 23215-58S10 (regulator stamped: 08470)

Unit Nos: Mitsubishi A5T41592, B; Nissan 23100-53A10, -53A11, -63A10, -63A11

Lester Nos: 14718

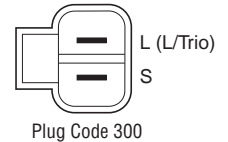
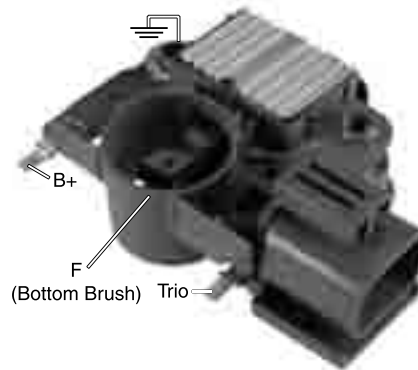
WAI Ref. Nos: 1-1125-01MI

Dim: 26mm ID Slip Ring Cover

Components:

38-8300 Brush

TRI405 Repair Circuit



IM291

(Ref# 35-8338)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1993-92) Infiniti

Replaces: Mitsubishi A866X20782, 21482; Nissan 23215-64J12 (regulator stamped: 214)

Unit Nos: Mitsubishi A2T13894

Lester Nos: 13549

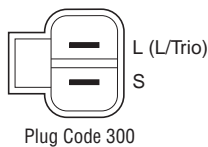
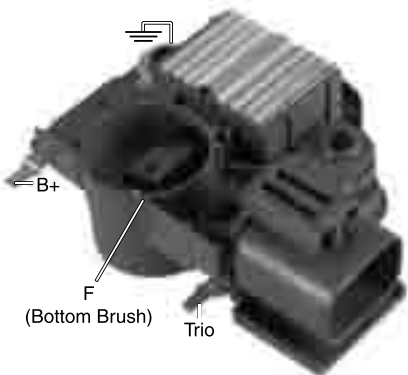
WAI Ref. Nos: 1-1427-01MI

Dim: 26mm ID Slip Ring Cover

Note: Similar to IM284 except IM284 has different circuitry.

Components:

TRI276 Repair Circuit



IM284

(Ref# 35-8329)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1993-90) Nissan

Replaces: Mitsubishi A866X13272, Nissan 23215-35F10 (regulator stamped: 132)

Unit Nos: Mitsubishi A2T14694, A2T18792, A3T05192

Lester Nos: 13286, 13293

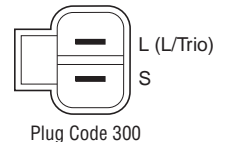
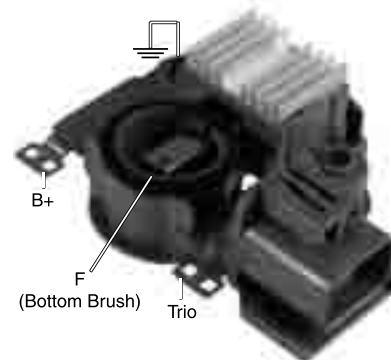
WAI Ref. Nos: 1-1108-01MI, 1-1120-01MI, 1-2164-01MI

Dim: 26mm ID Slip Ring Cover

Note: Similar to IM291 except IM291 has different circuitry

Components:

38-8305 Brush



IM292

(Ref# 35-8343)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1999-93) Infiniti, Nissan

Replaces: Mitsubishi A866X22472, A866X23072 (regulator stamped: 224, 230); Nissan 23215-0P611, 23215-64J13

Unit Nos: Mitsubishi A2Q33593, A2T33493A; A2T33593, A, B; A2T35791; A2T82491, A,

Nissan 23100-0M810, -0P513, -0P515, -0P516

Lester Nos: 13478, 13723

WAI Ref. Nos: 1-1830-01MI, 1-2093-01MI

Dim: 24mm ID Slip Ring Cover

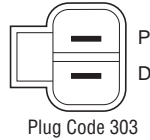
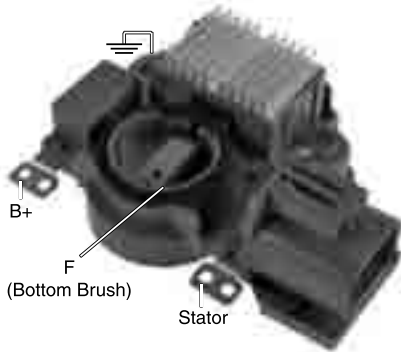
Components:

38-8307 Brush

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM465

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, D-P Terminals, 14.4 Vset

For: Mitsubishi ED/IF Alternators

Used On: (2005-00) Mazda

Replaces: Mazda GY01-18-W70, GY01-18-W9XA, LF18-18-300; Mitsubishi A866X46572

Unit Nos: Mazda GY01-18-300E, Mitsubishi A3TB1081, A; A3TG0081

Lester Nos: 13883, 13996

WAI Ref. Nos: 1-2377-01MI

Dim: 24mm ID Slip Ring Cover

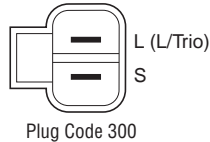
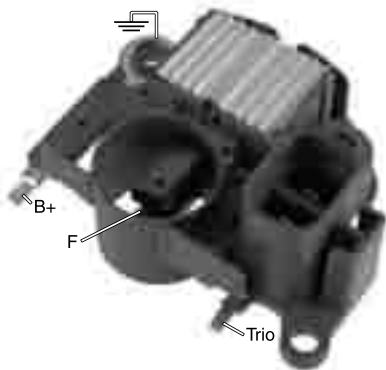
Caution: Avoid damage by using Transpo VRC101-26 test adapter.

Components:

TRI345 Repair Circuit

Features:

- Works with vehicle PCM
- Field controlled unit



IM276

(Ref# 35-8323)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1994-89) Subaru

Replaces: Mitsubishi A866X15770, 15772; Subaru 23815-KA030 (regulator stamped: 157)

Unit Nos: Mitsubishi A1T03391, A1T03791

Lester Nos: 13303, 13480

WAI Ref. Nos: 1-1255-01MI, 1-1256-01MI

Dim: 26mm ID Slip Ring Cover

Components:

TRI276 Repair Circuit



IM854

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators

Used On: Mitsubishi Canter, Pajero (non-USA)

Replaces: Mitsubishi A866X27572, Mitsubishi Motors ME701363 (regulator stamped 275)

Unit Nos: Mitsubishi A3T09198, A3T09199, A3T09698, A3T09699, A3T09799, A3TA3098, A3TA4298, A3TA6098

Dim: 24mm ID Slip Ring Cover



IM232

(Ref# 35-8353)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.3 Vset

For: Mitsubishi IR/IF Alternators

Used On: Ford (Europe)

Replaces: Mitsubishi A866X23200

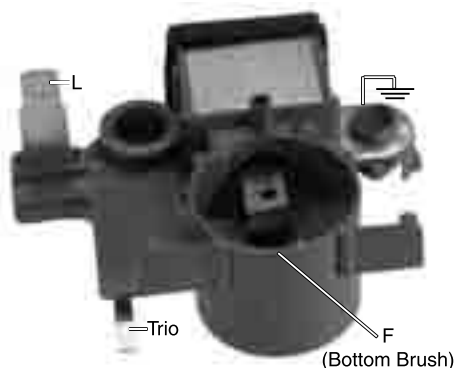
Unit Nos: Ford 92AB-10300-FA, -JA; Mitsubishi A2T14591, A2T14592, A2T28792, A2T32692

Dim: 24mm ID Slip Ring Cover

Components:

TRI232 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)



IM283

(Ref# 35-8352)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-Terminal, 14.5 Vset

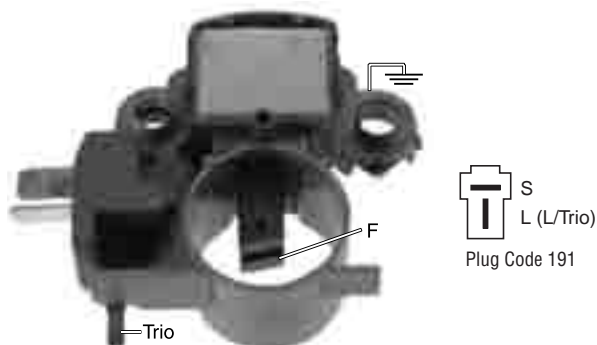
For: Mitsubishi IR/EF Alternators

Used On: Ford (Europe)

Replaces: Mitsubishi A866X07470

Unit Nos: Mitsubishi A5T31772

Dim: 26mm ID Slip Ring Cover



IM261

(Ref# 35-8305)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1991-84) Nissan, Subaru

Replaces: Mitsubishi A866X06272, Nissan 23133-04F10 (regulator stamped: 06270)

Unit Nos: Mitsubishi A2T45272, A2T45272A, A3T01691, A3T03891

Lester Nos: 13263, 14657

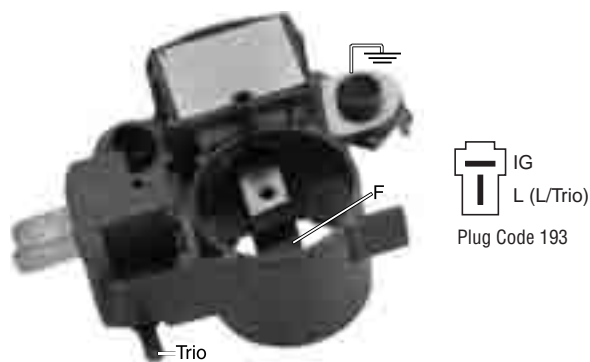
WAI Ref. Nos: 1-1099-01MI, 1-1259-01MI

Dim: 26mm ID Slip Ring Cover

Components:

38-8300 Brush

TRI400S Repair Circuit



IM269

(Ref# 35-8314)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1988-87) Subaru

Replaces: Mitsubishi 14170, A866X06772, A866X14170, A866X14172; Subaru 23815-KA020, 49575-6404

Unit Nos: Mitsubishi A1T02592, A1T02595, A1T02952, A7T30492, A7T30674, A7T30692;

Subaru 23700-KA130, -KA140, -KA170, -KA190, -KA191; 42990-6400, -6500

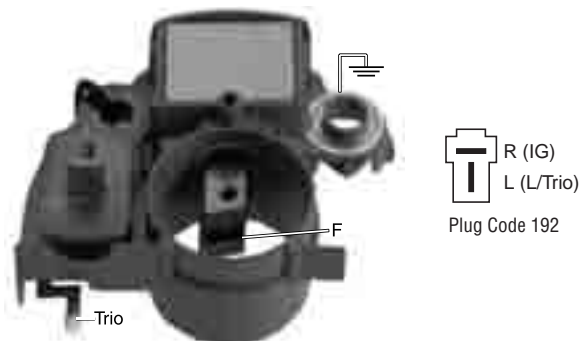
Lester Nos: 13318, 14967

WAI Ref. Nos: 1-1254-01MI

Dim: 26mm ID Slip Ring Cover

Components:

TRI400R Repair Circuit



IM216-1

(Ref# 35-8301)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators

Used On: (1989-84) Dodge, Ford, Hyundai, Mazda, Mitsubishi

Replaces: Ford E8GY-10316-A, GRE-789;

Mitsubishi A866X04870, 04872, 05470, 05471, 05472;

Mitsubishi Motors MD611032, MD611146

(regulator stamped: 04870, 05470)

Unit Nos: Mando AB155001, AR160A;

Mitsubishi A1T01991, A1T34672, A1T40391, A1T40491, A1T40791, A1T40891, A2T00991, A2T03072, A2T03691, A2T03792, A2T03892, A2T04474, A2T07577, A2T13571, A2T13571A, A2T17872, A2T41677, A2T41791, A2T41991, A2T42777, A2T43791, A2T43891, A2T43892, A2T44991, A2T47371, A2T47371A, A2T47474, A2T47974, A2T49891, A5T30574, A5T30871, A5T40374, A5T41474, A5T41477

Lester Nos: 13182, 13259, 13292, 14431, 14434, 14435, 14445, 14447, 14693, 14694, 14697, 14699, 14706, 14708, 14709, 14876, 14903, 14906, 14908, 14910, 14917, 14950

WAI Ref. Nos: 1-1135-01MI, 1-1141-01MI, 1-1149-01MI,

1-1162-01MI, 1-1173-01MI, 1-1186-01MI, 1-1188-01MI,

1-1193-01MD, 1-1193-01MI, 1-1194-01MI, 1-1195-01MI,

1-1198-01MI, 1-1205-01MI, 1-1217-01MI, 1-2162-01MI, 1-2342-01MI

Dim: 26mm ID Slip Ring Cover

Components:

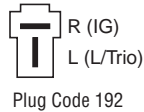
38-8300 Brush

TRI400R Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM216HD-1

(Ref# 35-8301-1)

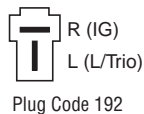
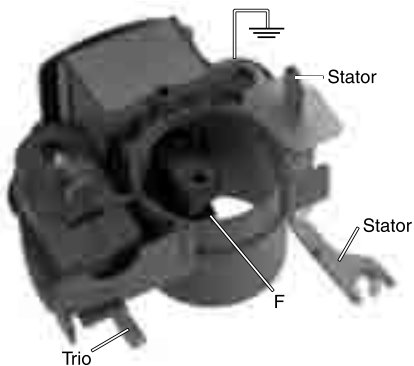
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

Same as IM216-1 except...

Features:

- Heavy Duty
- Field effect transistor
- Very low saturation voltage
- Superior loading performance



IM266

(Ref# 35-8311)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals w/ P-Terminal
14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1989-86) Ford, Mazda

Replaces: Ford E7GZ-10316-A, GRE-788;
Mazda FE65-18-W70; Mitsubishi A866X07572
(regulator stamped: 07570)

Unit Nos: Mitsubishi A5T16471, A5T30977, A5T31177,
A5T31971, A5T31971A, A5T32571

Lester Nos: 14902, 14916, 14943

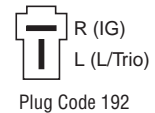
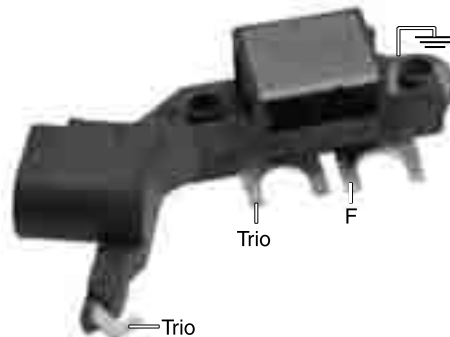
WAI Ref. Nos: 1-1153-01MI, 1-1171-01MI, 1-1172-01MI,
1-1944-01MI

Dim: 26mm ID Slip Ring Cover

Components:

38-8300 Brush

TRI400R Repair Circuit



IM286

Regulator

24 Volt, A-Circuit, R-L Terminals, 28.7 Vset

For: Mitsubishi 24V Brushless IR/EF Alternators

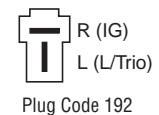
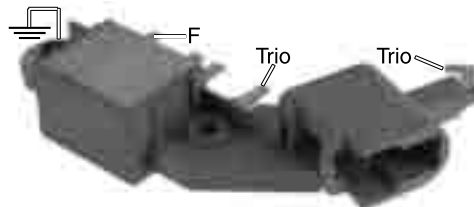
Used On: Caterpillar

Replaces: Mitsubishi Motors ME700783, ME701196;
Mitsubishi A866X08871, A866X19972

Unit Nos: Mitsubishi A4M75586, A4M75589, A4T58289,
A4T58686, A4T58689, A4T58699, A4T58786, A4T58799,
A4T58986, A4T58989, A4T58999, A4T59086, A4T59199,
A4T59786, A4T59986, A4T59989, A4T60086, A4T60089,
A4T66486, A4T66786, A4T75586, A4T75589, A6T55186,
A6T55189;

Mitsubishi Motors ME057701, ME060076, ME077137,
ME077138, ME077404, ME077574, ME087566, ME087567,
ME087630, ME087643, ME090198, ME090592, ME091136,
ME091535, ME093221, ME093222, ME093474, ME150001,
ME150093, ME150142, ME150143, ME150650, ME150651,
ME150963

Lester Nos: 12315, 12316



IM294

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

For: Mitsubishi Brushless IR/EF Alternators

Used On: Mitsubishi-Fuso Trucks (Diesel)

Replaces: Mitsubishi Motors ME700799, ME701260;
Mitsubishi A866X08971, A866X23972

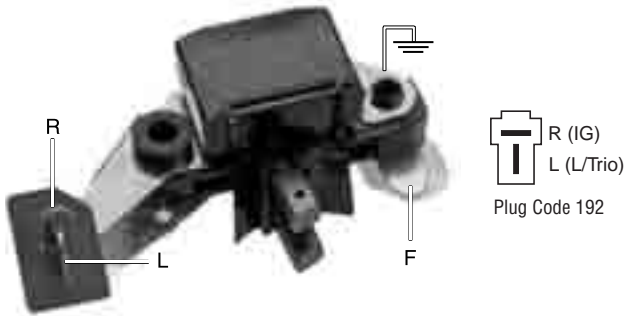
Unit Nos: Mitsubishi A4T25599, A4T25699, A4T25788,
A6T25188; Mitsubishi Motors ME015164, ME017599,
ME077046, ME087651

Lester Nos: 12227, 12232

Components:

TRI400R Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)



IM205-1

(Ref# 35-8304)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

For: Mitsubishi IR/EF Alternators

Used On: (1986-83) Dodge, Mitsubishi

Replaces: Mazda SE21-24-520; Mitsubishi A866T03070, A866T03470 (regulator stamped: 03070, 03470)

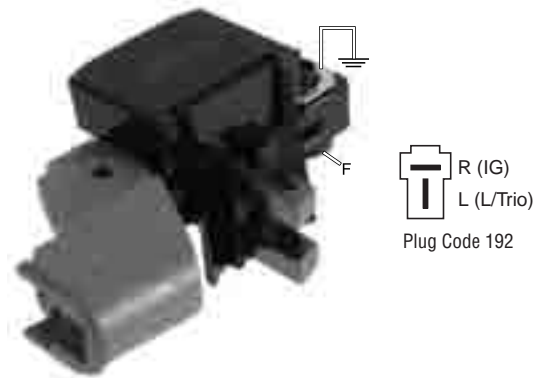
Unit Nos: Mitsubishi A1T32084, A2T43583, A5T15584, A5T20484, A5T22484

Lester Nos: 14690, 14692

WAI Ref. Nos: 1-1208-01MI

Components:

38-8304 Brush



IM212-1

(Ref# 35-8359)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, R-L Terminals, 28.6 Vset

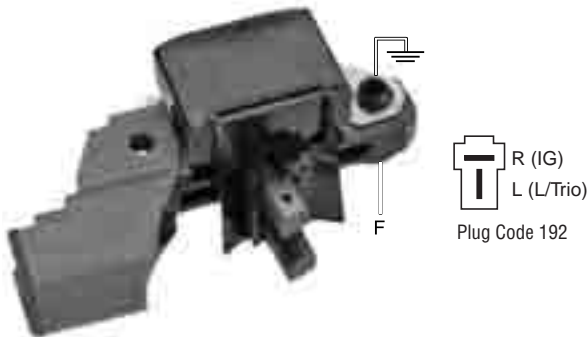
For: Mitsubishi IR/EF Alternators

Used On: Caterpillar, Mitsubishi Fuso, Mitsubishi Lift Trucks

Replaces: Mitsubishi A866T06870, Mitsubishi Motors ME700635

Unit Nos: Mitsubishi A2T72186, A2T72483, A2T72986, A2T72987, A2T72999, A2T73387, A4T57789, A4T57986, A4T57987; Mitsubishi Heavy Industries 34468-25100

Lester Nos: 12308, 12314, 12317



IM208-1

(Ref# 35-8344)

Regulator / Brush Holder Assy.

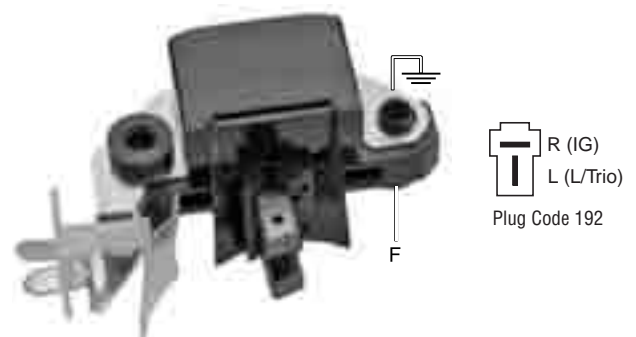
12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Fuso Truck

Replaces: Mitsubishi A866T08570, Mitsubishi Motors ME700755 (regulator stamped: 08570)

Unit Nos: Mitsubishi A2T32386, A2T32583



IM207-1

(Ref# 35-8360)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Mitsubishi Fuso Trucks

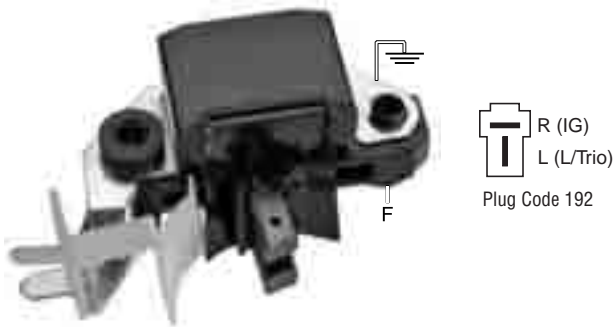
Replaces: Mitsubishi A866T06570

Unit Nos: Mitsubishi A5T22578, A5T22583

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM213-1

Regulator / Brush Holder Assy.

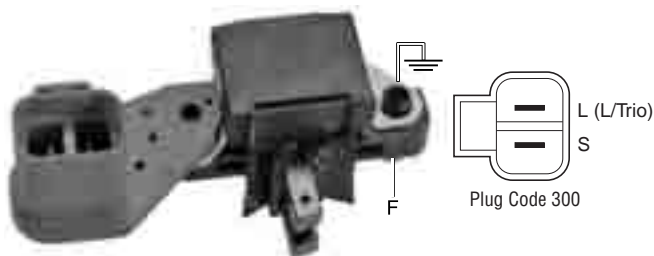
24 Volt, A-Circuit, R-L Terminals, 28.6 Vset

For: Mitsubishi IR/EF Alternators

Used On: Mitsubishi Canter (Australia, UK)

Replaces: Mitsubishi Motors ME700571;
Mitsubishi A866T06670

Unit Nos: Mitsubishi Motors ME007578, ME017560,
ME017561, ME049165; Mitsubishi A5T70178, A5T70183,
A5T70283, A5T70380, A5T70383



IM209

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

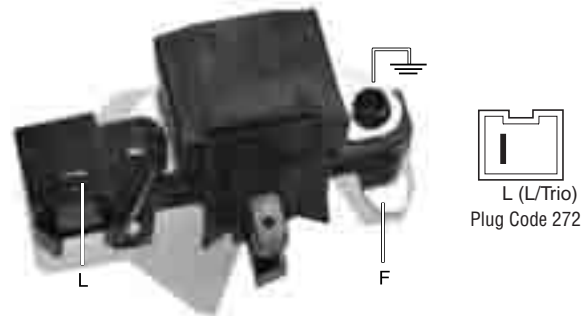
For: Mitsubishi 60A IR/EF Alternators

Used On: Nissan Bluebird 2000 (Diesel)

Replaces: Mitsubishi A866X05870;

Nissan 23125-05E16, 23215-05E16

Unit Nos: Mitsubishi A3T35278; A3T35299, A;
Nissan 23100-05E17, -05E18, -05E70



IM210

(Ref# 35-8345)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, L-Terminal, 14.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: (1991-89) Peugeot

Replaces: Mitsubishi A866T13370 (regulator stamped: 13370)

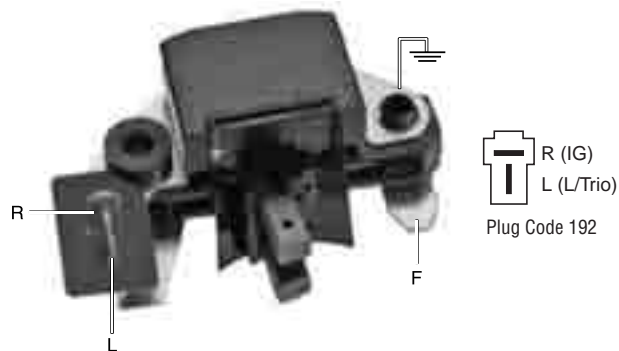
Unit Nos: Mitsubishi A3T03291, A3T03291B, A3T03298

Lester Nos: 13254, 13429

WAI Ref. Nos: 1-1326-01MI, 1-1326-02MI

Components:

38-8304 Brush



IM203-1

(Ref# 35-8358)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, R-L Terminals, 27.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Mitsubishi Lift Trucks

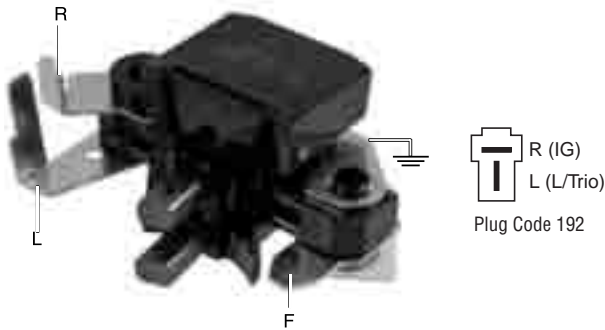
Replaces: Mitsubishi A866T02070

Unit Nos: Mitsubishi A1T70783,
Mitsubishi Heavy Industries 34468-26100

Lester Nos: 12309

Note: Similar to IM204, except IM204 is 12 volt version.

ALTERNATOR - REGULATORS (TRANSPO)



IM204-1

(Ref# 35-8300)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

For: Mitsubishi IR/EF Alternators

Used On: (1987-79) Chrysler, Dodge, Ford, Mazda, Mitsubishi, Plymouth

Replaces: Ford E27Z-10316-A, GRE-545;

Mazda 8173-24-520, N221-24-520;

Mitsubishi A866T00470, 00670, 01970, 02570, 02770, 03270, 04370; Mitsubishi Motors MD607372, MD60757 (regulator stamped: 00470, 00670, 01970, 02570, 02770, 03270, 04370)

Unit Nos: Mitsubishi A1T23377, 31371, 31374, 31377, 31699;

A2T12371, 16371, 16371A, 16471, 16471A, 16871, 16874, 23171, 23271, 23277, 23471, 23474, 23477, 24771, 25071, 25171, 25271, 26072, 26172, 31677, 40377, 41191, 41371, 41377, 46172; A3T21278, 21371, 32772, 32877, 34572, 34672, 34677; A4T25172, 25191, 25199, 30399; A5T15171, 15371, 15471, 20374, 20377, 20571, 21071, 21077, 21471, 23277; AQ2240K1, 2245G1, 2245K1, 2250G1, 2250G7, 2250K1

Lester Nos: 14267, 14268, 14307, 14533, 14550, 14557, 14571, 14596, 14597, 14598, 14600, 14646, 14650, 14696, 14698, 14701, 14702, 14704

WAI Ref. Nos: 1-1138-01MI, 1-1139-01MI, 1-1152-01MI, 1-1159-01MI, 1-1185-01MI, 1-1204-01MI, 1-1209-01MI, 1-1210-01MI, 1-1222-01MI, 1-1223-01MI, 1-1499-01MI, 1-1578-01MI

Components:

38-8304 Brush

Features:

- Self activating circuit
- Superior loading

IM204HD-1

(Ref# 35-8300-1)

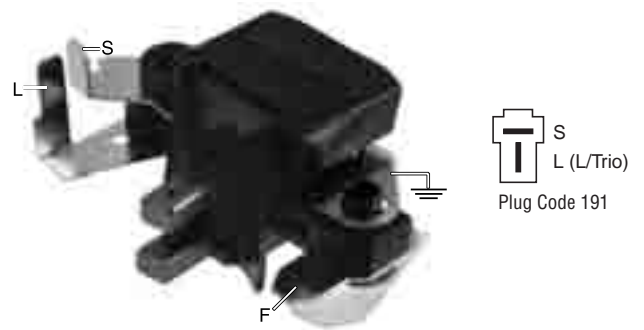
Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.6 Vset

Same as IM204-1 except...

Features:

- Heavy Duty
- Anti-Feedback Diode
- Self activating circuit
- Superior loading
- Larger heat sink for better heat transfer



IM225

(Ref# 35-8306)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: (1986-78) Nissan

Replaces: Mitsubishi A866T00870, A866T02970;

Nissan 23215-P3017, 23215-W7110

(regulator stamped: 00870, 02970)

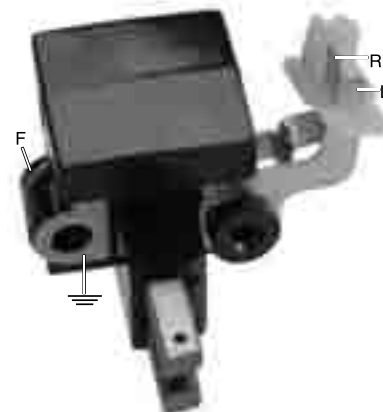
Unit Nos: Mitsubishi A1T22971, A2T24971, A2T40971, A3T33772, A3T40672, A5T20972

Lester Nos: 14231, 14982

WAI Ref. Nos: 1-1097-01MI, 1-1112-01MI

Components:

38-8304 Brush



IM206

(Ref# 35-8307)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators

Used On: Mitsubishi (non-USA)

Replaces: Mitsubishi Motors MD607500;

Mitsubishi A866X01671

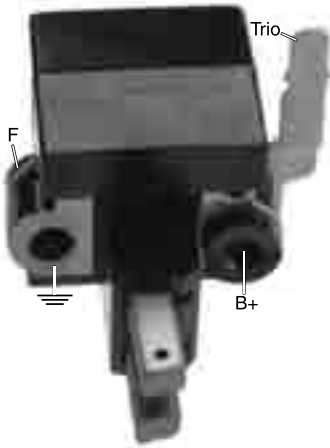
Unit Nos: Mitsubishi A2T24884, A3T21584;

Mitsubishi Motors MD050190

ALTERNATOR - REGULATORS (TRANSPO)

MITSUBISHI

Internal Regulated (cont'd.)



IM214

Regulator / Brush Holder Assy. 24 Volt, A-Circuit, 28.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mazda Trucks (Diesel)
Replaces: Mazda SE01-24-520; Mitsubishi A866X02370
Unit Nos: Mazda SE01-18-300, C, D;
 Mitsubishi A1T70379, A2T70879

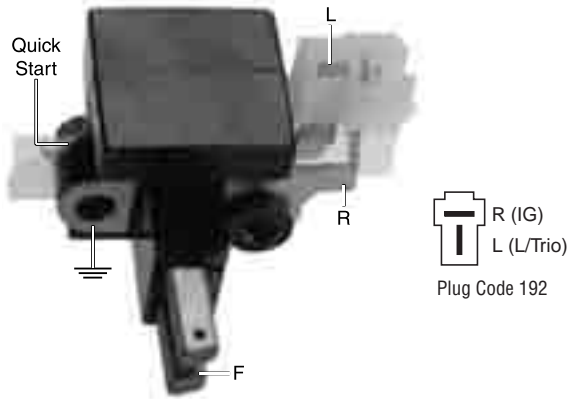


IM215

(Ref# 35-8328)

Regulator / Brush Holder Assy. 24 Volt, A-Circuit, 28.5 Vset

For: Mitsubishi IR/EF Alternators
Used On: Fuso Truck
Replaces: Mitsubishi A866X01070,
 Mitsubishi Motors ME700091 (regulator stamped: 01070)
Unit Nos: Mitsubishi A2T70772, A2T70774, A2T71183,
 A2T71683
Components:
 38-8306 Brush



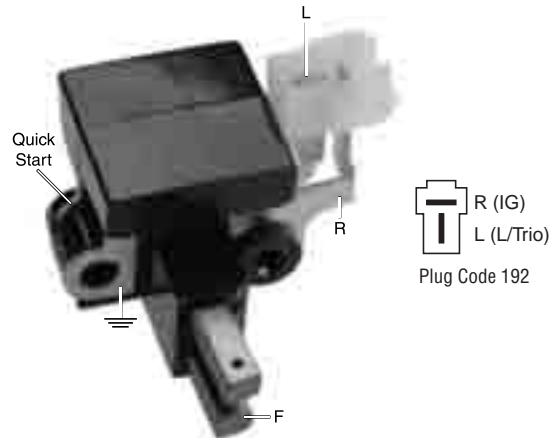
IM224

(Ref# 35-8303)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators
Used On: (1984-82) Mazda (Diesel)
Replaces: Mazda 8599-24-520, Mitsubishi A866X02170 (regulator stamped: 02170)
Unit Nos: Mitsubishi A1T23479, A1T32779, A2T25479
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI
Components:
 38-8306 Brush



IM226

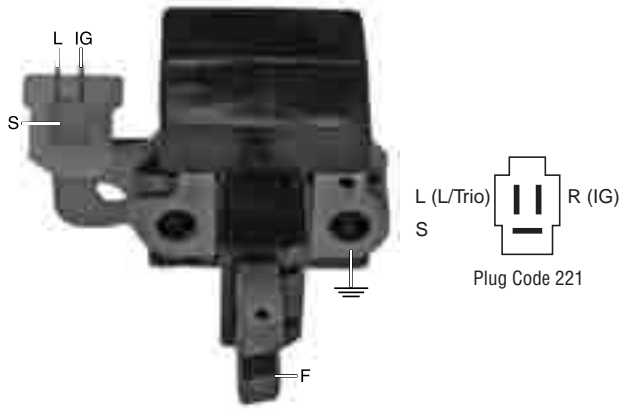
(Ref# 35-8357)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, R-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators
Used On: Mazda Diesel
Replaces: Mazda S501-24-520, Mitsubishi A866X02470
Unit Nos: Mazda S202-18-300A, S509-18-300C;
 Mitsubishi A1T23579, A1T31179, A1T31579, A2T25679
Lester Nos: 14601, 14705
WAI Ref. Nos: 1-1155-01MI

ALTERNATOR - REGULATORS (TRANSPO)



IM227

(Ref# 35-8356)

Regulator / Brush Holder Assy.

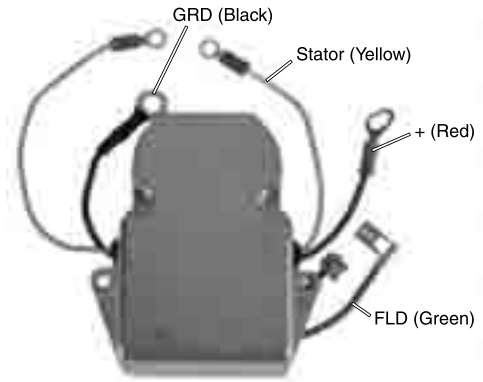
12 Volt, A-Circuit, S-IG-L Terminals, 14.4 Vset

For: Mitsubishi IR/EF Alternators

Used On: Nissan Diesel

Replaces: Mitsubishi A866T01871, Nissan 23215-W1710

Unit Nos: Mitsubishi A2T25377, A2T25378, A2T25578, A2T25584, A2T25598, A3T32977, A3T32989, A3T33678, A3T33684, A3T33698, A3T33698



M5-224A

Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Prestolite 8LHA, 8SA Alternators

Replaces: Motorola / Prestolite 8RG2023, 8RG2023A, 105-224

Unit Nos: Motorola / Prestolite 8HC2021K, 8LHA2022, 8LHA2022R, 8SA2022R; 110-250, -267

Lester Nos: 8055

Terminal ID: Plug-Type K-3 & L; Wiring Code 10

Red Positive (+), Black Ground, Green Field, Yellow Stator

Features:

- Adjustable voltage

MOTOROLA



M5-251

Regulator

24 Volt, A-Circuit, 26.5 Vset

For: Motorola / Prestolite 8SC Series Alternators

Replaces: Motorola / Prestolite 8RL3013, A; 105-251, -383,

Unit Nos: Motorola / Prestolite 8SC3017V, 8SC3018V, 8SC3021V, 8SC3022V, 8SC3110V; 110-306, -308, -568

Features:

- Ignition activated
- Accommodates 5-amp rotor
- Externally adjustable voltage set



M5-237A

(Ref# 35-411)

Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Prestolite 8SA, Load Handler LHA Series Alternators

Replaces: Motorola / Prestolite 8RG2026, 105-237

Terminal ID: Plug Type: K3 & L; Wiring Code: 10

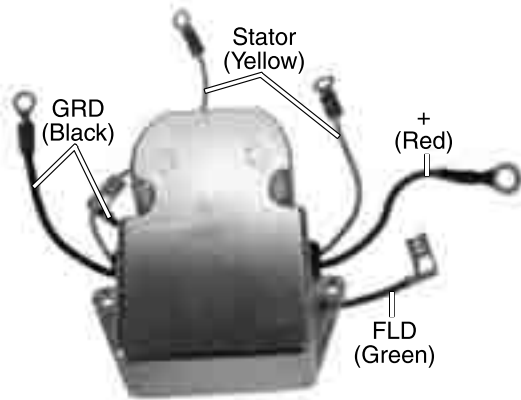
Red Positive (+), Black Ground, Green Field, Yellow Stator.

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

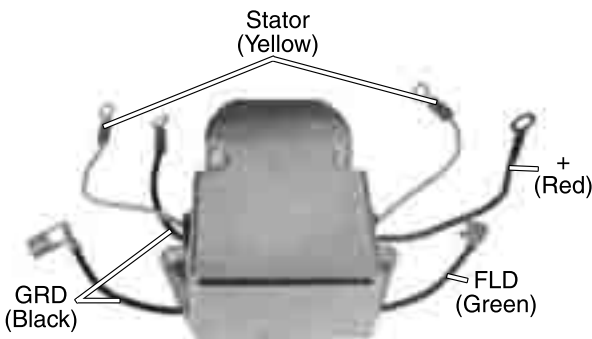
MOTOROLA (cont'd.)



**M5-245A
Regulator**

12 Volt, B-Circuit, 13.8 Vset

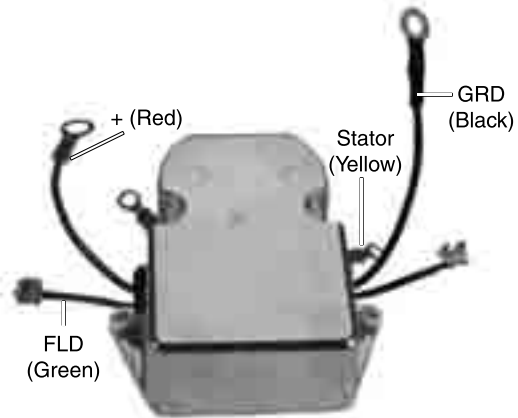
For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG2031, 105-245
Unit Nos: Caterpillar 6T1396, 7T2096;
 Motorola / Prestolite 8HC2023K, 8HC2024K; 110-284, -312
Lester Nos: 8049, 8077
Terminal ID: Plug-Type K-3 & L; Wiring Code 10
 Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
 • Adjustable voltage



**M5-247A
Regulator**

24 Volt, B-Circuit, 27.6 Vset

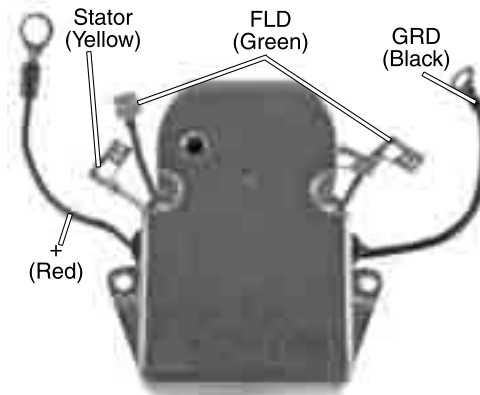
For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG3029, 105-247
Unit Nos: Caterpillar 6T1395;
 Motorola / Prestolite 8HC3022F, 8HC3025F; 110-285, -313
Lester Nos: 8050, 8051
Terminal ID: Plug-Type K3 & L; Wiring Code 10
 Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
 • Adjustable voltage



**M5-249A
Regulator**

24 Volt, B-Circuit, 28.0 Vset

For: Motorola / Prestolite 8LHA Series Alternators
Replaces: Motorola / Prestolite 8RG3032, 105-249
Unit Nos: Motorola / Prestolite 8LHA3025PA, 110-296
Terminal ID: Plug-Type K3 & L; Wiring Code 10
 Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
 • Adjustable voltage

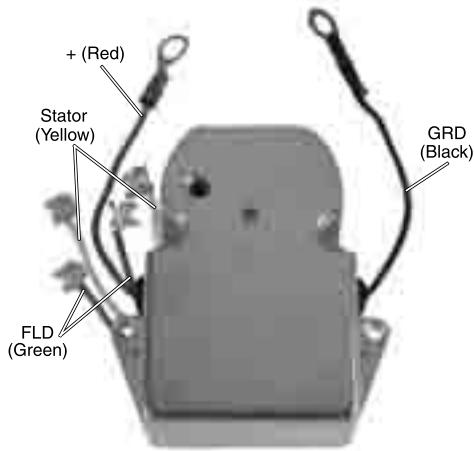


**M5-292A
Regulator**

12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8LHA Series Alternators
Replaces: Ford F3HZ-10316-B, GR-810;
 Motorola / Prestolite 8RG2029A, 105-292
Unit Nos: Motorola / Prestolite 8LHA2027, 8LHA2050VA,
 8LHA2050VC, 8LHA2070V, 8LHA2081V, 8LHA2096VA,
 8LHA8073V; 110-434, -555, -916
Lester Nos: 8058, 8059
WAI Ref. Nos: 1-2126-40MO, 1-2429-00MO
Note: 5 amp field.
 For 7 amp field version use M5-329A.
Terminal ID: Plug-Type: K-3 & L; Wiring Code 10
 Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
 • Adjustable voltage

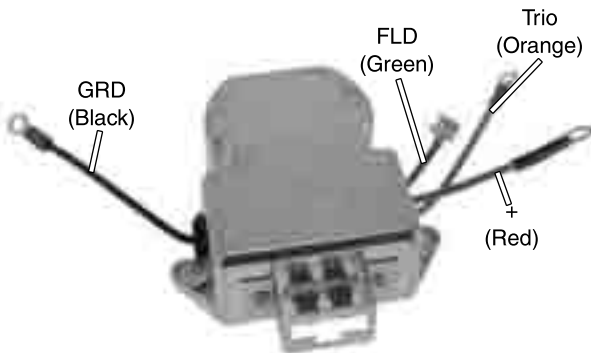
ALTERNATOR - REGULATORS (TRANSPO)



M5-329A
Regulator

12 Volt, A-Circuit, 14.2 Vset

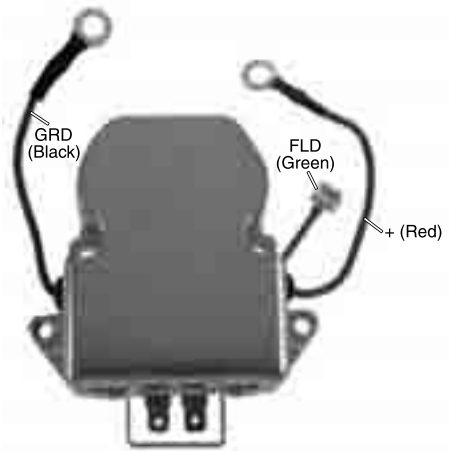
For: Motorola / Prestolite 8LHA Series Alternators
Replaces: Motorola / Prestolite 8RG2101A, 8RG2112; 105-329, -360,
Unit Nos: IHC 3582185C91;
 Motorola / Prestolite 8LHA2070VB, VE; 8LHP2170E, V, VE, VH;
 110-555HD, -555JHO, -555P, -555PHO
Lester Nos: 8058, 8410
WAI Ref. Nos: 1-2429-00MO, 1-2532-00MO, 1-2564-00MO
Note: 7 amp field.
 For 5 amp field version use M5-292A.
Terminal ID: Plug-Type K-3 & L; Wiring Code 10
 Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
 • Adjustable voltage



M5-149A
Regulator

24 Volt, B-Circuit, 28.4 Vset

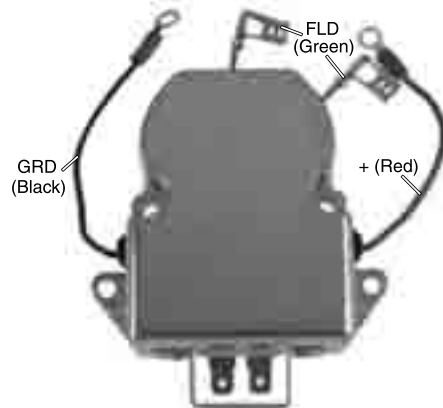
For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG3008, 105-149
Unit Nos: Motorola / Prestolite 8HC3010G, 8HC3017G; 110-196, -222
Lester Nos: 7458, 8042
Terminal ID: Plug-Type Q-1; Wiring Code 13
 Red Positive (+), Black Ground, Green Field, Orange Trio (+)
Features:
 • Adjustable voltage



M5-172A
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8HC Series Alternators
Replaces: Motorola / Prestolite 8RG2011, 8RG2012; 105-169, -172
Unit Nos: Motorola / Prestolite 8HC2012F, 8HC2013P, 8HC2014K, 8HC2015L, 8HC2018L, 8SA2016R; 110-208, -209, -210, -212, -213, -230
Lester Nos: 7457, 7459
Terminal ID: Plug-Type Q; Wiring Code 2
 Red Isolation Diode (+), Black Ground, Green Field
Features:
 • Adjustable voltage



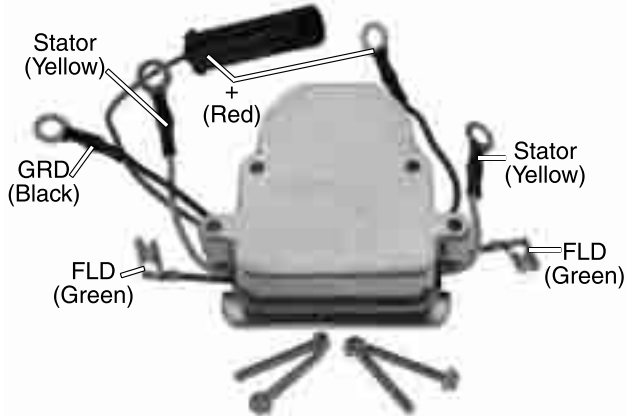
M5-215A
Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2019, 105-215
Unit Nos: Motorola / Prestolite 8MR2025T, 8MR2027T, 8MR2028T, 8MR2034L, 8MR2035T; 110-238, -243, -244
Terminal ID: Plug-Type Q-2; Wiring Code 1
 Red Trio (+), Black Ground, Green Field
Features:
 • Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



M5-050A
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8MR Series Alternators

Used On: Carrier Thermocold

Replaces: Carrier 30-00409-29, 30-00409-44, 30-70158-00;
Motorola / Prestolite 8RG2050, 8RG2050A, 8RG2115A, 105-36
Unit Nos: Motorola / Prestolite 8MR2118F, FA; 8MR2122U, UA;
8MR2125L, LA; 8MR2126U, UA; 8MR2127L, LA, LB; 8MR2128F,
FA; 110-607, -608, -610

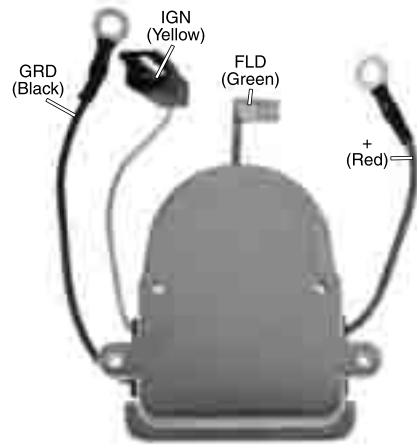
Lester Nos: 8619, 8620, 8621, 8622

Terminal ID: Plug-Type K-3, L & X

Red Positive (+), Black Ground, Green Field, Yellow Stator

Features:

- Adjustable voltage



M5-197A
Regulator

12 Volt, B-Circuit, 15.0 Vset

For: Motorola / Prestolite MR/8MR Series Alternators w/ Isolation Diode

Replaces: Motorola / Prestolite 8RG2010A; 105-64, -197

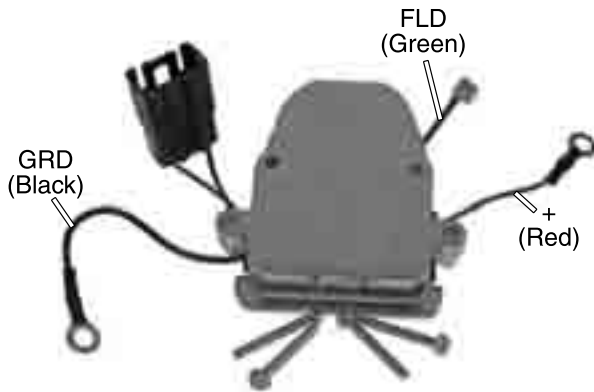
Terminal ID: Plug Type: K, Wiring Code: 3

Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS



M5-181
Regulator

12 Volt, B-Circuit, 15.0 Vset

For: Motorola / Prestolite 8HC, 8MR Series Alternators w/ Isolation Diode

Replaces: Motorola / Prestolite 8RG2010C; 105-69, -181

Terminal ID: Plug Type M; Wiring Code 2

Red Isolation Diode (+), Black Ground, Green Field

Note: For adjustable voltage use M5-181A.

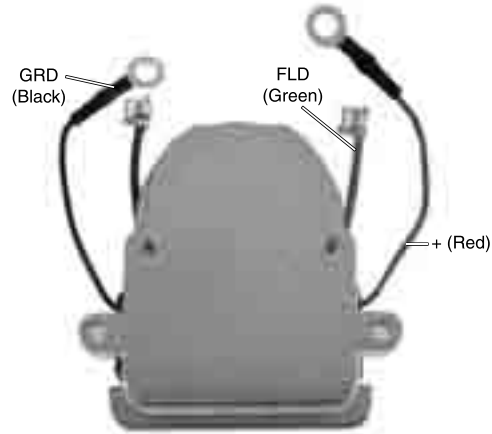
M5-181A
Regulator

12 Volt, B-Circuit, 15.0 Vset

Same as M5-181 except...

Features:

- Adjustable voltage



M5-200
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8SA, 12SA, Load Handler LHA Series Alternators

Replaces: Motorola / Prestolite 8RG2009B, 8RG2009D;
105-23, -200, -202

Unit Nos: Motorola / Prestolite 8HC2027P, 8LHA2012R,
8SA2001N, 8SA2002N, 8SA2007R, 8SA2012R, 12SA113A,
12SA113B, 12SA115A, 12SA115B, 12SA202;
Prestolite 110-93, -95, 105, -106, -125, -138

Lester Nos: 7386, 7388, 7411, 7413

Terminal ID: Plug-Type: K-1; Wiring Code 1

Red Trio (+), Black Ground, Green Field.

Note: Short key hole case style.

For adjustable voltage use M5-200A.

ALTERNATOR - REGULATORS (TRANSPO)

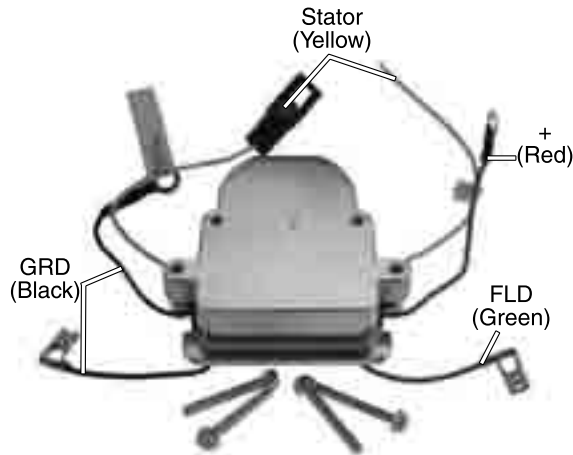
M5-200A Regulator

12 Volt, B-Circuit, 14.2 Vset

Same as M5-200 except...

Features:

- Adjustable voltage



M5-200SA12 Regulator

12 Volt, B-Circuit, 14.2 Vset

Same as M5-200 except...

Terminal ID: Plug-Type: K-1; Wiring Code 9

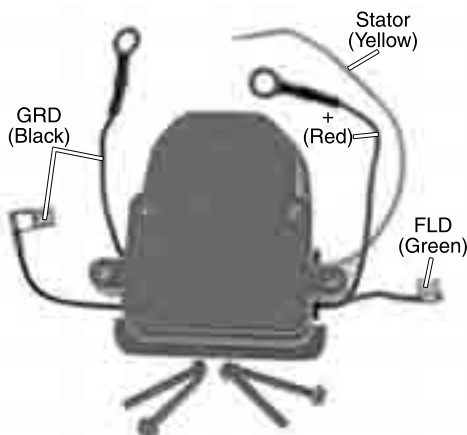
Red Positive (+), Black Ground, Green Field, Yellow Stator, Yellow (Plug) Light.

Note: Stator activated version of M5-200.

For 24 volt version use M5-200SA24

Features:

- Adjustable voltage
- Converts to 1-wire hook-up
- Fast cut-in
- Indicator light



M5-200SA24 Regulator

24 Volt, B-Circuit, 27.5 Vset

Same as M5-200 except...

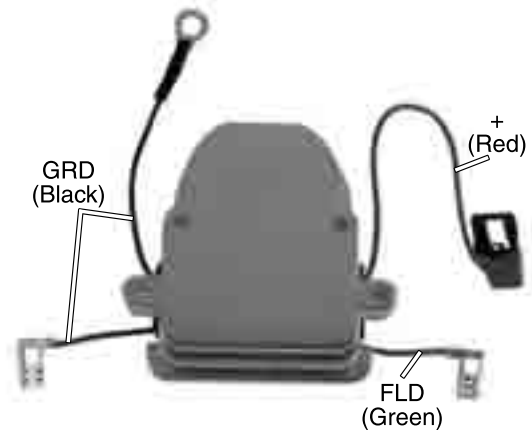
Terminal ID: Plug-Type: K-1; Wiring Code 9

Red Positive (+), Black Ground, Green Field, Yellow Stator, Yellow (Plug)

Note: 24 volt version of M5-200SA12.

Features:

- Adjustable voltage
- Converts to 1-wire hook-up
- Fast cut-in



M5-203A Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8SA Series Alternators

Replaces: Motorola / Prestolite 8RG2009E, 8RG2009H; 105-203, -217

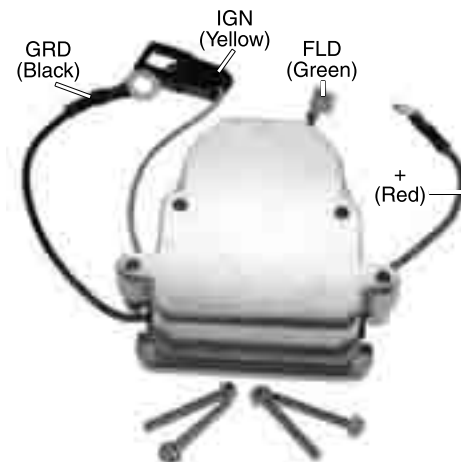
Unit Nos: Motorola / Prestolite 8HC2009P, 8SA2017R, 8SA2019R; 110-205, -229, -236

Lester Nos: 8048

Terminal ID: Plug-Type K-2; Wiring Code 1
Red Trio (+), Black Ground, Green Field

Features:

- Adjustable voltage



M5-207A Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8MR Series Alternators

Replaces: Motorola / Prestolite 8RG2009A, 8RG2035A; 105-207, -250; Thermo King 44-7012

Unit Nos: Motorola / Prestolite 8MR2022K, 8MR2023F, 8MR2024F, 8MR2026P, 8MR2048K, 8MR2049K, 8MR2050F, 8MR2051F, 8MR2058P; 110-223, -224, -259, -269, -270, -271, -272, -292, -307

Lester Nos: 7466, 7489, 7495, 7497, 7499, 8044

Terminal ID: Plug-Type: K; Wiring Code 4
Red Trio (+), Black Ground, Green Field, Yellow Ignition

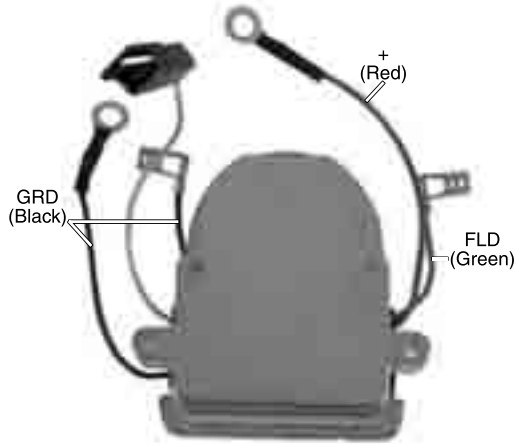
Note: Short key hole case style.

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



M5-208A
Regulator

24 Volt, B-Circuit, 29.9 Vset

For: Motorola / Prestolite Alternators

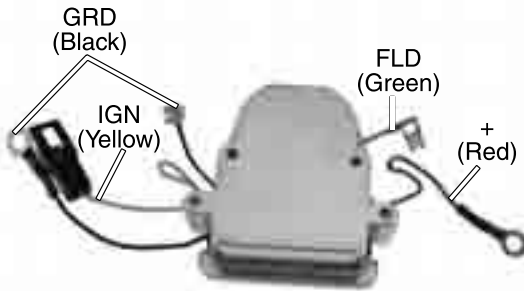
Replaces: Motorola / Prestolite 8RG3016G, 105-208

Terminal ID: Plug-Type: K-1 & X; Wiring Code 3

Red Isolation Diode (+), Black Ground, Green Field

Features:

- Adjustable voltage



M5-209A
Regulator

24 Volt, B-Circuit, 28.0 Vset

For: Motorola / Prestolite 8SA Series Alternators

Replaces: Motorola / Prestolite 8RG3017G, 105-209

Unit Nos: Motorola / Prestolite 8SA3008P, 8SA3033P;

110-126, -319

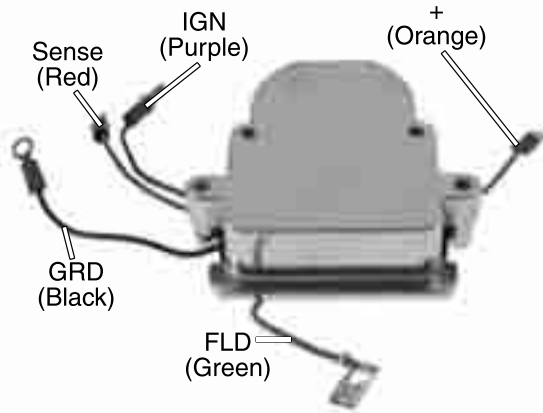
Lester Nos: 7585

Terminal ID: Plug-Type: K-1 & X; Wiring Code 4

Red Trio (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage



M5-214A
(Ref# 35-407)
Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Prestolite 8MR Series Alternators
wo/ Isolation Diode

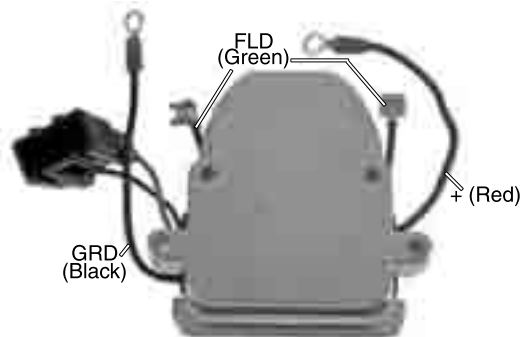
Replaces: Motorola / Prestolite 8RG2015, 8RG2018, 8RG2027;
105-193, -214, -240

Terminal ID: Plug Type: W-1, Wiring Code: 14

Red Sense (+), Black Ground, Green Field, Orange Trio (+),
Purple Ignition

Features:

- Adjustable voltage



M5-225
Regulator

12 Volt, A-Circuit, 14.4 Vset

For: Motorola / Prestolite 8MR Series Alternators

Replaces: Motorola / Prestolite 8RG2021, 105-225

Unit Nos: Motorola / Prestolite 8MR2030T, 110-242

Lester Nos: 8045

Terminal ID: Plug-Type: K-1 & Y; Wiring Code 1

Red Trio (+), Black Ground, Green Field

Note: For adjustable voltage use M5-225A.

M5-225A
Regulator

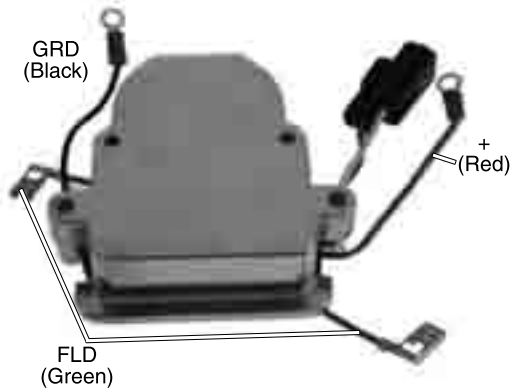
12 Volt, A-Circuit, 14.4 Vset

Same as M5-225 except...

Features:

- Adjustable voltage

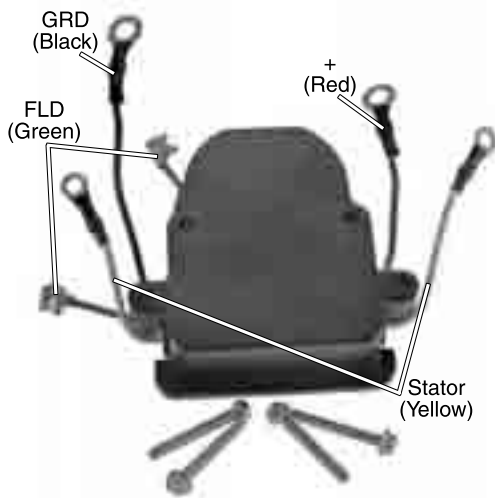
ALTERNATOR - REGULATORS (TRANSPO)



M5-226A Regulator

12 Volt, A-Circuit, 14.4 Vset

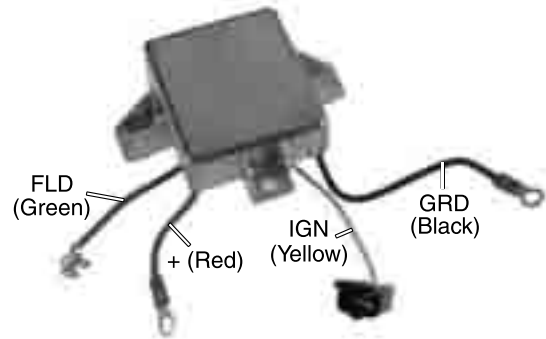
- For:** Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2022, 105-226
Unit Nos: Motorola / Prestolite 8MR2033T, 110-252
Lester Nos: 7471
Terminal ID: Plug-Type K-1 & P; Wiring Code 1
 Red Trio (+), Black Ground, Green Field
Features:
- Adjustable voltage



M5-280A Regulator

12 Volt, A-Circuit, 14.2 Vset

- For:** Motorola / Prestolite 8MR Series Alternators
Replaces: Motorola / Prestolite 8RG2043, 105-280
Unit Nos: Motorola / Prestolite 8MR2069T, 8MR2070T;
 110-402, -403
Lester Nos: 8370
Terminal ID: Plug-Type K3 & L; Wiring Code 10
 Red Positive (+), Black Ground, Green Field, Yellow Stator
Features:
- Adjustable voltage



M5-151 (Ref# 35-402) Regulator

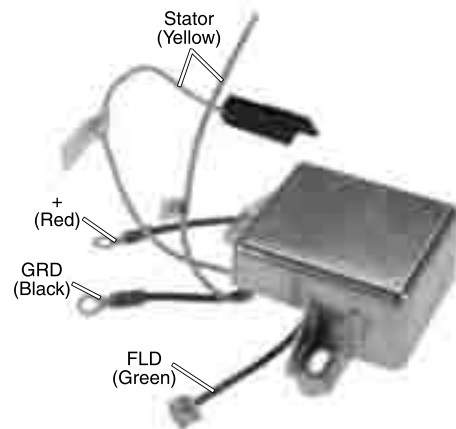
12 Volt, B-Circuit, 15.0 Vset

- For:** Motorola / Prestolite RA/8AR Series Alternators
 w/ Isolation Diode
Replaces: Motorola / Prestolite 8RF2011A;
 105-29, -43, -63, -151
Terminal ID: Plug Type: K; Wiring Code: 3
 Red Isolation Diode (+), Black Ground, Green Field,
 Yellow Ignition
Note: For adjustable voltage use M5-151A.

M5-151A Regulator

12 Volt, B-Circuit, 15.0 Vset

- Same as M5-151 except...
Features:
- Adjustable voltage



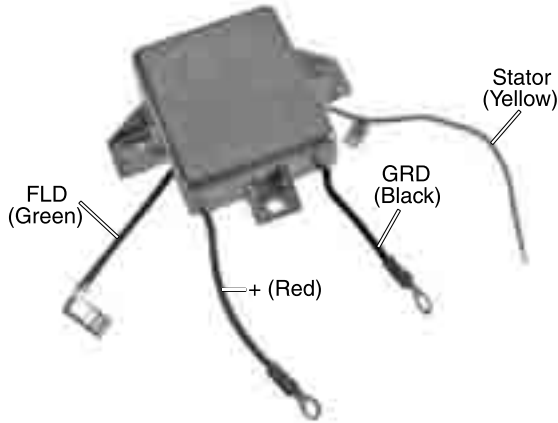
M5-151SA12 Regulator

12 Volt, B-Circuit, 14.2 Vset

- Same as M5-151 except...
Terminal ID: Plug-Type: K; Wiring Code 9
 Red Positive (+), Black Ground, Green Field, Yellow Stator,
 Yellow (Plug) Light
Note: Stator activated version of M5-151.
 For 24 volt version use M5-151SA24
Features:
- Adjustable voltage
 - Eliminates excitation resistors & isolation diode
 - Converts to 1-wire hook-up
 - Fast cut in
 - Indicator light

ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



M5-151SA24
Regulator
24 Volt, B-Circuit, 27.5 Vset

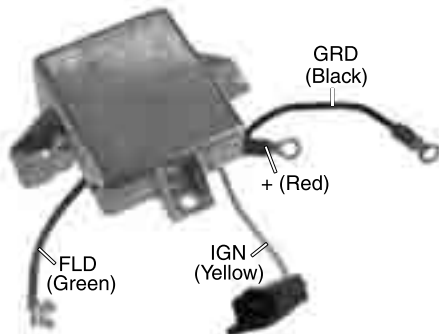
Same as M5-151 except...

Terminal ID: Plug-Type: K; Wiring Code 9 (wo/ Light)
Red Positive (+), Black Ground, Green Field, Yellow Stator

Note: 24 volt version of M5-151SA12.

Features:

- Adjustable voltage
- Eliminates excitation resistors & isolation diode
- Converts to 1-wire hook-up
- Fast cut in



M5-152A
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8AR Series Alternators

Replaces: Motorola / Prestolite 8RF2012A, 8RF2021A;
105-152, -242

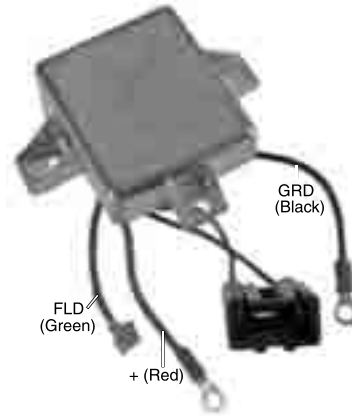
Unit Nos: Carrier 30-00351; Motorola / Prestolite 8AR2021K,
8AR2028F, 8AR2033F, 8AR2037F, 8AR2041F, 8AR2043F,
8AR2060F, 8AR2062K, 8AR2066F, 8AR2067L, 8AR2068F,
8AR2068FM, 8AR2069F, 8AR2070K, 8AR2072F, 8AR2073F,
8AR2075F, 8AR2081F; 110-178, -261, -262, -263, -273, -274,
-283, -287, -288, -289, -291, -315

Lester Nos: 7380, 7435, 7461, 7475, 8056

Terminal ID: Plug-Type K; Wiring Code 4
Red Trio (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage



M5-153A
(Ref# 35-408)
Regulator

12 Volt, B-Circuit, 15.0 Vset

For: Motorola / Prestolite RA/8AR Series Alternators
w/ Isolation Diode

Replaces: John Deere AR78298;

Motorola / Prestolite 8RF2014C, 8RF2023C; 105-153, -256

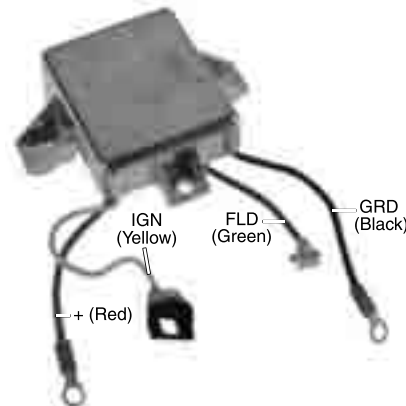
Unit Nos: Motorola / Prestolite 8AR2006, 8AR2012K,
8AR2013F, 8AR2025K, 8AR2044F, 8AR2045K, 8AR2048F,
8AR2049K, 8AR2050F, 8AR2051K, 8AR2076K, RA12N35JD1,
RA12N5105-JD1, RA12N5105-JD5, RA12N5105-JD6,
RA12N5105-JD7, RA12N5105-JD8, RA12N55-JD6,
RA12NJD453, RA12NJD604; 110-38, -39, -194, -240, -241,
-325;

Lester Nos: 7356, 7357, 7364, 7369

Terminal ID: Red D+, Black D-, Green DF

Features:

- Adjustable voltage



M5-182A
Regulator

24 Volt, B-Circuit, 29.2 Vset

For: Motorola / Prestolite RA24 Series Alternators

Replaces: Motorola / Prestolite 8RF3016A, 105-182

Unit Nos: Motorola / Prestolite RA24-900, RA24N900,
RA24N900D, RA24N901; 110-62, -111

Lester Nos: 7399

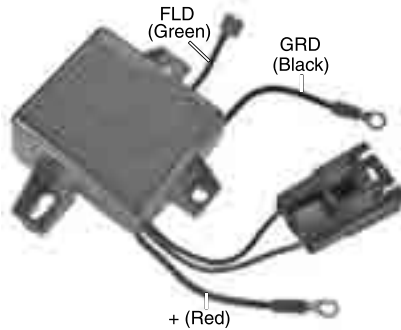
Terminal ID: Plug-Type K; Wiring Code 3

Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)



M5-183A
Regulator

24 Volt, B-Circuit, 29.2 Vset

For: Motorola / Prestolite 8AR, RA24 Series Alternators

Replaces: Motorola / Prestolite 8RF3017C, 105-183

Unit Nos: Motorola 8AR3010, RA24JD902; 110-40

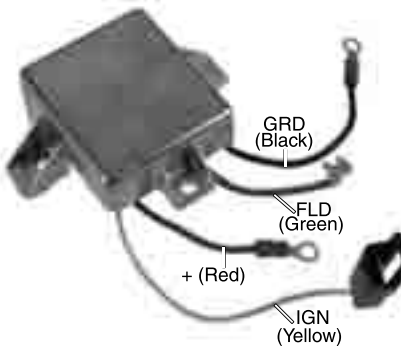
Lester Nos: 7358

Terminal ID: Plug-Type M; Wiring Code 2

Red Isolation Diode (+), Black Ground, Green Field

Features:

- Adjustable voltage



M5-248A
Regulator

24 Volt, B-Circuit, 28.4 Vset

For: Motorola / Prestolite 8AR Series Alternators

Replaces: Motorola / Prestolite 8RF3022, 105-248

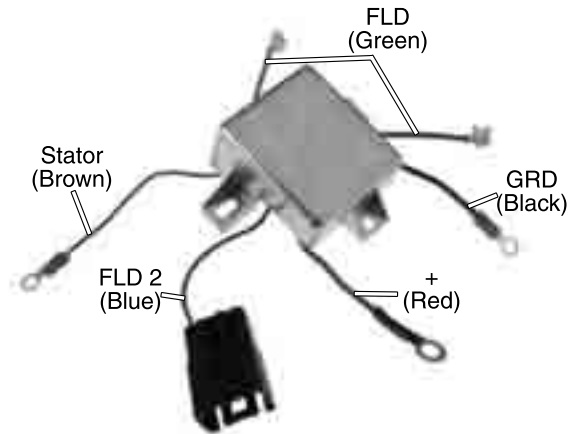
Unit Nos: Motorola / Prestolite 8AR3077F, 8AR3080F; 110-295, -301

Terminal ID: Plug-Type K; Wiring Code 4

Red Trio (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage



M5-104A
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8TA Series Alternators

Replaces: Motorola / Prestolite 8RF2001, 105-104

Unit Nos: Motorola / Prestolite 8TA2003D, 8TA2005D, 8TA2019E, 8TA2024D; 110-204, -220

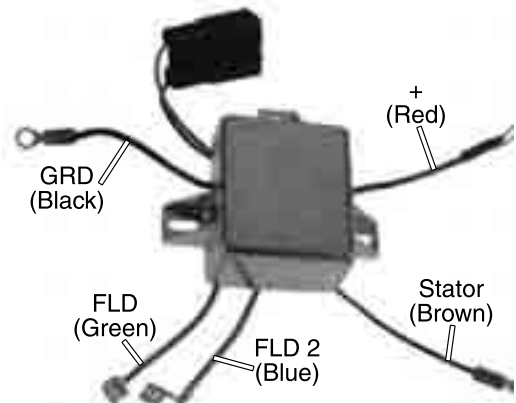
Lester Nos: 7447, 7456

Terminal ID: Plug-Type V; Wiring Code 15

Red Positive (+), Black Ground, Green Field, Brown Stator, Blue Field 2

Features:

- Adjustable voltage



M5-121A
Regulator

12 Volt, A-Circuit, 14.2 Vset

For: Motorola / Prestolite 8TA Series Alternators

Replaces: Motorola / Prestolite 8RF2003, 105-121

Unit Nos: Motorola / Prestolite 8TA2009E, 8TA2021E, 8TA2023D, 8TA2026E; 110-166, -231

Lester Nos: 8052

Terminal ID: Plug-Type O; Wiring Code 15

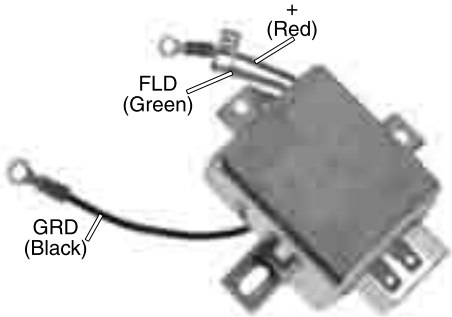
Red Positive (+), Black Ground, Green Field, Brown Stator, Blue Field 2

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



M5-164A Regulator

24 Volt, B-Circuit, 28.4 Vset

For: Motorola / Prestolite 8TA Series Alternators

Replaces: Motorola / Prestolite 8RF3013, 105-164

Unit Nos: Motorola / Prestolite 8TA3020C, 8TA3025C, 8TA3052C; 110-202, -221, -227

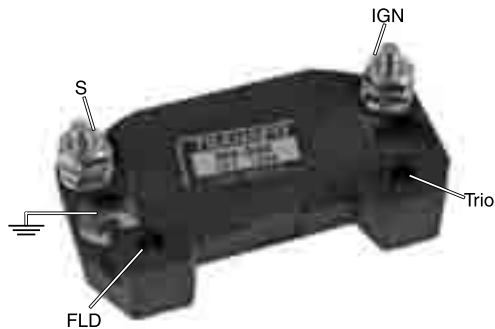
Lester Nos: 7455, 8043

Terminal ID: Plug-Type Q; Wiring Code 1

Red Trio (+), Black Ground, Green Field

Features:

- Adjustable voltage



M5-265 (Ref# 35-412) Regulator

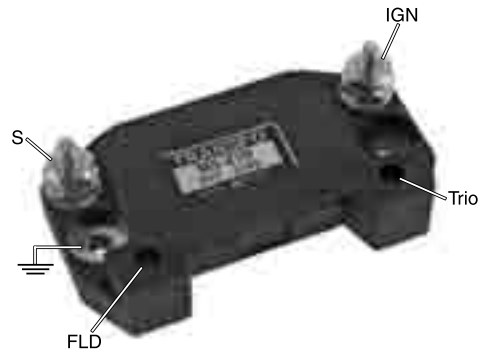
12 Volt, A-Circuit, 14.4 Vset, Battery Sense

For: Motorola / Prestolite 8E Series Alternators

Replaces: Motorola / Prestolite 8RC2008A, 105-265; Thermo King 44-7322

Unit Nos: Motorola / Prestolite 8EA2003FA, 8EA2003FB, 8EA2005K, 8EA2006K, 8EA2016F, 8EA2016FA, 8EA2017N, 8EA2017NA, 8EA2019DA, 8EA2020NA, 8EA2020NB, 8EA2023N, 8EK2003FA, 8EK2003FB, 8EK2004DA, 8EK2005NA, 8EK2006FA, 8EK2007NA, 8EK2008FA, 8EK2009FA, 8EK2010NA, 8EM2003K, 8EM2004K, 8EM2004KB, 8EM2009NA, 8EM2009ND, 8EM2014K, 8EM2015N, 8EM2017K, 8EM2019F, 8EM2020NA; 110-345, -346, -354, -355, -372, -380, -382, -386, -387, -389, -393, -395, -399, -400 ; Thermo King 44-7155, 44-7156, 44-7376, 44-7925

Note: Plug Type MM



M5-270 Regulator

24 Volt, A-Circuit, 28.4 Vset

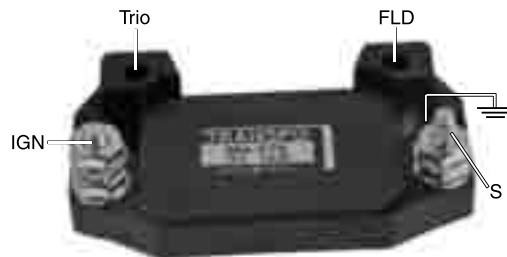
For: Motorola / Prestolite 8EA, 8EM Series Alternators

Replaces: Motorola / Prestolite 8RC3011A, 105-270

Unit Nos: Motorola / Prestolite 8EA3003G, 8EA3004G, 8EM3002GA, 8EM3002GB, 8EM3002GC, 8EM3004G; 110-376, -394, -396

Lester Nos: 7483

Note: Plug-Type MM



M5-276 (Ref# 35-414) Regulator

12 Volt, A-Circuit, 14.0 Vset, Battery Sense

For: Motorola / Prestolite 8E Series Alternators

Replaces: Motorola / Prestolite 8RC2013, 105-276, Thermo King 44-7928

Unit Nos: Motorola / Prestolite 8EK2003FB, 8EK2004DC, 8EK2005NB, 8EK2006FB, 8EK2007NB, 8EK2008FB, 8EK2009FB, 8EK2010NB, 8EM2020NB; 110-393, -399, -400; Thermo King 44-7926, 844-7924, 844-7925, 844-7927

Note: Plug Type MM

ALTERNATOR - REGULATORS (TRANSPO)



M5-266
(Ref# 35-413)
Regulator

12 Volt, A-Circuit, 14.4 Vset, Diode Trio Sense

For: Motorola / Prestolite 8E Series Alternators

Replaces: Carrier 30-00363-02;

Motorola / Prestolite 8RC2009, 8RC2009A, 105-266

Unit Nos: Motorola / Prestolite 8EA2001F, 8EA2002F, 8EA2004F, 8EA2005K, 8EA2007K, 8EA2008K, 8EA2009K, 8EA2010K, 8EA2011N, 8EA2012N, 8EA2013N, 8EA2014F, 8EA2015F, 8EA2018N, 8EA2021F, 8EA2022F, 8EA2024N, 8EA2026F, 8EA37N12, 8EA65N12, 8EH2001NA, 8EK2001F, 8EK2002N, 8EM2001F, 8EM2002F, 8EM2005KA, 8EM2005KB, 8EM2006K, 8EM2007K, 8EM2008N, 8EM2010K, 8EM2011N, 8EM2012N, 8EM2013N, 8EM2016K, 8EM2018G, 8EM2021KA, 8EM2021KB, 8EM2022F, 8EM2023N, 8EM2025K, 8EM37N12, 8EM65N12; 110-326, -329, -330, -331, -333, -342, -343, -345, -347, -348, -349, -356, -357, -358, -363, -365, -367, -368, -370, -373, -374, -375, -377, -379, -383, -385, -388, -390, -391, -396, -397, -405, -406

Note: Plug Type MM



M5-269
Regulator
24 Volt, A-Circuit, 28.4 Vset

For: Motorola / Prestolite 8EA, 8EM Series Alternators

Replaces: Motorola / Prestolite 8RC3012A, 105-269

Unit Nos: Motorola / Prestolite 8EA3002G, 8EM3001G, 8EM3001GA, 8EM3003G, 8EM3003GA, 8EM42N24; 110-371, -378, -384

Note: Plug-Type MM



M5-130
Regulator

12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite 12N, A/8AL, HA, MA Series Alternators w/ Isolation Diode

Replaces: Motorola / Prestolite 8RH2004A; 105-49, -62, -72, -130

Terminal ID: Plug Type A-1, Wiring Code 3

Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition.

Note: For adjustable voltage use M5-130A.

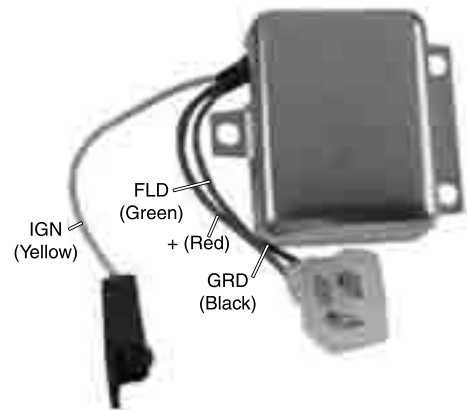
M5-130A
(Ref# 35-400)
Regulator

12 Volt, B-Circuit, 15.2 Vset

Same as M5-130 except...

Features:

- Adjustable voltage



M5-137A
(Ref# 35-405)
Regulator

12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite A12N, MA12N Series Alternators

Replaces: Motorola / Prestolite 8RH2004B; 105-13, -20, -36, -37, -137

Unit Nos: Motorola / Prestolite 8MA2001, A12NJD451, A12NJD452, A12NJD602, A12NJD603, MA12NJD451, MA12NJD601, MA12NJD602, MA12NJD603, MA12NJD604, Y3N3LE/A1, Y3N3LE/S, Y3N3S, Y3N3S-1, Y5N3S/A1, Y5N3S/D, Y5N3S-1, Y5N3SE/A1, Y5N3SE/S, Y5N3S-H; 110-27, -31, -41, -110

Lester Nos: 7353, 7354, 7423, 7432

Terminal ID: Plug-Type C-1; Wiring Code 3

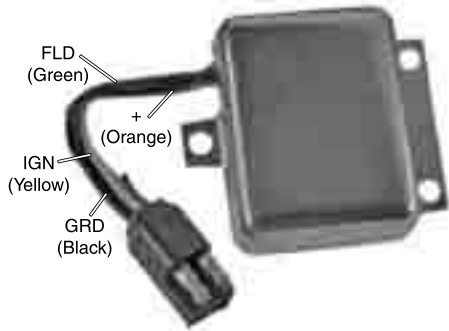
Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



M5-138A
Regulator

12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite A12N Series Alternators

Replaces: Motorola / Prestolite 8RH2004C, 105-138

Unit Nos: Motorola / Prestolite A12NAM455, A12NAM552, A12NAM553, A12NAM604, A12NAM605; 110-36, -37, -45, -46, -49

Lester Nos: 7091, 7395

Terminal ID: Plug-Type E; Wiring Code 5

Orange Isolation Diode (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage



M5-148A
Regulator

24 Volt, B-Circuit, 28.0 Vset

For: Motorola / Prestolite 8MA, A24N, MA24N Series Alternators

Replaces: Motorola / Prestolite 8RD3019, 8RD3024A; 105-148, -157; Thermo King 44-2349

Unit Nos: Motorola / Prestolite 24/32SA104A, 24/32SA104B, 24/32SA107A, 24/32SA107B, 8MA3006F, 8MA3007F, 8MH3005F, A24N900, A24N900D, A24N901, A24N901D, A24NEB900, A24NWM901, HA24-900, HA24N900, MA24-900, MA24-902, MA24N900, MA24N900D, MA24NTK901R, MH24-902; 110-13, -24, -25, -64, -65, -70, -71, -131, -132, -245

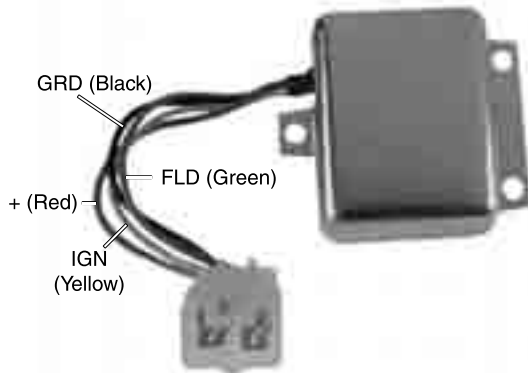
Lester Nos: 7370, 7371, 7385, 7398, 7433, 7434, 7488, 7493

Terminal ID: Plug-Type A; Wiring Code 1

Red Trio (+), Black Ground, Green Field

Features:

- Adjustable voltage



M5-146
Regulator

12 Volt, B-Circuit, 15.2 Vset

For: Motorola / Prestolite 8AL, A12N Series Alternators

Replaces: Motorola / Prestolite 8RH2004D, E; 105-139, -146

Unit Nos: Motorola / Prestolite 8AL2004F, 2005F, 2006F, 2007F, 2008K, 2009K, 2020L; A12NAM456, 457, 606, 607; A12NJD454; 110-30, -101, -102, -118, -119, -120

Lester Nos: 7353, 7391, 7395

Terminal ID: Plug-Type N; Wiring Code 3

Red Isolation Diode (+), Black Ground, Green Field, Yellow Ignition.

Note: For adjustable voltage use M5-146A.

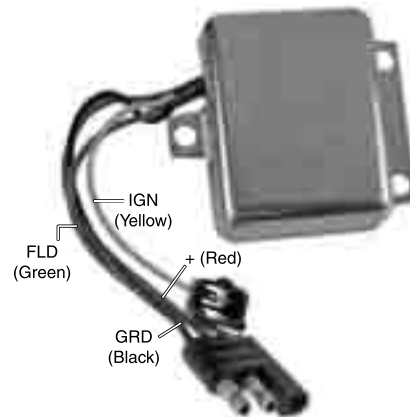
M5-146A
Regulator

12 Volt, B-Circuit, 15.2 Vset

Same as M5-146 except...

Features:

- Adjustable voltage



M5-150A
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8MH Series Alternators

Replaces: Carrier 10-00265-01;

Motorola / Prestolite 8RD2018, 8RD2023, 8RD2029; 105-136, -150, -191

Unit Nos: Motorola / Prestolite 8HA2001L, 8HR2002L, 8MA2005F, 8MH2002P, 8MH2003K, 8MH2004F, 8MH2006K, 8MH2007P, 8MH2008P, MA12-451, MH12-451, MH12N602; 110-72, -73, -84, -129, -130, -133, -134, -142, -200, -211

Lester Nos: 7372, 73; 7412, 16, 17, 18, 19, 74, 92

Terminal ID: Plug-Type A-1; Wiring Code 4

Red Trio (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)



M5-156A
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8SA, 12SA Series Alternators
Replaces: Motorola / Prestolite 8RD2020, 8RD2022, 8RH2003K; 105-154, -156, -211

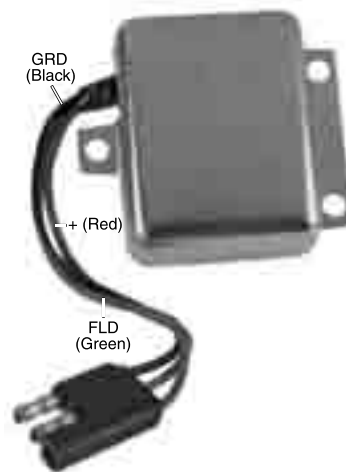
Unit Nos: Motorola / Prestolite 8MH2001P, 8SA2009R, 8SA2010R, 8SA2013N, 8SA2014R, 8SA2015R, 12SA101A, 12SA101B, 12SA102A, 12SA102B, 12SA105A, 12SA105B, 12SA106A, 12SA106B, 12SA109A, 12SA109B, 12SA201, MH12N601, MH12NJC551; 110-21, -22, -48, -63, -89, -135, -136, -191, -201

Lester Nos: 7350, 7402, 7409, 7412

Terminal ID: Plug-Type A; Wiring Code 1
Red Trio (+), Black Ground, Green Field

Features:

- Adjustable voltage



M5-177A
Regulator

24 Volt, B-Circuit, 28.0 Vset

For: Motorola / Prestolite 8EB Series Alternators
Replaces: Motorola / Prestolite 8RD3025A, 8RH3016K; 105-161, -177; Thermo King 44-4932

Unit Nos: Motorola / Prestolite 8EB3001G, 8SA3005P, MH24N901; 110-59, -124, -338

Lester Nos: 7338, 7392

Terminal ID: Plug-Type A; Wiring Code 1
Red Trio (+), Black Ground, Green Field

Features:

- Adjustable voltage



M5-174A
Regulator

12 Volt, B-Circuit, 14.1 Vset

For: Motorola / Prestolite 8AL Series Alternators

Replaces: Motorola / Prestolite 8RH2002, 105-174

Unit Nos: Motorola / Prestolite 8AL2046F, 8AL2047F, 8AL2048F, 8AL2049K

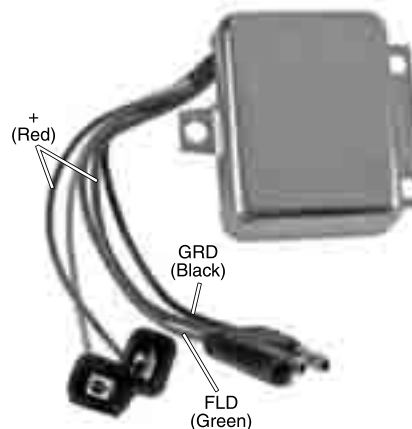
Lester Nos: 7394, 7443

Terminal ID: Plug-Type E; Wiring Code 6

Orange Trio (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage



M5-204A
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite Alternators

Replaces: Motorola / Prestolite 8RD2031, 105-204

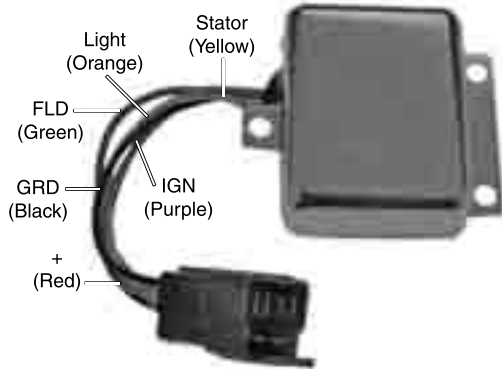
Terminal ID: Plug-Type D-D; Wiring Code 1
Red Trio (+), Black Ground, Green Field.

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

MOTOROLA (cont'd.)



M5-216
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Prestolite 8TA, TA12N Series Alternators

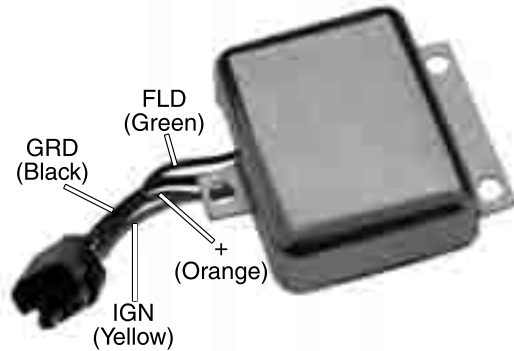
Replaces: Motorola / Prestolite 8RD2008, 8RD2037; 105-113, -216

Unit Nos: Motorola / Prestolite 8MA2002K, 8TA2005D, 8TA2006D, 8TA2007D, TA12NJD325, TA12NJD327, TA12NJD400; 110-50, -98, -99, -170

Lester Nos: 7359, 7360, 7432, 7449, 7456, 8053

Terminal ID: Plug-Type: D; Wiring Code 11

Red Positive (+), Black Ground, Green Field, Yellow Stator, Orange Light, Purple Ignition



M5-228A
Regulator

12 Volt, B-Circuit, 14.1 Vset

For: Motorola / Prestolite 8AL Series Alternators

Replaces: Motorola / Prestolite 8RH2006, 8RH2023, 8RH2026, 8RH2032; 105-205, -228, -230

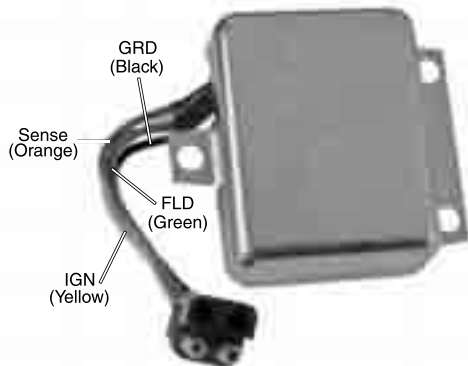
Unit Nos: Motorola / Prestolite 8AL2080K, 8AL2095K, 8AL2096K, 8AL2099K, 8AL2100L; 110-249, -746, -753, -778, -779

Terminal ID: Plug-Type E; Wiring Code 6

Orange Trio (+), Black Ground, Green Field, Yellow Ignition

Features:

- Adjustable voltage



M5-223A
Regulator

12 Volt, B-Circuit, 13.8 Vset

For: Motorola / Prestolite 8LHA, 8SA Alternators

Replaces: Motorola / Prestolite 8RD2035, 8RG2025, 8RH2025, 8RH2029; 105-210, -223, -232, -233

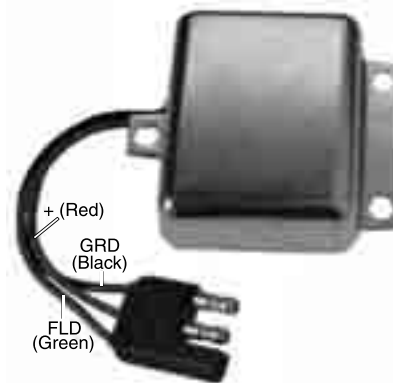
Unit Nos: Motorola / Prestolite 8LHA2024R, 8SA2024R; 110-251

Terminal ID: Plug-Type E; Wiring Code 7

Orange Sense (+), Black Ground, Green Field, Yellow Ignition (+)

Features:

- Adjustable voltage



M5-274A
Regulator

32 Volt, B-Circuit, 38.4 Vset

For: Motorola / Prestolite Alternators

Replaces: Motorola / Prestolite 8RD4039, 8RV4001, 8RV4010; 105-74, -94, -274

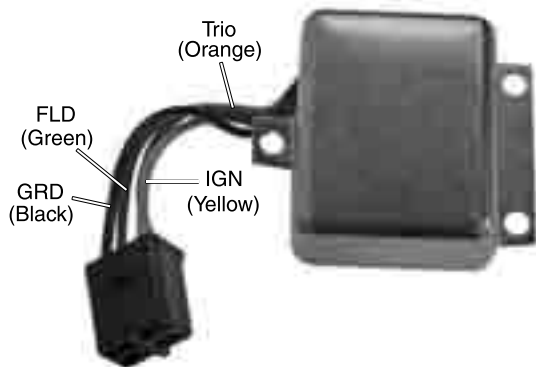
Terminal ID: Plug-Type A; Wiring Code 2

Red Isolation Diode (+), Black Ground, Green Field

Features:

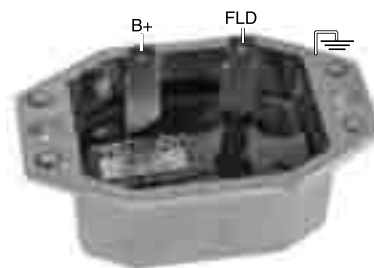
- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)



M5-701
(Ref# 35-401)
Regulator
12 Volt, B-Circuit, 14.2 Vset

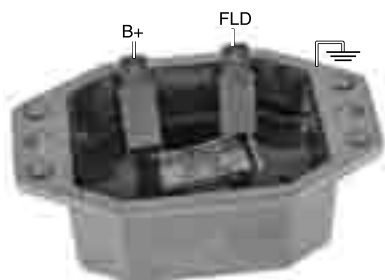
For: Motorola / Prestolite 8AL Series Alternators wo/ Isolation Diode
Replaces: Motorola / Prestolite 8RH2012; 105-76, -118, -134, -144, -701
Terminal ID: Plug Type: R, Wiring Code: 6
Orange Trio (+), Black Ground, Green Field, Yellow Ignition



IZ227
(Ref# 35-8402)
Regulator
12 Volt, A-Circuit, 14.7 Vset

For: Nikko 30-35A IR/EF Alternators
Used On: White
Replaces: Isuzu 5-81251-013-0; Nikko 1-44000-0660
Unit Nos: Isuzu 5-81200-291-0, 5-81200-300-0, 5-81200-322-0, 5-81200-332-0; Nikko 0-33000-4050, 0-33000-4150, 0-33000-4330, 0-33000-4331
Lester Nos: 12269
Terminal ID: B+, FLD
Features:
• OE compliant circuit

NIKKO



IZ226
(Ref# 35-8400)
Regulator
24 Volt, A-Circuit, 27.5 Vset

For: Nikko IR/EF Alternators
Used On: Isuzu Industrial, Komatsu
Replaces: Isuzu 1-81251-004-0, 1-81251-024-0, 1-81251-025-0, 5-81251-012-0; Nikko 1-44000-0580, -0730, -0740
Unit Nos: Nikko 0-33000-2200, 0-33000-2280, 0-33000-2290, 0-33000-2841, 0-33000-2870, 0-33000-2871, 0-33000-2880, 0-33000-3070, 0-33000-3071, 0-33000-3111, 0-33000-3130, 0-33000-3700, 0-33000-3710, 0-33000-3760, 0-33000-3810, 0-33000-3970, 0-33000-4010, 0-33000-4670, 0-33000-4750, 0-33000-5100, 0-33000-5280, 0-39000-0060, 0-39000-0120
Terminal ID: B+, F
Features:
• Superior loading



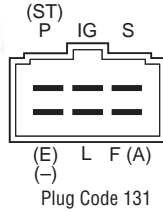
IZ228
(Ref# 35-8401)
Regulator
24 Volt, A-Circuit, S-B-L-F-E Terminals, 29.2 Vset

For: Nikko IR/EF Alternators
Used On: Isuzu, Komatsu, Nissan (Diesel)
Replaces: Isuzu 1-81260-004-0, 1-81260-005-0, 1-81270-001-0, 8-94173-052-0; Nikko 1-44000-0900; 7-44000-0900, -0901, -0903, -0905, -0906, -0920; Nissan 23500-99009
Unit Nos: Nikko 0-35000-0290, 0-35000-3013, 0-35000-3020, 0-35000-3070
Dim: 50mm Mtg. Length

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

External Regulated



P IG S
E L F

IN223

(Ref# 35-8207-1)

Regulator

12 Volt, A-Circuit, P-IG-S-F-L-E Terminals, 14.4 Vset

For: Nippondenso 60A ER/EF Alternators

Used On: (1987-82) Honda

Replaces: Honda 31400-SA5-004, 31400-SA5-671, 31400-SB0-004; Nippondenso 126000-0301, -0302, -0420

Unit Nos: Nippondenso 021000-977, 021000-983, 121000-032

Lester Nos: 14593, 14761

WAI Ref. Nos: 1-1006-01ND, 1-1021-01ND

Dim: 71mm Mtg. Length



IN550

Regulator

12 Volt, A-Circuit, E-F-IG Terminals, 14.2 Vset

For: Nippondenso ER/EF Alternators

Used On: Caterpillar

Replaces: Caterpillar 4N5110; Nippondenso 026000-2380

Unit Nos: Caterpillar 4N4540, 6N5460;

Nippondenso 021000-303, 021000-497

Lester Nos: 12024, 12054



IN554

Regulator

12 Volt, B-Circuit, E-F-IG Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: Toyota

Replaces: Nippondenso 026000-2370, -2371;

Toyota 27700-16081, -16082, -16083, -16084, -60080, -60090

Lester Nos: 14130, 14163

WAI Ref. Nos: 1-1064-01ND



IN551-1

Regulator

12 Volt, B-Circuit, IG-N-F-E-L-B (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: (1982-72) Toyota

Replaces: Nippondenso 026000-0400, -1140, -1142, -1202, -1321, -1341, -1720, -1730, -1740, -1741, -1742, -1750, -1751, -1800, -1801, -1810, -1871, -2430, -2431, -2432, -3190, -3231, -3240, -3250, -3330, -3340, -3350, -3591, -3700, -3701, -3810, -3860, -3861, -4120, -4130, -4190, -4200;

Toyota 27700-10110, -13010, -13020, -13040, -13050, -15010, -15011, -15030, -22000, -22010, -22011, -22012, -24010, -31010, -31011, -33010, -33011, -34020, -36010, -36020, -38021, -40020, -40021, -40041, -41040, -44010, -44020, -51010, -51011, -51012, -51013

Unit Nos: Nippondenso 021000-160, -306, -505, -507, -508, -560, -664, -793, -799, -809, -101;

Toyota 27020-13020, -13021, -13022, -13130, -16030, -18011, -23011, -23020, -23022, -24062, -24063, -31043, -31080, -61150

Lester Nos: 14129, 14130, 14163, 14338, 14339, 14342, 14343, 14366, 14385

WAI Ref. Nos: 1-1064-01ND, 1-1067-01ND, 1-1078-01ND



IN555

Regulator

12 Volt, B-Circuit, IG-N-F-E-L-B (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: Toyota

Replaces: Nippondenso 026000-1650, -2121, -2310, -2550, -2680; Toyota 27700-41010, -41011, -41012, -41020

Lester Nos: 14131

ALTERNATOR - REGULATORS (TRANSPO)



IN558

Regulator

12 Volt, B-Circuit, IG-N-F-E-L-B (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Replaces: Hino 2770A-38020; Nippondenso 026000-2540; Toyota 27700-26020, -28010, -38010, -38020



IN560

Regulator

12 Volt, B-Circuit, F-IG-L-N-E Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Replaces: Honda 31400-611-024; 31400-634-671, -761; 31400-642-004; 31400-657-611, -671, -672, -673; 31400-659-003; 31400-SAO-671, -672; Nippondenso 026000-2340

Note: With choke drive



IN562

Regulator

12 Volt, B-Circuit, F-IG-L-N-E Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: (1983-75) Honda

Replaces: Honda 31400-611-014, 31400-634-670; 31400-657-003, -004, -667; 31400-SAO-003, -013, -671, -672; Nippondenso 026000-2341, -2410, -2411, -2421, -2580, -2900, -3270, -3640

Unit Nos: Honda 31100-657-024; 31100-671-004, -024; 31100-689-004, -014, -910, -971; 31100-PA0-663; 31100-PA6-000, -004, -014, -901, -Y00; 31100-PB1-014; 31100-PB2-000, -004, -970; 31100-PB3-970, -971; 31100-PC0-004, -014; 38760-657-812; Nippondenso 021000-421, -541, -565, -755, -756, -841, -871, -872, -904, -909, -912, -913, -914, -915, -982, -991

Lester Nos: 14131, 14155, 14158, 14184, 14540, 14617, 14734, 14850

WAI Ref. Nos: 1-1005-01ND, 1-1014-01ND, 1-1014-02ND, 1-1018-01ND, 1-1056-01ND



IN567

Regulator

12 Volt, A-Circuit, IG-B-F-L-E Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: (1984-78) Toyota

Replaces: Nippondenso 026000-3450, -3650, -7010; Toyota 27700-38110, -38113, -54020

Unit Nos: Nippondenso 021000-774, -857;

Toyota 27020-35050, -38110, -38111

Lester Nos: 14274, 14552

WAI Ref. Nos: 1-1071-01ND, 1-1073-01ND



IN569-1

Regulator

12 Volt, B-Circuit, IG-B-F-L-E-N (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: Toyota

Replaces: Nippondenso 026000-2960, -3210, -3310, -3420, -3430, -3500, -3610, -3660, -3680, -3721; Toyota 27700-24020, -26030, -27010, -27020, -27030, -27040, -27050, -28020, -31021, -31022, -38040, -38050, -38060, -38070, -38080, -38081, -38120, -54030

Lester Nos: 14181, 14273

WAI Ref. Nos: 1-1032-01ND, 1-1577-01ND

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

External Regulated (cont'd.)



IN578-1
Regulator

12 Volt, B-Circuit, IG-N-F-E-L-B Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: (1982-80) Toyota

Replaces: Nippondenso 026000-3851;
Toyota 27700-13060, 27700-35010

Unit Nos: Nippondenso 021000-615, -808, -820;
Toyota 27020-13090, -15040, -26101, -26102

Lester Nos: 13171, 14273, 14342, 14343

WAI Ref. Nos: 1-1032-01ND, 1-1047-02ND, 1-1078-01ND



IN579
Regulator

12 Volt, B-Circuit, IG-N-F-E-L-B Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: Suzuki (South America)

Replaces: Nippondenso 026000-3670; Suzuki 32500-56011



IN589-1
Regulator

12 Volt, B-Circuit, B-L-E-F-N-IG Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: (1988-83) Toyota

Replaces: Nippondenso 026000-4050, -4051, -4070, -4180;
Toyota 27700-13090, -63010, -63040, -72030

Unit Nos: Nippondenso 021000-826, -829;

Toyota 27020-15100, -15110, -15120

Lester Nos: 14450, 14644, 14673

WAI Ref. Nos: 1-1047-01ND



IN821
Regulator

12 Volt, B-Circuit, N-IG-L-E-F-B (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Used On: (1981) Isuzu; (1979-76) Opel

Replaces: GM 940225811; Isuzu 8-94205-960;
Nippondenso 026000-2510

Unit Nos: GM 94201052, 94211350; Isuzu 8-94200-720-0,
8-94201-052-0, 8-94211-350-0, 8-94211-350-1;
Nippondenso 021000-411, -420, -703

Lester Nos: 14131, 14155, 14540, 14734

WAI Ref. Nos: 1-1056-01ND



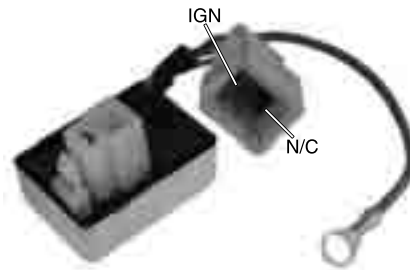
IN822-1
Regulator

12 Volt, B-Circuit, N-IG-L-B-F-E (IG) Terminals, 14.3 Vset

For: Nippondenso ER/EF Alternators

Replaces: GM 94208462; Isuzu 9-84221-129-0;

Nippondenso 026000-2700



IN601
Conversion Regulator
12 Volt, B-Circuit, 14.3 Vset

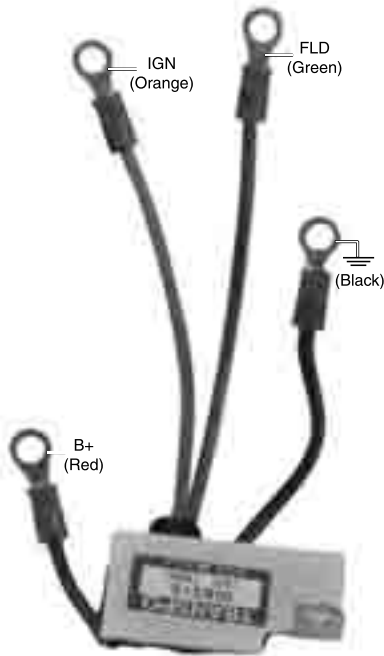
For: Nippondenso ER/EF Alternators

Note: Converts externally regulated alternators to internally regulated:

Lester 14153 to 13140

Lester 14130 to 13140

ALTERNATOR - REGULATORS (TRANSPO)



IN8315
Conversion Regulator
12 Volt, A-Circuit, 14.2 Vset

For: Nippondenso 40/90A ER/IF Alternators
Used On: (1992-85) Chrysler, Dodge, Plymouth
Unit Nos: Chrysler 4419338, 4491986, 5227349, 5227672, 5227673, 5233418, 5233449, 5233672, 5233949, 5234028, 5234029, 5252539; Nippondenso 121000-243, -266, -268, -300, -330, -331, -333, -337, -339
Lester Nos: 13184, 13185, 13220, 13256, 13305, 13306, 13312, 14869
WAI Ref. Nos: 1-1490-01ND, -02ND, -03ND; 1-1503-01ND, -03ND; 1-1506-01ND, -03ND; 1-1507-01ND
Note: Attach to SRE Frame to bypass defective regulator in vehicle PCM/ECU.
Caution: NOT to be used on Chrysler Vehicles with Electronic Fuel Injection.
Terminal ID:
 Red B+, Black Ground, Green Field, Orange Ignition.

Internal Regulated / External Fan



IN229
(Ref# 35-8202)
Regulator
12 Volt, A-Circuit, L-S-IG Terminals, 14.1 Vset

For: Nippondenso IR/EF Alternators
Used On: (1984-81) Toyota
Replaces: Nippondenso 126000-0170, -0450, -0490; Toyota 27700-43010, -44040
Unit Nos: Nippondenso 100211-050, 100211-053, 100211-054, 100211-055, 100211-056, 100211-059, 100211-060, 100211-061, 100211-063, 100211-064, 100211-065, 100211-066, 100211-067, 100211-070, 100211-071, 100211-075
Lester Nos: 14336, 14341, 14347, 14574
WAI Ref. Nos: 1-1035-01ND, 1-1048-01ND, 1-1048-02ND, 1-1061-01ND
Dim: 86mm Mtg. Length
Note: For heavy duty version use IN229HD
Components:
 TRI300 Repair Circuit

IN229HD
(Ref# 35-8202-1)
Regulator
12 Volt, A-Circuit, L-S-IG Terminals, 14.1 Vset

Same as IN229 except...
Features:
 • Heavy Duty



IN230
(Ref# 35-8222)
Regulator
12 Volt, A-Circuit, L-S-IG Terminals, 14.1 Vset

For: Nippondenso IR/EF Alternators
Used On: (1987-83) Isuzu
Replaces: Isuzu 8-94239-099-0, Nippondenso 126000-0270
Unit Nos: Isuzu 8-94231-307-0, 8-94231-307-2, 8-94232-081-1; Kubota 15451-99371; Nippondenso 100211-042, 100211-058, 100211-099
Lester Nos: 14630
WAI Ref. Nos: 1-1241-01ND
Dim: 86mm Mtg. Length
Components:
 TRI300 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / External Fan (cont'd.)



IN235
(Ref# 35-8208)
Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.1 Vset

For: Nippondenso IR/EF Alternators

Used On: (1992-84) Toyota

Replaces: Nippondenso 126000-0360, -0460, -0500, -0670; Toyota 27700-63030, 27700-72050

Unit Nos: Nippondenso 100211-068, 100211-073, 100211-076, 100211-078, 100211-087, 100211-093, 100211-257, 100211-263, 100211-298, 100211-299, 100211-576, 100211-593

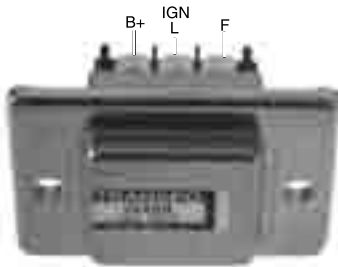
Lester Nos: 14461, 14672

WAI Ref. Nos: 1-1049-01ND, 1-1416-01ND

Dim: 86mm Mtg. Length

Components:

TRI300 Repair Circuit



IN209
Regulator

12 Volt, A-Circuit, S-IG-F Terminals, 14.5 Vset

For: Nippondenso IR/EF Alternators

Used On: (1981-79) Toyota

Replaces: Nippondenso 126000-0101, -0120, -0141, -0310; Toyota 27700-28030, -38100, -41050, -45021

Unit Nos: Nippondenso 100211-004, -013, -019, -024, -030, -031, -033, -034, -036;

Toyota 27060-28010, -28011, -28012, -28020, -28040, -38032, -41012, -45020, -45050, -70010, -70020

Lester Nos: 13169, 14275, 14337, 14936

WAI Ref. Nos: 1-1034-01ND, 1-1059-01ND, 1-2174-01ND

Dim: 49mm Mtg. Length



IN210
(Ref# 35-8201)
Regulator

12 Volt, A-Circuit, S-L-F Terminals, 14.5 Vset

For: Nippondenso IR/EF Alternators

Used On: (1981-78) Toyota

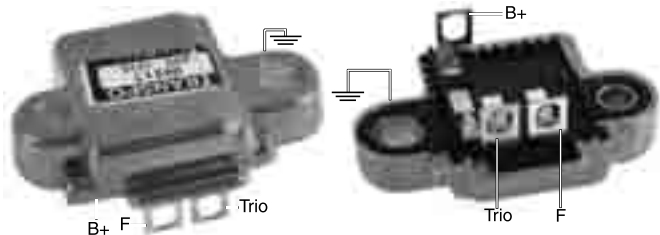
Replaces: Nippondenso 126000-0030, -0060, -0100, -0140; Toyota 27700-26050, -38100, -41050, -45020

Unit Nos: Nippondenso 021000-651, 021000-652, 021000-783, 021000-785, 100211-003, 100211-009, 100211-010, 100211-013, 100211-015, 100211-018, 100211-027

Lester Nos: 13140, 13169, 14275, 14337, 14340, 14375, 14384, 14573, 14936

WAI Ref. Nos: 1-1033-01ND, 1-1034-01ND, 1-1046-01ND, 1-1059-01ND, 1-1060-01ND, 1-1083-01ND, 1-2174-01ND

Dim: 49mm Mtg. Length



IN217
(Ref# 35-8223)
Regulator

24 Volt, A-Circuit, S-G-F Terminals, 27.5 Vset

For: Nippondenso IR/EF Alternators

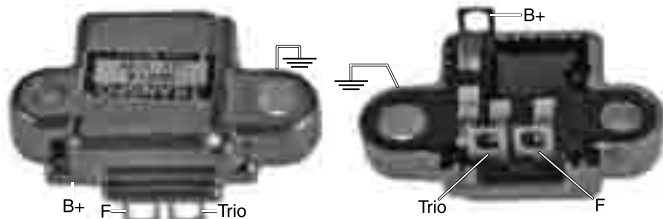
Used On: Toyota

Replaces: Nippondenso 126000-0200, -0260, -0790; Toyota 27700-57050

Unit Nos: Isuzu 1-81200-273-1; Nippondenso 100211-170

Dim: 44mm Mtg. Length

ALTERNATOR - REGULATORS (TRANSPO)



IN218
(Ref# 35-8203)
Regulator

12 Volt, A-Circuit, S-G-F Terminals, 14.2 Vset

For: Nippondenso IR/EF Alternators w/ Vacuum Pump

Used On: (1986-84) Toyota

Replaces: Nippondenso 126000-0180, -0520, -0770, -0820; Toyota 27700-57060, -64030

Unit Nos: Nippondenso 021000-940, 100211-172, 100211-173, 100211-275, 100211-571, 100213-008, 100213-013, 100213-020, 100213-022, 100213-023, 100213-025, 100213-026, 100213-029, 100213-030, 100213-033, 100213-037, 100213-061, 121000-029, 121000-064, 121000-073, 121000-094, 121000-097, 121000-116, 121000-129, 121000-139, 121000-174, 121000-236

Lester Nos: 14463, 14666, 14667, 14676, 14681

WAI Ref. Nos: 1-1027-01ND, 1-1072-01ND, 1-1074-01ND, 1-1942-01ND

Dim: 44mm Mtg. Length



IN231
(Ref# 35-8200)
Regulator

12 Volt, A-Circuit, S-L-F Terminals, 14.4 Vset

For: Nippondenso IR/EF Alternators

Used On: Chrysler

Replaces: Nippondenso 126000-0070, Mitsubishi Motors MD604309

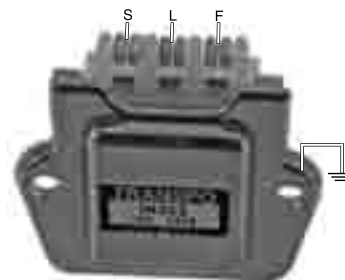
Unit Nos: Nippondenso 100211-012, 100211-014, 100211-032

Lester Nos: 14268, 14269

WAI Ref. Nos: 1-1223-01ND

Dim: 46mm Mtg. Length

Note: Not interchangeable w/ IN232



IN232
(Ref# 35-8211)
Regulator

12 Volt, A-Circuit, S-IG-F Terminals, 14.3 Vset

For: Nippondenso IR/EF Alternators

Used On: Caterpillar

Replaces: Caterpillar 7N5961, Nippondenso 126000-0020

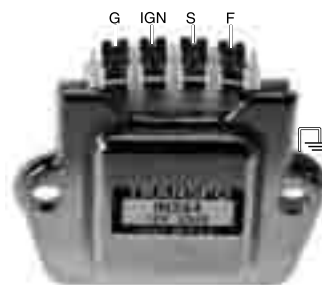
Unit Nos: Nippondenso 021000-736, 021000-842, 021000-846, 100211-001, 100211-023, 100211-025

Lester Nos: 12001

WAI Ref. Nos: 1-2287-01ND

Dim: 46mm Mtg. Length

Note: Not interchangeable w/ IN231



IN234
(Ref# 35-8206)
Regulator

12 Volt, A-Circuit, G-IG-S-F Terminals, 14.4 Vset

For: Nippondenso IR/EF Alternators

Used On: John Deere

Replaces: John Deere AR88018, RE28438;

Nippondenso 126000-0050, -0870

Unit Nos: Nippondenso 100211-007, 100211-008, 100211-0081, 100211-028, 100211-029

Lester Nos: 13143

WAI Ref. Nos: 1-2236-10ND

Dim: 47.5mm Mtg. Length

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / External Fan (cont'd.)



IN233

Regulator

24 Volt, A-Circuit, 28.0 Vset

For: Nippondenso IR/EF Alternators

Used On: Caterpillar

Replaces: Caterpillar 7T2798, Nippondenso 126000-0380

Unit Nos: Nippondenso 100211-086, 100211-089

Lester Nos: 12059, 12060

Dim: 56mm Mtg. Length

Components:

TRI233 Repair Circuit



IN920

(Ref# 35-8245)

Regulator

12 Volt, A-Circuit, L-S-IG Terminals, 14.3 Vset

For: Nippondenso IR/EF Alternators

Used On: Hino, Toyota Industrial

Replaces: Nippondenso 126000-0920, -1421, -1460; 27000-64040, -64110

Unit Nos: Nippondenso 100213-075, -076, -081, -092, -095, -096, -098, -121, -142, -145, -150, -275; 121000-275, -502

Lester Nos: 12214

Dim: 43mm Mtg. Length

Note: IN920 is similar to IN921 except:

IN920: rectangular 3-terminal plug

IN921: round 3-terminal plug



IN921

Regulator

12 Volt, A-Circuit, S-L-IG Terminals, 14.0 Vset

For: Nippondenso IR/EF Alternators

Used On: Hino, Isuzu, Toyota Industrial

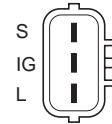
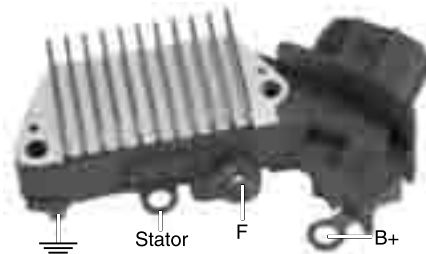
Dim: 43mm Mtg. Length

Note: IN921 is similar to IN920 except:

IN920: rectangular 3-terminal plug

IN921: round 3-terminal plug

Internal Regulated / Internal Fan



Plug Code 312

IN441

(Ref# 35-8234-1)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: (2005-93) Lexus, Mazda, Pontiac, Toyota

Replaces: Mazda KJ01-18-W70, KL47-18-W51;

Nippondenso 126000-1810, -1850*, -1870, -2000, -2260**;

Toyota 27700-20050, -46060, -62010, -64130

Unit Nos: Nippondenso 101211-545, -556, -562, -571, -702, -707, -709, -712, -717, -752, -767, -775, -780, -784, -906, -910, -916, -935, -941, -960, -971, -978; 102211-059, -065, -162, -190, -192, -199, -200, -248

Lester Nos: 13545, 547, 552, 558, 687, 688, 706, 732, 747, 748, 755, 791, 806, 844, 878, 879, 958

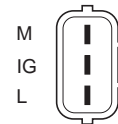
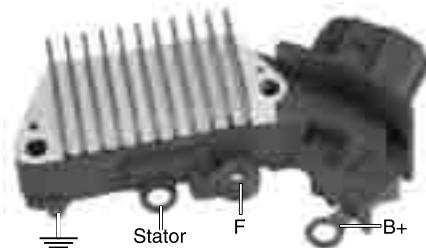
WAI Ref. Nos: 1-1843-01ND, 1-1864-01ND, 1-1934-01ND, 1-1934-02ND, 1-1975-01ND, 1-2050-01ND, 1-2085-01ND, 1-2086-01ND, 1-2138-01ND, 1-2138-02ND, 1-2140-01ND, 1-2144-01ND, 1-2181-01ND, 1-2181-02ND, 1-2190-01ND, 1-2277-01ND, 1-2277-02ND, 1-2367-01ND, 1-2371-01ND, 1-2372-01ND, 1-2373-01ND, 1-2543-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

*126000-1850 wo/ LRC

**126000-2260 14.1 Vset



Plug Code 321

IN447

Regulator

12 Volt, A-Circuit, M-IG-L (M-Terminal is 'Frequency') Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (2004-00) Toyota

Replaces: Nippondenso 126000-3130, -3131, -3170, -3171; Toyota 27700-21020

Unit Nos: Nippondenso 102211-196, -526, -538;

Toyota 27060-21010, -21020, -21040

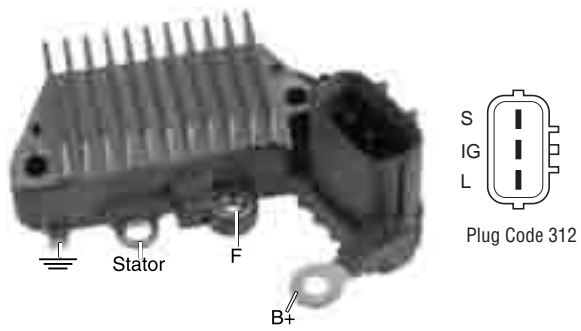
Lester Nos: 13857, 13896

WAI Ref. Nos: 1-2359-01ND, 1-2368-01ND, 1-2408-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

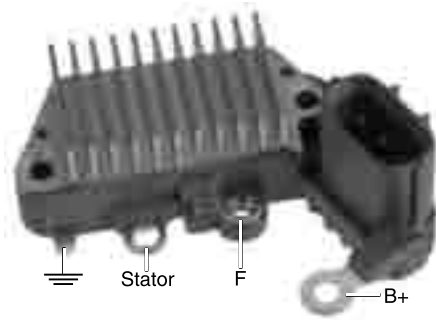
ALTERNATOR - REGULATORS (TRANSPO)



IN257
(Ref# 35-8242)
Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1998-93) Toyota
Replaces: Nippondenso 126000-1630, Toyota 27700-11060
Unit Nos: Nippondenso 101211-213, Toyota 27060-11250
Lester Nos: 13485
WAI Ref. Nos: 1-1840-01ND
Dim: 57.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
 TRI257 Repair Circuit



IN450
(Ref# 35-8246)
Regulator

12 Volt, A-Circuit, P-IG-L Terminals, 14.5 Vset

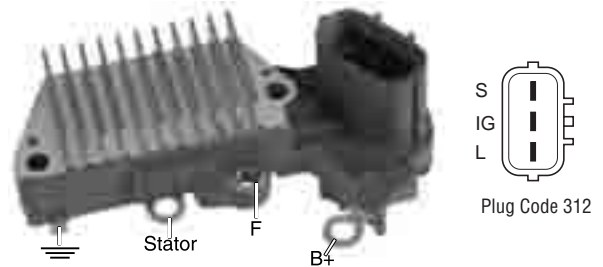
For: Nippondenso IR/IF Alternators
Used On: Caterpillar
Replaces: Nippondenso 126000-1800
Unit Nos: Caterpillar 105-2811, 2812; Nippondenso 101211-224, -231
Lester Nos: 12346
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal.



IN258
Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.4 Vset

For: Nippondenso IR/IF Alternators
Used On: XiaLi Automobiles (China)
Replaces: Nippondenso 126000-2490
Unit Nos: Toyota 27060-87726
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal, wo/ LRC, Ignition Activated.



IN437
(Ref# 35-8235-1)
Regulator

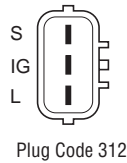
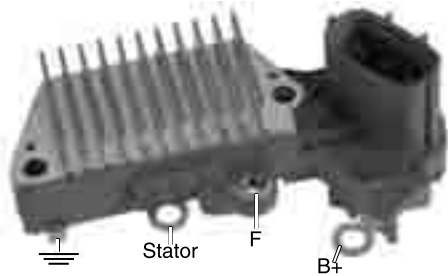
12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (1999-93) Lexus, Toyota
Replaces: Nippondenso 126000-1520*, -1521*, -1730*, -1750, -1930, -2250*; Toyota 27700-11070, -11080, -66040*, -75020*
Unit Nos: Nippondenso 101211-020, -034, -035, -043, -045, -052, -053, -059, -074, -412, -515, -516, -527; 102211-505
Lester Nos: 13409, 13486, 13487, 13489, 13497, 13512, 13536, 13659, 13673
WAI Ref. Nos: 1-1839-01ND, 1-1865-01ND, 1-1885-01ND, 1-1930-01ND, 1-1935-01ND, 1-1936-01ND, 1-1977-01ND, 1-2051-01ND, 1-2081-01ND, 1-2183-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
 *Nippondenso 126000-1520, -1521, -1730, -2250 wo/ LRC
Components:
 TRI220 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / Internal Fan (cont'd.)



IN439

(Ref# 35-8238-1)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: (2002-93) Chevrolet, Geo, Lexus, Toyota

Replaces: GM 94854171, 94857219;

Nippondenso 126000-1580, -1640*, -1660, -1670**;

Toyota 27700-35040**, -46050*, -74030, -74040, -75030

Unit Nos: Nippondenso 100211-502, -511, -639, -644, -648, -899; 101211-005, -006, -007, -010, -012, -014, -019, -021, -027, -038, -039, -042, -051, -062, -500, -501, -502, -508, -509, -511, -512, -513, -517, -523, -524, -537, -538, -546, -554, -555, -561, -564, -566, -572, -575, -576, -577, -590, -597, -639, -706, -711, -716, -718, -751, -951, -996; 102211-124, -509

Lester Nos: 13457, 481, 482, 492, 495, 499, 500, 501, 502, 503, 537, 546, 551, 553, 556, 557, 668, 673, 711, 754, 756

WAI Ref. Nos: 1-1763-01ND, 1-1838-01ND, 1-1856-01ND, 1-1866-01ND, 1-1892-01ND, 1-1931-01ND, 1-1976-01ND, 1-1978-01ND, 1-1979-01ND, 1-1980-01ND, 1-1981-01ND, 1-1982-01ND, 1-1983-01ND, 1-1984-01ND, 1-2080-01ND, 1-2145-01ND, 1-2167-01ND, 1-2211-01ND, 1-2406-01ND

Dim: 63.5mm Mtg. Length

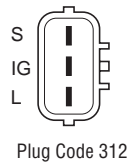
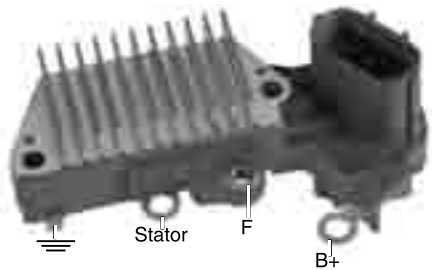
Note: L-terminal is not an output terminal.

*Nippondenso 126000-1640 14.1 Vset

**Nippondenso 126000-1670 wo/ LRC

Components:

TRI439 Repair Circuit



IN440

(Ref# 35-8236)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.0 Vset

For: Nippondenso IR/IF Alternators

Used On: (1995-93) Toyota

Replaces: Nippondenso 126000-7100, Toyota 27700-65010

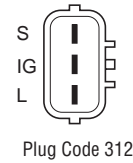
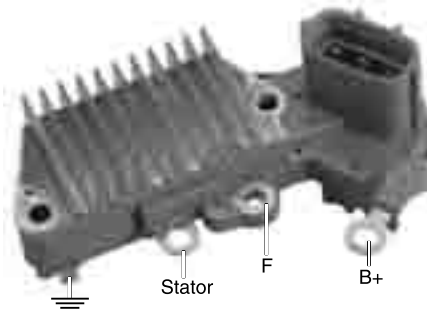
Unit Nos: Nippondenso 101211-013, 101211-030, 101211-701; Toyota 27060-17180, 27060-65040

Lester Nos: 13496

WAI Ref. Nos: 1-1863-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.



IN453

(Ref# 35-8240)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.4 Vset, wo/ LRC

For: Nippondenso IR/IF Alternators

Used On: (2004-95) Lexus, Toyota

Replaces: Nippondenso 126000-1960*, -2050, -2200;

Toyota 27700-50020, -50030, -62020

Unit Nos: Nippondenso 101211-073, -413, -730, -776, -915, -959, -963; 102211-061, -504

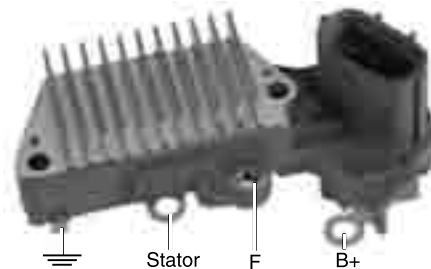
Lester Nos: 13669, 13670, 13671, 13715, 13794, 13859, 13885

WAI Ref. Nos: 1-2052-01ND, 1-2053-01ND, 1-2146-01ND, 1-2182-01ND, 1-2230-01ND, 1-2238-01ND, 1-2276-01ND, 1-2366-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

*Nippondenso 126000-1960 14.6 Vset.



IN460

Regulator

24 Volt, A-Circuit, S-IG-L Terminals, 28.0 Vset

For: Nippondenso IR/IF Alternators

Used On: Toyota Coaster Bus (Diesel)

Replaces: Nippondenso 126000-7120, Toyota 27700-58040

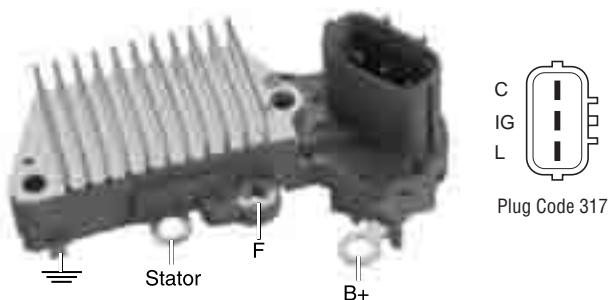
Unit Nos: Nippondenso 100211-624, -625, -626, -627;

Toyota 27060-17120, -58150, -58230, -58250

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

ALTERNATOR - REGULATORS (TRANSPO)



IN215 Regulator

12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1997-96) Acura, Isuzu

Replaces: Nippondenso 126000-2150, 126000-2151

Unit Nos: Isuzu 8-97109-780-0, 8-97109-780-1;

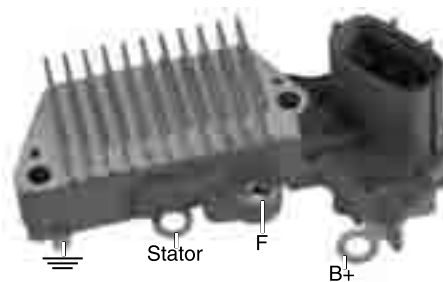
Nippondenso 101211-422

Lester Nos: 13739

WAI Ref. Nos: 1-2120-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal



IN449 Regulator

12 Volt, A-Circuit, P-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: Caterpillar, Yanmar

Replaces: Nippondenso 126000-1940

Unit Nos: Caterpillar 105-2814;

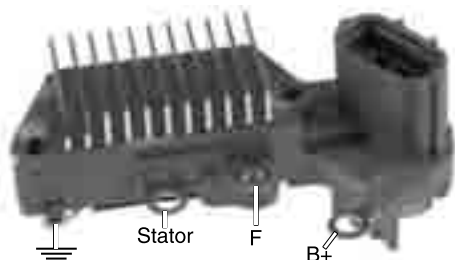
Nippondenso 101211-901, 101211-994; Yanmar 119773-77200

Lester Nos: 12192, 12355

WAI Ref. Nos: 1-2458-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.



IN452 Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.8 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: (2000-95) Honda, Suzuki

Replaces: Nippondenso 126000-1970, -1971, -2470*;

Suzuki 32500-60G10

Unit Nos: Honda 31100-P8F-A01;

Nippondenso 101211-055, -072, -520, -785; 102211-502, -507,

-528; Suzuki 31400-60G10, 31400-60G11, -60G12, -60G13,

-77E20, -77E21, -77E22, -77E22

Lester Nos: 13679, 13680, 13753, 13769

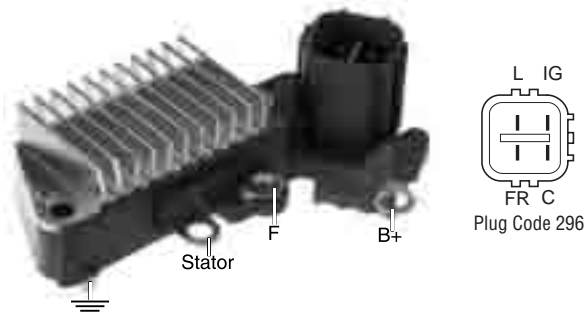
WAI Ref. Nos: 1-2148-01ND, 1-2148-02ND, 1-2157-01ND,

1-2239-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

*Nippondenso 126000-2470 wo/ LRC



IN445 (Ref# 35-8241) Regulator

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (2003-96) Acura, Honda, Isuzu

Replaces: Honda 31150-P2T-003, 31150-PEA-A01,

31150-PV4-003;

Nippondenso 126000-2090, -2160, -2610, -3030

Unit Nos: Nippondenso 101211-785, -925, -931, -933, -981,

-986, -997, -999; 102211-068, -069, 102211-101, -102, -126,

-127

Lester Nos: 13674, 13677, 13737, 13743, 13767, 13769,

13776, 13835, 13836

WAI Ref. Nos: 1-2022-01ND, 1-2055-01ND, 1-2122-01ND,

1-2142-01ND, 1-2189-01ND, 1-2194-01ND, 1-2239-01ND,

1-2262-01ND, 1-2374-01ND, 1-2375-01ND

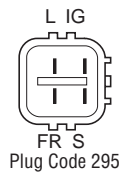
Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / Internal Fan (cont'd.)



IN455

(Ref# 35-8243)

Regulator

12 Volt, A-Circuit, S-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (2002-96) Acura

Replaces: Honda 31150-P5A-003, 31150-P5G-003; Nippondenso 126000-2190, 126000-2450

Unit Nos: Honda 31100-P5A-003, 31100-P5G-013; Nippondenso 101211-723, 101211-727

Lester Nos: 13675, 13738

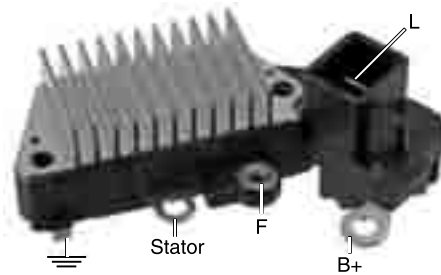
WAI Ref. Nos: 1-2054-01ND, 1-2121-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.

Components:

TRI226 Repair Circuit



IN443

Regulator

12 Volt, A-Circuit, L-Terminal, 14.4 Vset, 5 sec. LRC

For: Nippondenso IR/IF Alternators

Used On: (1993-92) Volvo 940 Series

Replaces: Nippondenso 126000-1760

Unit Nos: Nippondenso 100211-862, 100211-863;

Volvo 3544118, 3544118-7, 3544119,

Lester Nos: 13519, 13548

WAI Ref. Nos: 1-1764-01ND, 1-1862-01ND

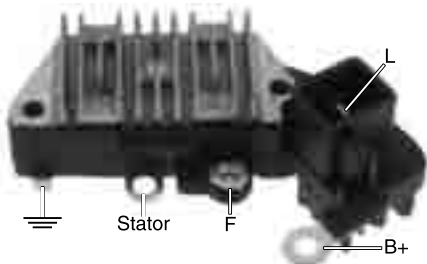
Dim: 63.5mm Mounting

Note: L-terminal is an output terminal. Similar to IN442 except: IN442: wo / LRC

IN443: w/ LRC

Features:

- Lamp activated w/ lamp latching feature
- Battery disconnect protection
- Shorted field & lamp circuit protection



IN442

Regulator

12 Volt, A-Circuit, L-Terminal, 14.1 Vset, wo/ LRC

For: Nippondenso IR/IF Alternators

Used On: (1993-92) Volvo

Replaces: Nippondenso 126000-1130

Unit Nos: Nippondenso 100211-862, 100211-863;

Volvo 3544118, 3544118-7, 3544119,

Lester Nos: 13519, 13548

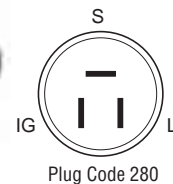
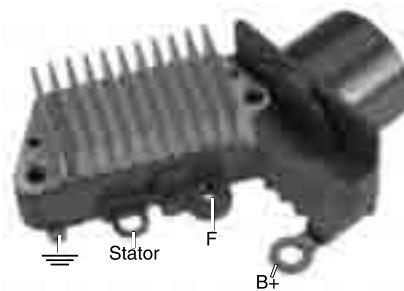
WAI Ref. Nos: 1-1764-01ND, 1-1862-01ND

Dim: 63.5mm Mounting

Note: L-terminal is an output terminal. Similar to IN443 except:

IN442: wo / LRC

IN443: w/ LRC



IN277

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: Mercury Marine Outboard

Replaces: Nippondenso 126000-1770

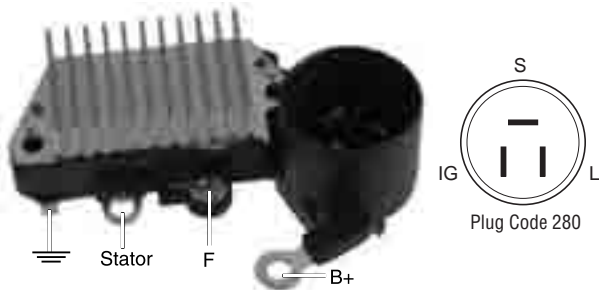
Unit Nos: Mercury Marine 821663-1, 828506;

Nippondenso 101211-302, 101211-338

Dim: 57.5mm Mtg. Length

Note: L-terminal is not an output terminal.

ALTERNATOR - REGULATORS (TRANSPO)



IN250
(Ref# 35-8217)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1992-87) Daihatsu, Toyota

Replaces: Daihatsu 27700-87704-000;
Nippondenso 126000-0550, -0980, -1550, -1570;
Toyota 27700-10050, -10080, -66010

Unit Nos: Daihatsu 27060-87706-000, 27060-87710-000;
Nippondenso 100211-152, -156, -162, -416, -417, -432, -435,
-441, -686, -687;
Toyota 27060-10070, -10071, -11080, -72080, -72081, -72110,
-72111, -72140, -87710

Lester Nos: 13239, 13390, 14843

WAI Ref. Nos: 1-1085-01ND, 1-1260-01ND, 1-1261-01ND

Dim: 57.5mm Mtg. Length

Note: L-terminal is an output terminal.

Components:

TRI250 Repair Circuit

IN250SE
Regulator

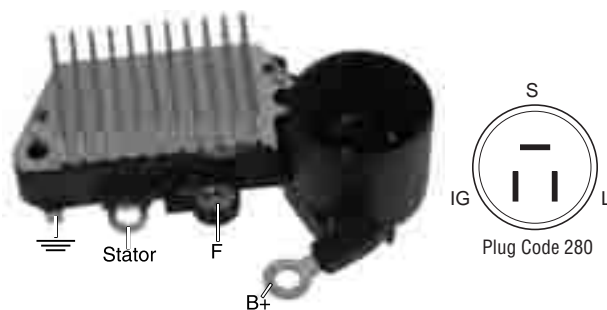
12 Volt, A-Circuit, 14.9 Vset, Self Exciting

Same as IN250 except...

Note: Converts alternator to self exciting, 1-wire hook-up.

Features:

- Self exciting
- Stator activated
- Converts alternator to 1-wire hook-up



IN256
(Ref# 35-8237)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.0 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: Toyota Lift Truck

Replaces: Nippondenso 126000-7040

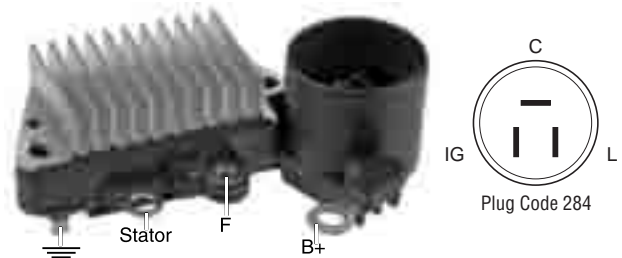
Unit Nos: Nippondenso 100211-454, 100211-693, 100211-696

Lester Nos: 12187

WAI Ref. Nos: 1-2132-01ND

Dim: 57.5mm Mtg. Length

Note: L-terminal is an output terminal.



IN252
(Ref# 35-8218)

Regulator

12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1988-85) Chevrolet

Replaces: GM 96052000, Nippondenso 126000-0840

Unit Nos: Nippondenso 100211-411, 100211-415

Lester Nos: 14937

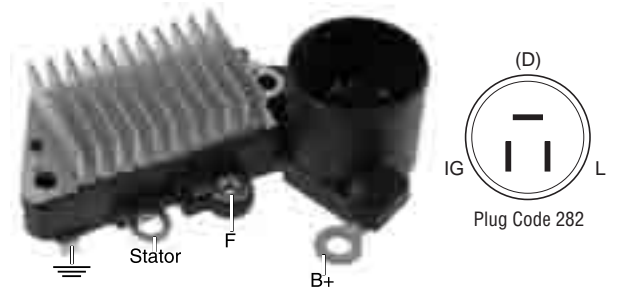
WAI Ref. Nos: 1-1519-01ND

Dim: 57.5mm Mtg. Length

Note: L-terminal is an output terminal.

Components:

TRI252 Repair Circuit



IN251
(Ref# 35-8216)

Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1995-85) Chevrolet, Geo, Isuzu, Suzuki

Replaces: GM 94455160, Isuzu 8-94455-160-0;

Nippondenso 126000-0850, -0880, 1370

Unit Nos: Nippondenso 100211-413, 100211-426,
100211-660, 101211-202

Lester Nos: 13316, 13522, 14733, 14940

WAI Ref. Nos: 1-1238-01ND, 1-1881-01ND, 1-1968-01ND

Dim: 57.5mm Mtg. Length

Note: L-terminal is an output terminal.

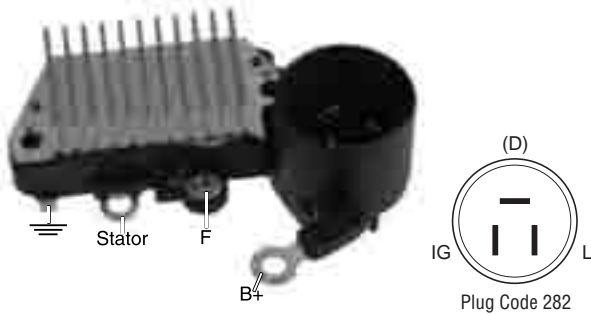
Components:

TRI251 Repair Circuit

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / Internal Fan (cont'd.)



IN253

(Ref# 35-8215-1)

Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1995-86) Daihatsu, Suzuki

Replaces: Daihatsu 27700-87601-000;

Nippondenso 126000-0720, -0721, -1330;
Suzuki 32500-86510, -86511

Unit Nos: Nippondenso 100211-155, 100211-157,
100211-407, 100211-414, 100211-671, 100211-672,
100211-699, 100211-919, 100211-932, 100211-93

Lester Nos: 13214, 13255, 13414, 14684, 14870

WAI Ref. Nos: 1-1228-01ND, 1-1230-01ND, 1-1230-02ND,
1-1969-01ND

Dim: 57.5mm Mtg. Length

Note: L-terminal is not an output terminal.

Components:

TRI253 Repair Circuit

(cont'd.)

-382, -396, -609, -706, -709, -713, -714, -728, -729, -739, -744,
-745, -746, -757, -758, -780, -797, -803, -807, -809, -810, -830,
-854, -971; 100213-042, -070, -071, -073, -074, -514;
100221-339

Lester Nos: 13229, 240, 277, 323, 331, 392, 394, 456; 14449,
454, 458, 460, 472, 611, 643, 668, 671, 678, 679, 682, 683,
847, 855

WAI Ref. Nos: 1-1007-02ND, 1-1022-01ND, 1-1026-01ND,
1-1028-01ND, 1-1029-01ND, 1-1037-01ND, 1-1039-02ND,
1-1050-02ND, 1-1053-01ND, 1-1062-01ND, 1-1062-02ND,
1-1077-01ND, 1-1081-01ND, 1-1088-01ND, 1-1090-01ND,
1-1166-01ND, 1-1166-02ND, 1-1415-01ND, 1-1588-01ND,
1-1858-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.

Components:

TRI220 Repair Circuit

IN220E-1

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

Same as IN220 except...

Features:

- Best Value

IN220SE

Regulator

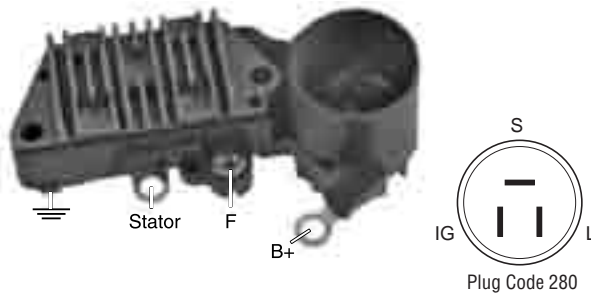
12 Volt, A-Circuit, 14.5 Vset, Self Exciting

Same as IN220 except...

Note: Converts alternator to self exciting, 1-wire hook-up.

Features:

- Self exciting
- Stator activated
- Converts alternator to 1-wire hook-up



IN220

(Ref# 35-8204)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1993-84) Chevrolet, Honda, Lexus, Toyota;

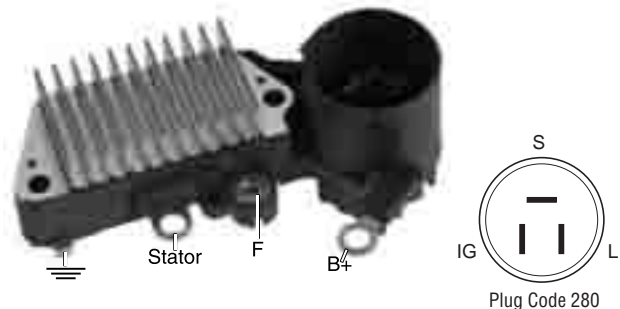
John Deere, Toyota Forklift

Replaces: GM 94840314; Honda 31150-PD1-004,

31150-PD2-014, 31150-PDJ-004;

Nippondenso 126000-0340, -0510, -0650, -0700, -0731, -1190;
Toyota 27700-01010, -10060, -11030, -63020, -70030, -72040,
-72070

Unit Nos: Nippondenso 100211-101, -102, -113, -114, -115,
-116, -117, -118, -125, -144, -184, -204, -205, -206, -208, -211,
-215, -216, -219, -230, -239, -241, -242, -245, -247, -248, -249,
-251, -277, -282, -284, -285, -286, -300, -304, -305, -306, -307,
-308, -310, -312, -313, -314, -317, -318, -320, -321, -324, -325,
-327, -328, -330, -332, -334, -335, -344, -354, -356, -361, -363,
(cont'd.)



IN436

(Ref# 35-8229)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.4 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: (1993-87) Geo, Toyota; John Deere

Replaces: John Deere TY6684;

Nippondenso 126000-0931, -0932, -1400, -1450, -1530;

Toyota 27700-11050, -70030, -76020

Unit Nos: Nippondenso 100211-100, -103, -104, -105, -106,
-107, -108, -109, -110, -111, -118, -120, -121, -122, -123, -132,
-134, -136, -200, -202, -203, -205, -206, -207, -210, -215, -216,
-217, -225, -228, -237, -238, -240, -250, -273, -283, -284, -303,
-304, -306, -309, -311, -3110, -312, -316, -317, -318, -322,
-326, -330, -332, -335, -339, -343, -350, -351, -352, -353, -354,
-355, -361, -363, -377, -382, -396, -700, -705, -706, -713, -726,
-743, -745, -746, -757, -780, -803, -806, -807, -813, -830, -835,
-864; 100213-045, -514

(cont'd.)

ALTERNATOR - REGULATORS (TRANSPO)

(cont'd.)

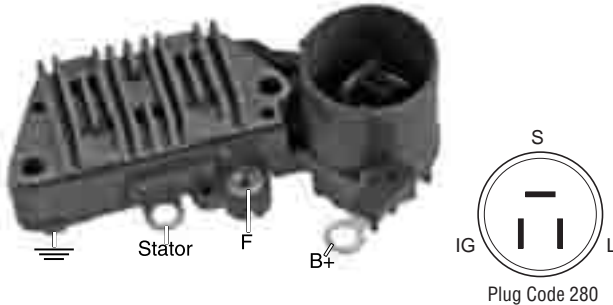
Lester Nos: 12066; 13252, 276, 277, 322, 323, 393, 408, 413, 562; 14449, 611, 679, 682

WAI Ref. Nos: 1-1026-01ND, 1-1028-01ND, 1-1039-01ND, 1-1039-02ND, 1-1041-01ND, 1-1090-01ND, 1-1417-01ND, 1-1421-01ND, 1-1837-01ND, 1-1967-01ND, 1-1973-01ND, 1-2009-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.
For 24 volt version use IN461.

Components:
TRI220 Repair Circuit



IN434

(Ref# 35-8225)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: (1996-88) Dodge, Geo, Lexus, Toyota

Replaces: Nippondenso 126000-0610, -1110, -1440, -1441; Toyota 27700-16010, -50010, -74010

Unit Nos: Nippondenso 100211-340, -606, -611, -635, -637, -704, -710, -718, -778, -782, -796, -802, -805, -807, -811, -823, -832, -838, -839, -845, -847, -848, -850, -859, -884, -885, -984; 101211-521

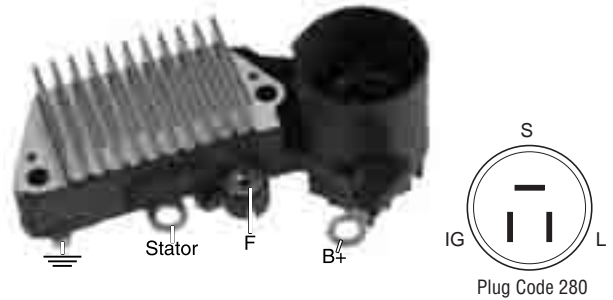
Lester Nos: 13234, 252, 276, 278, 319, 321, 339, 384, 385, 393, 398, 455, 566; 14455, 849

WAI Ref. Nos: 1-1041-01ND, 1-1042-01ND, 1-1043-01ND, 1-1054-01ND, 1-1055-01ND, 1-1063-01ND, 1-1076-01ND, 1-1092-01ND, 1-1418-01ND, 1-1419-01ND, 1-1420-01ND, 1-1421-01ND, 1-1546-01ND, 1-1858-01ND, 1-1859-01ND, 1-1966-01ND, 1-1974-01ND, 1-2149-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

Components:
TRI434 Repair Circuit



IN438

(Ref# 35-8227)

Regulator

12 Volt, A-Circuit, S-IG-L Terminals, 14.6 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: (1994-91) Lexus, Toyota

Replaces: Nippondenso 126000-1260, -1270; Toyota 27700-46030, -46040

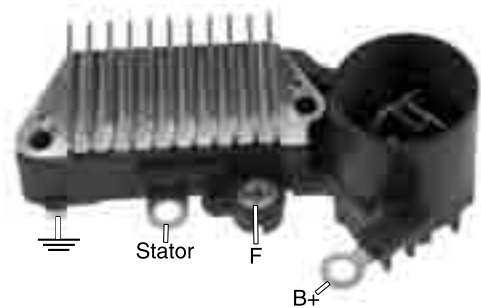
Unit Nos: Nippondenso 100211-536, -618, -630, -633, -634, -636, -641, -642, -747, -791, -793, -856, -857, -866, -881, -882, -883, -887, -978, -979, -989; 101211-522, -536, -875

Lester Nos: 12195, 13338, 13389, 13396, 13397, 13407, 13410, 13411, 13440, 13454, 13498, 13525

WAI Ref. Nos: 1-1591-01ND, 1-1596-01ND, 1-1605-01ND, 1-1835-01ND, 1-1836-01ND, 1-1857-01ND, 1-1860-01ND, 1-1861-01ND, 1-1884-01ND, 1-1893-01ND, 1-1964-01ND, 1-1965-01ND, 1-2008-01ND, 1-2411-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.



IN461

Regulator

24 Volt, A-Circuit, S-IG-L Terminals, 28.0 Vset

For: Nippondenso IR/IF Alternators

Used On: Toyota Dyna, Landcruiser (Diesel)

Replaces: Nippondenso 126000-7010, -7011; Toyota 27700-58020

Unit Nos: Nippondenso 100211-737, 100211-785

Dim: 63.5mm Mtg. Length

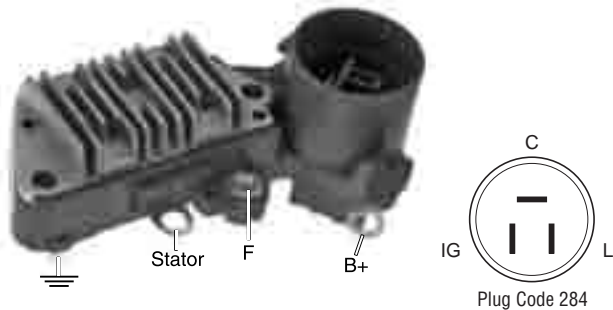
Note: L-terminal is not an output terminal.

For 12 volt version use IN436.

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / Internal Fan (cont'd.)

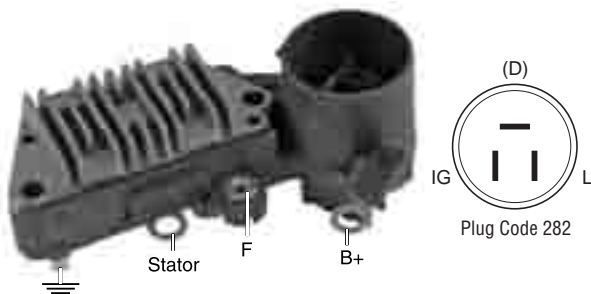


IN222
(Ref# 35-8209)

Regulator

12 Volt, A-Circuit, C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1989-84) Honda, Isuzu
Replaces: Honda 31150-PE0-921, Isuzu 8-94337-585-0, Nippondenso 126000-0440
Unit Nos: Nippondenso 100211-126, 100211-221, 100211-372
Lester Nos: 14739, 14755, 14852
WAI Ref. Nos: 1-1019-01ND, 1-1240-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
Components:
 TRI222 Repair Circuit

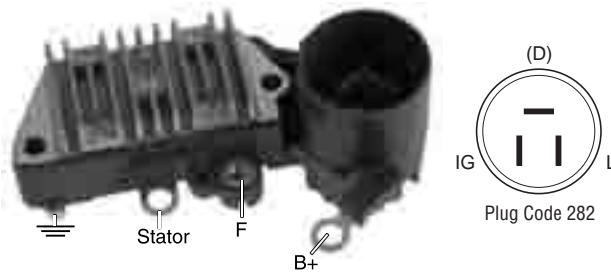


IN219
(Ref# 35-8210)

Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1986) Suzuki
Replaces: Honda 31500-PE0-003; Nippondenso 126000-0410, 126000-0411, 126000-0470; Suzuki 32500-82610
Unit Nos: GM 96051973, 96054116; Nippondenso 100211-141, -229, -302, -338, -364, -528; Suzuki 31400-82611
Lester Nos: 14684, 14870
WAI Ref. Nos: 1-1228-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is not an output terminal.
 Not interchangeable with IN221-1 where L-terminal is an output terminal.
Components:
 TRI219 Repair Circuit

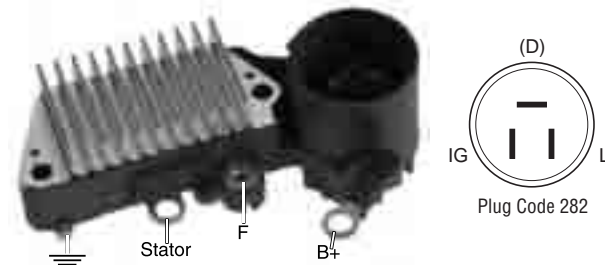


IN221-1
(Ref# 35-8205-3)

Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1995-84) Chevrolet, Geo, Honda, Isuzu
Replaces: GM 94139012; Honda 31150-PE0-003; Isuzu 8-94139-012-0; Nippondenso 126000-0430
Unit Nos: Nippondenso 100211-016, 100211-127, 100211-133, 100211-138, 100211-143, 100211-222, 100211-223, 100211-795, 100211-973
Lester Nos: 13391, 13521, 13569, 14732, 14733, 14757, 14851, 14872, 14940
WAI Ref. Nos: 1-1015-01ND, 1-1237-01ND, 1-1238-01ND, 1-1436-01ND, 1-1883-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
 Not interchangeable with IN219 where L-terminal is not an output terminal.
 Similar to IN435 except IN435 w/ LRC feature.
Components:
 TRI221 Repair Circuit



IN435
(Ref# 35-8226)

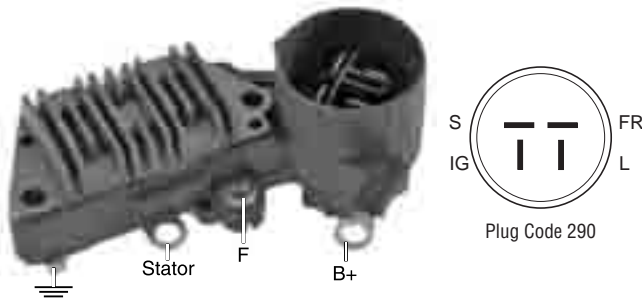
Regulator

12 Volt, A-Circuit, D-IG-L Terminals, 14.5 Vset, w/ LRC

For: Nippondenso IR/IF Alternators
Used On: (1997-90) Geo, Isuzu, Jaguar
Replaces: Isuzu 8-97032-091-0; Jaguar JLM-11144; Nippondenso 126000-1200
Unit Nos: Nippondenso 100211-631, 100211-795, 100211-799, 100211-853, 100211-868, 100211-898, 101211-016
Lester Nos: 13391, 13423, 13424, 13524, 13569, 137055
WAI Ref. Nos: 1-1436-01ND, 1-1436-02ND, 1-1882-01ND, 1-1889-01ND, 1-2133-01ND
Dim: 63.5mm Mtg. Length
Note: L-terminal is an output terminal.
 Similar to IN221-1 except IN221-1 wo/ LRC feature.

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)



IN226
(Ref# 35-8213-3)
Regulator

12 Volt, A-Circuit, S-FR-IG-L Terminals, 14.4 Vset

For: Nippondenso IR/IF Alternators

Used On: (1995-85) Acura, Honda

Replaces: Honda 31150-PD6-004, 31150-PD6-014,

31150-PH3-013, 31150-PR7-A01;

Nippondenso 126000-0540, 126000-1170

Unit Nos: Nippondenso 100211-201, 100211-615,

100211-617, 100211-724

Lester Nos: 13386, 13387, 14680

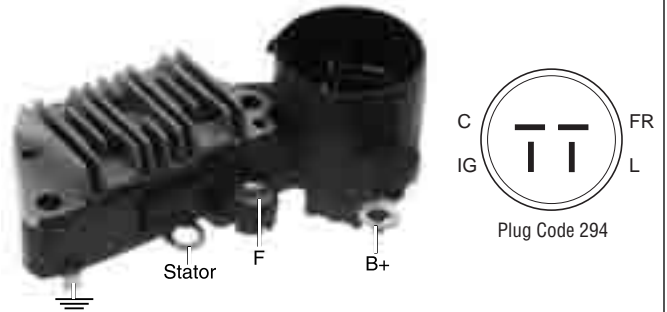
WAI Ref. Nos: 1-1008-01ND, 1-1410-01ND, 1-1411-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.

Components:

TRI226 Repair Circuit



IN224
(Ref# 35-8214-2)
Regulator

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1997-88) Acura, Honda

Replaces: Honda 31150-P08-013, 31150-PM4-003,

31150-PT2-003; Nippondenso 126000-0940, -1300, -1700

Unit Nos: Nippondenso 100211-359, 100211-366,

100211-369, 100211-389, 100211-815, 100211-819,

100211-828, 100211-855, 100211-871, 100211-875,

100211-877, 100211-977, 101211-025, 101211-549,

101211-550, 101211-569, 101211-584, 101211-585,

101211-914

Lester Nos: 13325, 13395, 13507, 13508, 13509, 13538,

13539, 13540, 13684, 14989

WAI Ref. Nos: 1-1001-01ND, 1-1011-01ND, 1-1011-02ND,

1-1017-01ND, 1-1726-01ND, 1-1831-01ND, 1-1854-01ND,

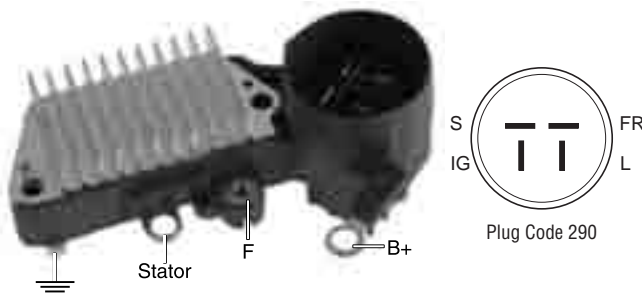
1-1854-02ND, 1-1932-01ND, 1-2082-01ND, 1-2353-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.

Components:

TRI224 Repair Circuit



IN444
Regulator

12 Volt, A-Circuit, S-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1991-85) Acura, Honda, Sterling

Replaces: Honda 31150-PD6-024, Nippondenso 126000-1060

Unit Nos: Nippondenso 100211-213, 100211-214,

100211-255, 100211-331, 100211-707, 100211-750,

100211-781

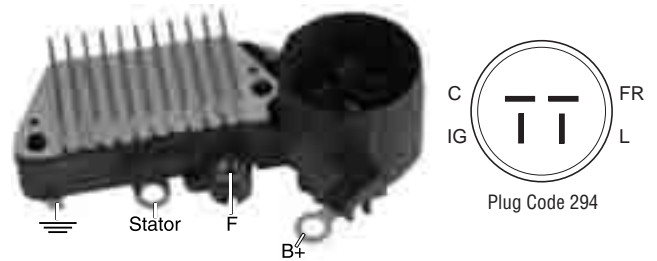
Lester Nos: 13294, 14680, 14931

WAI Ref. Nos: 1-1003-01ND, 1-1008-01ND, 1-1023-01ND,

1-1410-01ND, 1-1411-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.



IN431
(Ref# 35-8232)
Regulator

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1996-93) Honda

Replaces: Nippondenso 126000-1410

Unit Nos: Nippondenso 100211-874

Lester Nos: 13506

WAI Ref. Nos: 1-1970-01ND

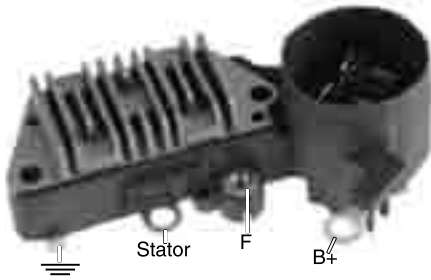
Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.

ALTERNATOR - REGULATORS (TRANSPO)

NIPPONDENSO

Internal Regulated / Internal Fan (cont'd.)



IN433

(Ref# 35-8244)

Regulator

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

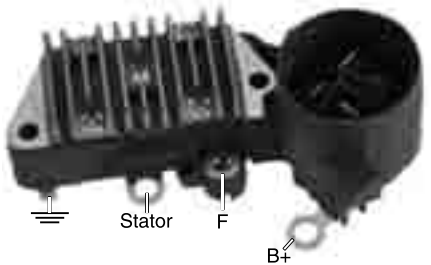
Used On: Honda

Replaces: Nippondenso 126000-1360

Unit Nos: Nippondenso 100211-860

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.



IN225

(Ref# 35-8212-2)

Regulator

12 Volt, A-Circuit, D-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1991-85) Acura, Honda

Replaces: Honda 31150-PE7-661, 31150-PE7-662; Nippondenso 126000-0570

Unit Nos: Honda 31100-PE7-660, -661, -662, -663; 31100-PG7-013; 31100-PR4-A01, -A02;

Nippondenso 100211-135, -137, -393, -732, -733

Lester Nos: 13326, 14759, 14853, 14854, 14930

WAI Ref. Nos: 1-1000-01ND, 1-1002-01ND, 1-1905-01ND

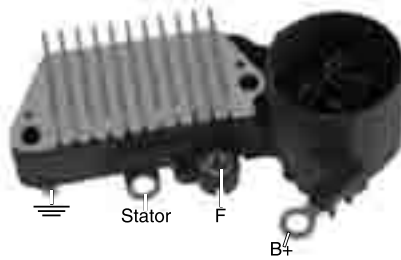
Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.

Similar to IN429 except IN429 w/ LRC feature.

Components:

TRI225 Repair Circuit



IN429

(Ref# 35-8231-1)

Regulator

12 Volt, A-Circuit, D-FR-IG-L Terminals, 14.5 Vset, w/ LRC

For: Nippondenso IR/IF Alternators

Used On: (1993-92) Acura

Replaces: Nippondenso 126000-1470, 126000-1471

Unit Nos: Honda 31100-PR4-C01;

Nippondenso 100211-891, 100211-910

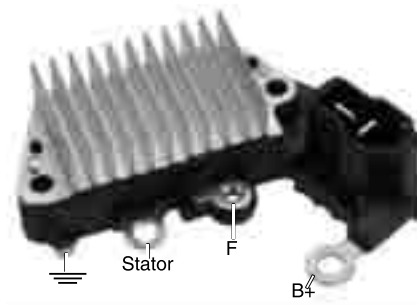
Lester Nos: 13433

WAI Ref. Nos: 1-1963-01ND

Dim: 63.5mm Mtg. Length

Note: L-terminal is an output terminal.

Similar to IN225 except IN225 wo/ LRC feature.



IN254

(Ref# 35-8221-1)

Regulator

12 Volt, A-Circuit, IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: Gehl, Komatsu, Kubota, Toyota Forklift, Yale

Replaces: Daihatsu 27700-87207-000, Kubota 15881-64601;

Nippondenso 126000-0600, -0970; Toyota 27700-96301

Unit Nos: Nippondenso 100211-151, -154, -158, -159, -161, -163, -165, -166, -167, -168, -169, -400, -405, -406, -408, -409, -418, -420, -421, -422, -423, -424, -425, -436, -438, -439, -446, -448, -452, -455, -456, -464, -465, -622, -664, -676, -677, -678, -688, -689, -690, -692

Lester Nos: 12179, 12180, 12182, 12189, 12190, 12196, 12198, 12199, 12204, 12207

WAI Ref. Nos: 1-1946-01ND, 1-2119-11ND, 1-2336-01ND, 1-2347-41ND, 1-2436-01ND, 1-2476-01ND, 1-2477-01ND, 1-2478-01ND

Dim: 57.5mm Mtg. Length

Note: L-terminal is not an output terminal.

Components:

TRI254 Repair Circuit

IN254SE Regulator

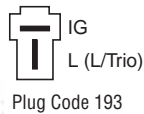
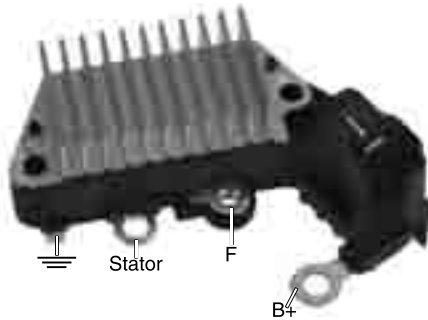
12 Volt, A-Circuit, 14.9 Vset, Self Exciting

Same as IN254 except...

Note: Converts alternator to self exciting, 1-wire hook-up.

Features:

- Self exciting
- Stator activated
- Converts alternator to 1-wire hook-up



IN255

(Ref# 35-8220)

Regulator

12 Volt, A-Circuit, IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: John Deere, Massey Ferguson

Replaces: Daihatsu 27700-87209-000, Iseki 6281-271-002-0, Mitsubishi Motors MD604751, Nippondenso 126000-1160

Unit Nos: Daihatsu 27060-87212-000, Iseki 6281-200-004-0B, Kubota 16541-64011; Nippondenso 100211-444, 100211-453, 100211-463; Thermo King 5D36221G01, Yanmar 119620-77202

Lester Nos: 12188, 12270

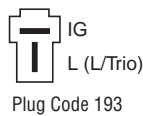
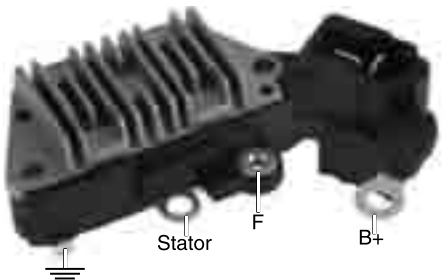
WAI Ref. Nos: 1-2119-11ND

Dim: 57.5mm Mtg. Length

Note: L-terminal is an output terminal

Components:

TRI255 Repair Circuit



IN227

(Ref# 35-8230)

Regulator

12 Volt, A-Circuit, IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: Daihatsu, Toyota Forklift

Replaces: Daihatsu 27700-87702-000, Nippondenso 126000-0371

Unit Nos: Nippondenso 100211-140, 100211-233

Dim: 63.5mm Mtg. Length

Note: L-terminal is not an output terminal.

Components:

TRI227 Repair Circuit

PRESTOLITE



P8-328A

(Ref# 35-604)

Regulator

12 Volt, B-Circuit, Neg. Grd., 14.2 Vset

For: Prestolite ALK, ANC Series Alternators

Used On: Case, Continental, Eaton Industrial

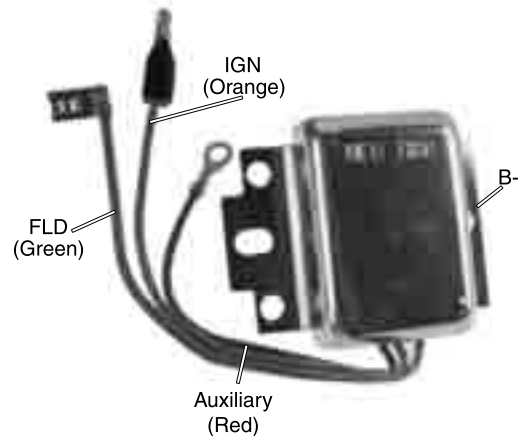
Replaces: Prestolite 8-328A, VSH-6201A

Unit Nos: Prestolite 51-259, ALK-6220Y

Terminal ID: Green Field, Red Ignition, Case B-

Features:

- Adjustable voltage



P8-343A

Regulator

12 Volt, B-Circuit, 15.0 Vset

For: Prestolite ALK Series Alternators

Used On: Eaton, Hercules, Onan

Replaces: Prestolite 8-343, VSH-6201D

Unit Nos: ALK-6232S, -6305, -6306, -6306A, -6308, -6315S, -6320, -6321, -6321A, -7305, -7306A, -7306S, -7308, -7315S, -7320, -7321A, -7321S, -7323S

Lester Nos: 7042, 7306, 7336

Terminal ID:

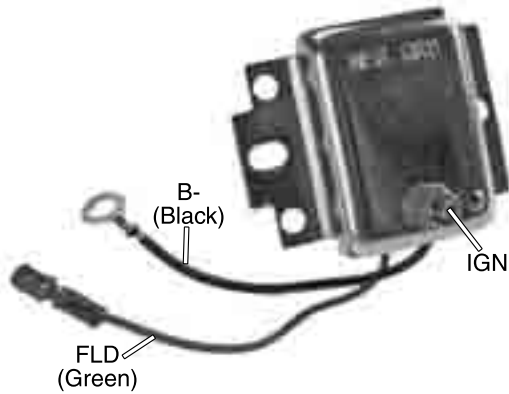
Green Field, Red Auxiliary, Orange Ignition, Case B-

Features:

- Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

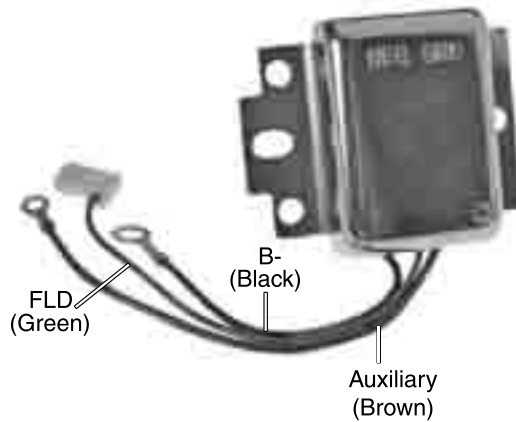
PRESTOLITE (cont'd.)



P8-352A
(Ref# 35-602)
Regulator

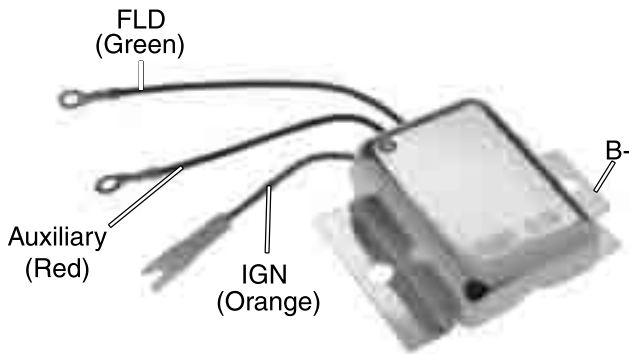
12 Volt, B-Circuit, Neg. Grd., 14.2 Vset

- For:** Prestolite ALE, ALK Series Alternators
Used On: Industrial, Marine Applications
Replaces: OMC 384537;
 Prestolite 8-352, 8-354, VSH-6201G, VSH-6201N
Terminal ID: Green Field, Black B-, Stud Ignition
Features:
- Adjustable voltage



P8-379A
Regulator
12 Volt, B-Circuit, 15.0 Vset

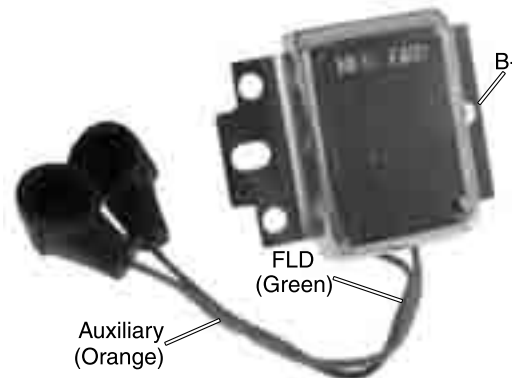
- For:** Prestolite AHK, ALK Series Alternators
Used On: JI Case
Replaces: Prestolite 8-379, VSH-6201AB
Unit Nos: Prestolite ALH-6305, -6306, -6320, -6322, -7305, -7306, 7307, -7321, -7322; ALK-6307, -6314, -6322, -7314, -7322
Lester Nos: 7301, 7303
Terminal ID: Green Field, Black B-, Brown Auxiliary
Features:
- Adjustable voltage



P8-368A
Regulator

12 Volt, B-Circuit, 15.0 Vset

- For:** Prestolite ALK Series Alternators
Used On: Eaton, Universal
Replaces: Prestolite 8-368, VSH-6201W
Unit Nos: Prestolite ALK-6211A, -6221A, -6221S, -7211A, -7211S, -7221A, -7221S
Lester Nos: 7335
Terminal ID:
 Green Field, Red Auxiliary, Orange Ignition, Case B-
Features:
- Adjustable voltage



P8-393
(Ref# 35-600-1)
Regulator

24 Volt, B-Circuit, Neg. Grd., 27.5 Vset

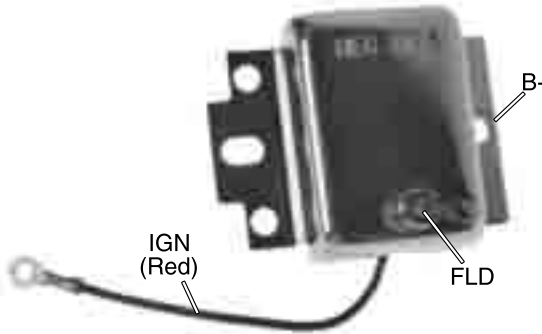
- For:** Prestolite ANB Series Alternators
Replaces: Caterpillar 6N3821; Prestolite 8-393, 8-394, 8-426, VSH-6401C, VSH-6401CS, VSH-6401D, VSH-6401ES
Unit Nos: Case A44794, A47434; Caterpillar 2P1204, 2P1698, 2P5113, 2P7836, 5C8661, 6N5468, 9S4870;
 Prestolite 51-212, ANB-6004, -7001, -7002, -7003, -7004
Lester Nos: 7331
Terminal ID: Green Field, Case B-, Orange Auxiliary

P8-393A
(Ref# 35-600)
Regulator

24 Volt, B-Circuit, Neg. Grd., 27.5 Vset

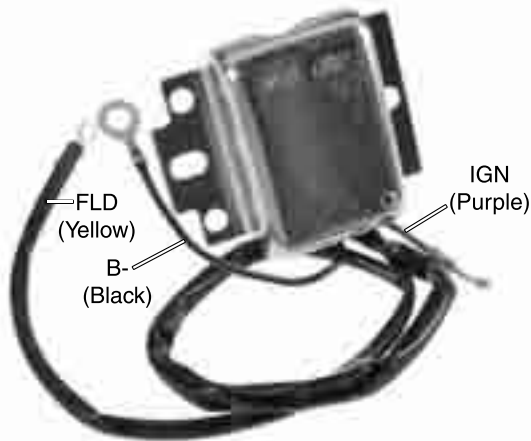
- Same as P8-393 except...
Features:
- Adjustable Voltage

ALTERNATOR - REGULATORS (TRANSPO)



P8-403A
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Prestolite Alternators
Replaces: IHC 515927300; Prestolite 8-403, VSH-6201AE
Terminal ID: Stud Field, Red Ignition, Case B-
Features:
 • Adjustable voltage

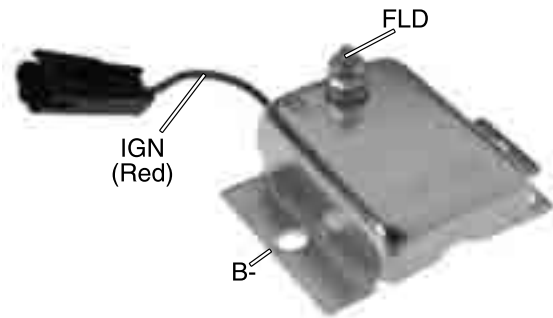


P8-404
(Ref# 35-601)
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Prestolite ALK Series Alternators
Used On: OMC Inboard
Replaces: OMC 383440; Prestolite 8-339, 8-404, VSH-6201AF, VSH-6201AFY, VSH-6204AFY
Unit Nos: Prestolite ALK-6222, A, AY, Y
Lester Nos: 7320
Terminal ID: Black B-, Purple Ignition, Yellow Field
Note: For adjustable voltage use P8-404A.

P8-404A
(Ref# 35-601)
Regulator
12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as P8-404 except...
Features:
 • Adjustable voltage

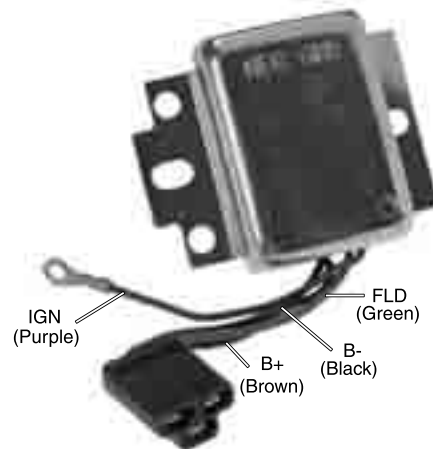


P8-405
Regulator
12 Volt, B-Circuit, 14.2 Vset

For: Prestolite ANE Series Alternators
Used On: Chrysler Marine
Replaces: Prestolite 8-356, 8-405, VSH-6201J, JY
Unit Nos: Prestolite 51-169, 51-266, ANE-5201S, ANE-5202S
Lester Nos: 7324
Terminal ID: Stud Field, Red Ignition, Case B-
Note: For adjustable voltage use P8-405A.

P8-405A
Regulator
12 Volt, B-Circuit, 14.2 Vset

Same as P8-405 except...
Features:
 • Adjustable voltage

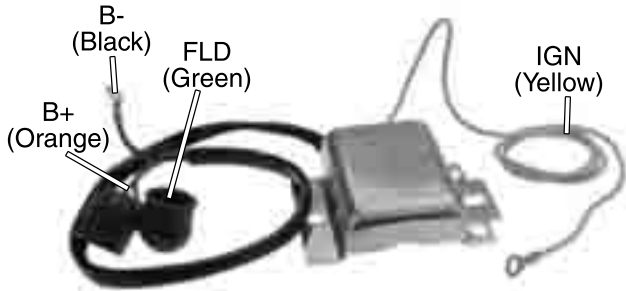


P8-406A
Regulator
12 Volt, B-Circuit, 15.0 Vset

For: Prestolite ALK Series Alternators
Used On: Waukesha, Pleasure Craft Marine Applications
Replaces: Prestolite 8-406, VSH-6201ADY
Unit Nos: Prestolite 51-259, ALK-6220Y
Lester Nos: 7343
Terminal ID: Green Field, Black B-, Brown (B+), Purple Ignition.
Features:
 • Adjustable voltage

ALTERNATOR - REGULATORS (TRANSPO)

PRESTOLITE (cont'd.)



P8-407A
(Ref# 35-603)
Regulator

12 Volt, B-Circuit, 15.1 Vset

For: Prestolite ALE, ALK Series Alternators

Used On: Chris Craft Marine, Flagship Marine, Owens

Replaces: Prestolite 8-350, 8-407, VSH-5204BY, VSH-6201ACY

Unit Nos: Prestolite ALE6207Y, ALE6221AY, ALK6209Y, ALK6225YS

Terminal ID:

Green Field, Black B-, Orange (B+), Yellow Ignition

Features:

- Adjustable voltage



81-6901
(Ref# P1730)
Regulator

**12 Volt, Neg. Grd., 14.2 Vset, Two-Unit Type
B-Circuit, 4-Terminal**

For: Prestolite ALE, ALF, ALK Series Alternators

Used On: Automotive, Marine Applications

Replaces: Prestolite 8-124, 8-125, 8-127, 8-223, 8-228, 8-415, 8-726, VBV-6201A, C, D; VBV-6202B; VBV-6221A, C

Unit Nos: Prestolite 51-12, -17, -33, -38, -49; ALD-5006;

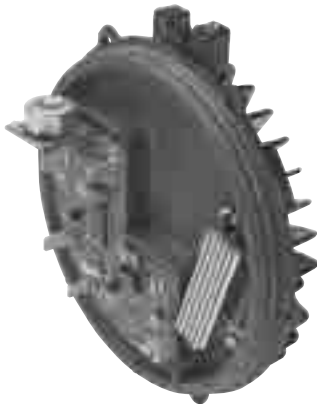
ALE-5004, -5005, -5007, -5120, -5201A, -5201C, -5202,

-5202B, -5202S, -5202Y; ALF-5101, -5101S, -5201, -5201S;

ALH-5120; ALK-5201S, -5202, -5202-1, -5202Y, -6204A

Lester Nos: 7029, 7041, 7308, 7311, 7313, 7325

Terminal ID: IGN-ARM-FLD-BAT



35-605
Regulator
24 Volt

For: Prestolite Alternators

Used On: Hummer 6.5L, Cummins, Military Equipment, White

Replaces: Prestolite 35-790, AMA-2004AS

Unit Nos: Prestolite 51-281, AMA-5104AUT, AMA-5104BUT, AMA-5104CUT, AMA-5104UT

Features:

- 100% New

SAWAFUJI



IW700
Regulator

24 Volt, A-Circuit, R-L-F-E-L-A-N Terminals, 28.5 Vset

For: Sawafuji Alternators

Used On: Hino, Nissan Truck

Replaces: Hino 27700-1700; Nissan 23500-Z9007;

Sawafuji 1291-008-00X0

Unit Nos: Hino 27040-1321, -1571, -1641, -1652, -1670,

-1731, -1761, -1811, -1821; 27050-1332, -1410, -1420;

Nissan 23099-96510, -Z5615, -Z5665; 23100-97507, -Z5617;

Sawafuji 0201-102-2910, -2921, -2963, -2973, -3110, -3112;

0201-152-0010, -0021, -0043, -0053; 0201-172-0012, -0013,

-0121; 0201-202-0011, -0210; 0201-222-0013, -0023, -0113,

-0220, -0262, -0272, -0312, -0412, -0421; 0202-102-1811,

-1823, -1910, -1921, -1933, -1943; 0202-152-0010, -0021,

-0033, -0043, -0123; 0202-202-0011; 0202-222-0012, -0110,

-0142, -0152, -0211, -0222

Dim: 59mm Mounting

ALTERNATOR - REGULATORS (TRANSPO)



IW701
Regulator

12 Volt, A-Circuit, R-L-F-E-L-A-N Terminals, 14.2 Vset

For: Nippondenso IR/EF Alternators
Used On: Hino
Replaces: Nippondenso 126000-8000
Unit Nos: Hino 27040-19700A, B; 27040-1970A;
 Nippondenso 101211-800
Lester Nos: 12178



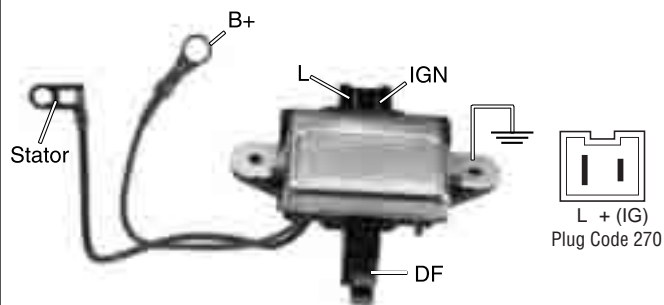
IH708
Regulator

24 Volt, A-Circuit, R-L-F-C-E Terminals, 28.7 Vset

For: Sawafuji Alternators
Used On: Nissan, Hino Bus, Industrial, Truck Applications
Replaces: Hino 27700-1370, 27700-1510;
 Nissan 23500-99005, Sawafuji 1291-004-00X0
Unit Nos: Hino 27040-1072, -1091, -1101, -1103, -1111, -1113, -1120, -1130, -1130A, -1141, -1151, -1160, -1200, -1210, -1290, -1444; 27050-1012, -1023, -1041, -1051, -1061, -1081, -1130, -1140, -1150, -1160;
 Nissan 23100-96074, -96075, -96077, -96078, -96174, -96176, -96177, -96263, -96265, -97068, -97069, -97070, -97071, -97072, -97114, -97115, -97117, -97164, -97165;
 Sawafuji 0214-102-0011, -0021, -0213, -0314, -0410, -0420, -0511, -0611, -0711, -0813, -0911, -1011, -1013, -1111, -1113, -1210, -1220, -1230, -1310, -1320, -1330, -1410, -1420, -1510, -1611, -1711; 0214-152-0011, -0030, -0110, -0210, -0220, -0230; 0214-252-0011, -0020; 0214-302-0010, -0040, -0050, -0110; 0214-501-0010, -0110, -0111; 0214-801-0110
Dim: 60mm Mounting

VALEO

Valeo - Ducellier

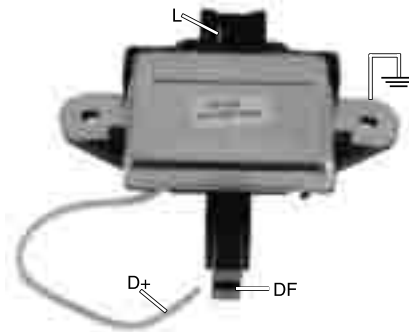


ID1010-1

(Ref# 35-9406)

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

For: Ducellier / Valeo 50-70A IR/EF Alternators
Used On: (1987-80) DeLorean, Renault
Replaces: Ducellier 511006, 511008, 511010, 511022, 511024, 581228, 581255, 581256, 690587, 690645, 691097, 691292
Unit Nos: Ducellier / Valeo 516006, 516006, 516006, 516008, 516008, 516009, 516009, 516020, 516020, 516025, 516025, 516029, 516029, 516030, 516030, 516034, 516042, 516045, 516047, 516048, 516049, 516058, 516062
Lester Nos: 14323, 14324, 14327, 14329, 14330, 14582, 14959, 14984
WAI Ref. Nos: 1-1307-01DU, 1-1309-01DU, 1-1310-01DU, 1-1311-01DU, 1-1313-01DU, 1-1314-01DU, 1-1385-01DU



ID1015

Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset

For: Ducellier / Valeo IR/EF Alternators
Used On: Fiat
Replaces: Ducellier 511015, 511023, 581257, 592991, 691112, 691140, 691183, 691303, 691338, 691406, 691458, 691617, 6944548, 694548, 694617; Peugeot 576148, 576149, 576161, 576164; Seat 0003981082; Valeo NB926
Unit Nos: Ducellier / Valeo 514005D, E, F; 514007C, D, E, F; 514010B, C, D; 516002D, 516014B, 516032A, B; 516040B, C; 516041B, C; 516046A, 516053A, 516054A, 516055B, 516065A

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

Valeo - Ducellier (cont'd.)



ID4009

Regulator

12 Volt, B-Circuit, 14.3 Vset

For: Ducellier, Paris Rhone, SEV, Valeo ER/EF Alternators

Used On: (1983-70) Peugeot, Renault, Volvo

Replaces: Ducellier 510002, 510004, 519001, 8320, 8327, 8347, 8349, 8350, 8362, 8364, 8371, 8372, 8376, 8378, 8381, 8382;

Paris Rhone 100065, 100066, 100207, 70335, 70747, 71854, 74547, 76722, 76833, 76834, 77224, 77555, 78819, 79343, 79368, 79583, 79584, 79628, 92361, 92782, 93782, 95394, 96126, 96637, 96731, 97343, 97382, 99464, AYA21, AYA210, AYA213, AYB21, AYB210, AYB211, AYB2110, AYB2113, AYB2115, AYB2116, AYB2118, AYB2119, AYB212, AYB2123, AYB2124, AYB2125, AYB2128, AYB213, AYB215, AYB218, YL411;

Peugeot 576123, 576124, 576132, 576133, 583502; Renault 5000-821-852, 7700-348-281, 7700-519-493, 7700-519-949, 7700-530-749, 7700-544-686, 7700-660-469, 7700-666-179, 7701-348-281;

SEV 33036, 33067, 33081, 33506, 33518, 33519, 33522, 33524, 33525, 33532, 33538, 33544, 33546, 33560, 33561, 50546, 72260202, 72260402, 72260502, 72415002, 72415202, 72415502, 72415802, 72416202, 72416302, 72610002, 72610102, 72610602, 72610702, 72710002, 72710202, 72710302, 72710402, 72710602, 72710802, 72711602; Valeo 096126, 505-045, 505-048, 505-049, 505-45, 505-48, 505-49, 9RH7013, 9RH7016, 9RH7017, A008382A, NB175, NC333, NC886

Unit Nos: Ducellier / Valeo 7522B, C, D; 7527A, B, C; 7529A, C, D, E, F; 7532A, B, C, D, E; 7533B, C, D, E; 7534A, B, C, D, E; 7535B, 7548A; 7549A, B, C, D, E, F, G; 7550A, B, C, D, E, F, G; 7553A, B; 7555A; 7556A, B, C; 7557A, B; 7571A, B, C; 7575A, B, C, D, E, F, G, H, I, J, K, L, M, N, O; 7576A; 7577A, B, C, D, E, F, G, H; 7578A, B, C, D; 7580A, B, C; 7581A, B, C; 7582A; 7585A, B, C, D; 7586A, B, C, D, E; 7590A, B, C, D, E; 7591A, B, C, D, E; 7596A, B, C, D, E, F; 7597A, B, C, D, E, F; 512001A; 513001A, B, C; 513002A, B, C; 513003A, B, C; 513004A, B, C; 513005A, B; 513008A, B, C, D; 513009A, B, C, D; 513010A, B, C, D; 513011A, 513014A, 515001A, 515002A, B, C; 515003A, B, C; 515004A, B; 515005A, B; 515006A, 515007A, 515008B; 515009, A; 515010A, 515013A, 515014A, B; 515015A, 515016A, 515018A;

Motorola / Valeo 9AL2507G, 2538K, 2540G, 2546G, 2559G, 2560G, 2572K, 2576G, 2577G, 2578G, 2579G, 2582K, 2583K, 2584G, 2585G, 2589K, 2590K, 2591K, 2592K, 2593K, 2595K, 2600G, 2607P, 2616K, 2617K, 2633G, 2666F, 2679K, 2685K, 2696G, 2765G, 2766K, 2767P, 2768G, 2774G, 2788K, 2793P, 2800G, 2817G, 2826K, 2873K, 2885K, 2939K, 5004G, 5050K, 5051P; 9AR2745G, 2796P, 2803F, 5045L, 5047L, 5050K; (cont'd.)

(cont'd.)

Paris Rhone / Valeo A11M3, 4, 5, 6, 11, 12; A11R2, 3, 4; A12M8, 18; A12R1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 19, 20, 21, 22, 23, 26, 27, 28, 42, 47, 48, 49, 54, 56, 59; A13M3, 4, 6, 9, 12; A13N44T, 62, 99, 100, 101, 102, 135; A13R10L, 15, 20, 22, 38, 39L, 43L, 47L, 47LT, 48L, 49L, 49LT, 50L, 50LT, 54L, 57L, 63, 71L, 74, 78T, 79, 80T, 82T, 83, 83T, 84, 86, 86T, 90, 90T, 95, 96, 105, 108, 111L, 111LT, 115, 117, 120, 122, 123, 124, 125, 126, 129, 131, 135T, 136, 138, 140, 141, 143, 144, 145, 146, 149, 150, 151, 152, 154, 156, 157, 159, 162T, 166, 167, 169, 170, 171, 172T, 173, 174, 175, 176, 177, 178, 180, 184, 185, 186, 187, 189, 194, 195, 196, 198, 202, 210, 212, 213, 215, 219, 223, 224, 225, 235, 244, 245, 261, 265; A14R3, 11, 17, 18T, 21T, 29, 47;

SEV / Valeo 70220002, 0402, 0502, 5002; 70225102; 71206002, 0002, 0202, 0302, 0402, 0502, 0602, 0702, 0802, 0902, 1402; 71220402, 0802, 1102, 3002, 6002, 6102, 6202, 6302, 6402, 6502, 6702, 6802, 6902, 7102, 7302, 7402, 7502, 7902, 8002, 8102, 8202, 8302, 8402, 8502, 8602, 8702, 8802, 8902, 9002, 9102, 9202, 9302, 9402, 9502; 71230102, 0202, 0402, 0702, 0802, 1002, 1102, 1202, 1402, 1502, 1702; 71271202, 1302; 71333302, 71473902, 71523002; 71635102, 5202, 5502, 5602, 5802, 5902, 6002, 6102; 71645002; 71650002, 0202, 0402, 0802, 1202, 1602, 5302; 71773902; Valeo 2059913, 2070085, 2072015, 2072557, 2072860, 2072922, 2072983, 2074514, 2074683, 2075272, 2075809, 2075897, 2075973, 2076416, 2076633, 2076665, 2076979, 2077391, 2077421, 2077423, 2077579, 2077595, 2077720, 2077751, 2078545, 2078666, 2078689, 2078710, 2078728, 2078771, 2078848, 2078849, 2078883, 2078896, 2078912, 2079720, 2079953, 2092129, 2092329, 2092424, 2093006, 2093517, 2093654, 2093867, 2094333, 2094618, 2094684, 2094705, 2094706, 2094717, 2094718, 2094785, 2094838, 2094888, 2095069, 2095088, 2095216, 2095218, 2095271, 2095411, 2095515, 2095557, 2095563, 2095564, 2095570, 2095667, 2095668, 2095700, 2095704, 2095750, 2095752, 2095766, 2095907, 2095915, 2095923, 2096014, 2096047, 2096090, 2096158, 2096274, 2096278, 2096281, 2096315, 2096364, 2096394, 2096716, 2096862, 2096863, 2096864, 2097130, 2097131, 2097161, 2097287, 2097296, 2097316, 2097429, 2097927, 2097930, 2097972, 2098058, 2098074, 2098162, 2098186, 2098192, 2098203, 2098349, 2098654, 2098697, 2099083, 2099329, 2099330, 2099366, 2099367, 2099376, 2099532, 2099883, 2099884, 2100677, 2101728, 2102448, 2102450, 2102451, 2102453, 2103183, 2104849, 2105110, 2105111, 2105793, 2105984, 2105985, 2105986, 2106020, 2181729, 2541323

Lester Nos: 13134, 14039, 14040, 14044, 14082, 14084, 14226, 14227, 14289, 14308, 14310, 14326, 14329, 14331, 14531, 14565, 14566, 14567, 14569, 14579, 14580, 14583, 14953, 14954

WAI Ref. Nos: 1-1287-01SV, 1-1288-01SV, 1-1305-01DU, 1-1305-01PR, 1-1305-01SV, 1-1309-01PR, 1-1309-01SV, 1-1312-01PR, 1-1328-01PR, 1-1328-01SV, 1-1332-01PR, 1-1333-01PR, 1-1333-01SV, 1-1333-01VA, 1-1334-01PR, 1-1335-01PR

Features:

- Solid state circuit

ALTERNATOR - REGULATORS (TRANSPO)



ID4010
(Ref# 35-9412)

Regulator
12 Volt, B-Circuit, 15.0 Vset

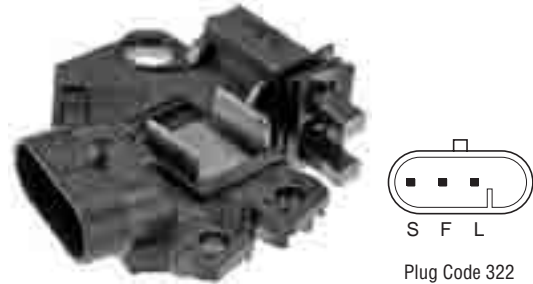
For: Ducellier, Paris Rhone, SEV, Valeo ER/EF Alternators
Used On: Peugeot, Simca, Porsche, Simca, Talbot, Volvo
Replaces: Ducellier 519004, 8358, 8367, 8373, 8380;
 Paris Rhone 73788, 76807, 77569, 77616, 79560, 79585,
 79760, 79905, 97162, 97628, AYB2111, AYB2120, AYB214,
 AYB216, AYB217, AYB219, YL412; SEV 72711002,
 Valeo 505-046, Volvo 6877982
Unit Nos: Ducellier / Valeo 7526B, C; 7528B, C; 7529B, 7531B;
 7543A, B; 7545A; 7552A, B, C, D; 7554A; 7560A, B, C;
 7565A, B, C, D, E; 7566A, B, C; 7567A, B, C, D, E; 7568A, B, C;
 7569A, B, C, D; 7570A, B; 512002A, B; 512003A, B;
 Paris Rhone / Valeo A12M1, 2, 3, 6, 7, 10; A13M2, 5, 7, 8, 11,
 13, 15, 16, 17; A13R127;
 SEV / Valeo 71220002, 71220102, 71220602, 71220702,
 71220902, 71221002, 71223202, 71223602, 71226602,
 71270102, 71270302, 71271002, 71923002
Lester Nos: 14551



ID8366
Regulator
12 Volt, B-Circuit, 14.3 Vset

For: Ducellier, Paris Rhone, SEV, Valeo ER/EF Alternators
Used On: Citroen (Europe)
Replaces: Citroen 5490702, GX1110910A;
 Ducellier 8366, 8379;
 Paris Rhone AYC2114, AYC2117, AYC2127, AYC213, YL413;
 SEV 519003, 72718002;
 Valeo 077488, 093653, 096350, 096402, 100068, 505-047,
 579003, 77488, 93653, 96350, 96402, 9RH7015, NB976
Unit Nos: Ducellier / Valeo 7541C; 7562A, B, C, D, E, F;
 7584B, D, E; 7593A; 515012A;
 SEV / Valeo 71655002, 71655102
Lester Nos: 14263, 14291
WAI Ref. Nos: 1-1290-01SV, 1-1299-01SV

Valeo - GM



M520
(Ref# 35-9430)

Regulator / Brush Holder Assy.
12 Volt, B-Circuit, S-F-L Terminals

For: Valeo IR/IF Alternators
Used On: (2005-02) Chevrolet, Oldsmobile, Pontiac
Replaces: Valeo 2542499
Unit Nos: Delco / GM 10317648, 10440636;
 Valeo 2542559A; 2650011, A, B, 2650017, A; SG12S056, 071
Lester Nos: 13943
WAI Ref. Nos: 1-2420-01VA



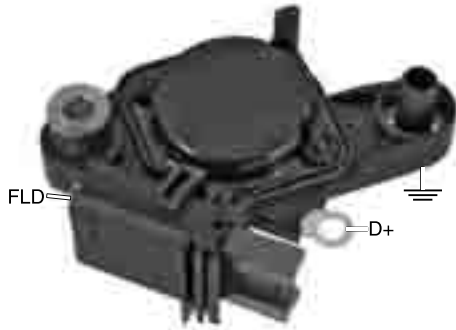
M524
Regulator / Brush Holder Assy.
12 Volt, B-Circuit, F-L Terminals

For: Valeo IR/IF Alternators
Used On: (2005-01) Buick, Chevrolet, Oldsmobile, Pontiac,
 Saturn
Replaces: Valeo 2542765
Unit Nos: Delco / GM 10300559, 10317731, 10426395,
 22683070, 22683071; Valeo 2542454A, 2650135A; SG10S034,
 036, 044; SG12B0S41; SG12S057, 070, 083, 084, 084
Lester Nos: 11069, 13866, 13938, 13944
WAI Ref. Nos: 1-2506-01VA, 1-2551-01VA, 1-2552-01VA

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

Valeo - Motorola



M511

(Ref# 35-9426)

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset**

For: Valeo IR/IF Alternators

Used On: (2002-94) BMW, Mercedes, VW, Volvo

Replaces: Mercedes 002-154-91-06;

Valeo 592910, 593131, YV3970H

Unit Nos: BMW 12-31-1-735-743, 12-31-1-744-560,

12-31-1-744-561; Mercedes, 009-154-58-02;

VW-Audi, 021-903-025F, 028-903-021F, 030-903-023F,

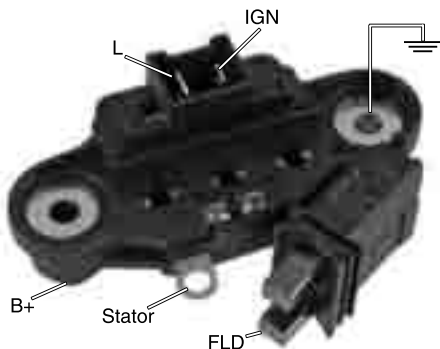
037-903-023G, 078-903-015B;

Valeo A13VI40, 41, 54, 99, 121, 123, 124, 132, 152, 176, 197

Lester Nos: 13458, 13470, 13656, 13708, 13709, 13799

WAI Ref. Nos: 1-1539-02VA, -03VA; 1-1808-01VA,

1-1950-42VA, 1-2131-01VA, 1-2200-01VA



M512

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset**

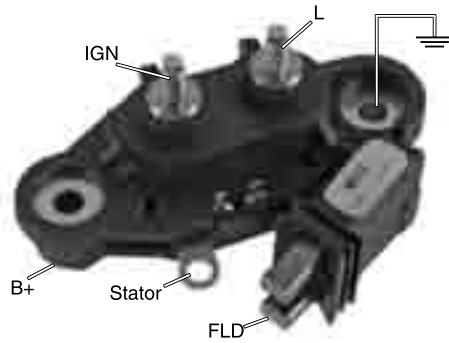
For: Paris Rhone / Valeo IR/IF Alternators

Used On: Audi, VW

Replaces: Valeo 2541407, 592802, YV1668H, YV1868H

Unit Nos: Paris Rhone / Valeo A13VI13, 28, 30, 52;

Valeo 2541306, 2541325, 2541463



M513

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset**

For: Paris Rhone / Valeo IR/IF Alternators

Used On: Fiat, Audi

Replaces: Valeo 2541406, 2541496, 592793, 9RC2055,

9RC2062, A808239A, YV1667H, YV1867H

Unit Nos: Paris Rhone / Valeo A11VI26, 27, 28, 30, 31, 34, 59,

61; A13VI104, 105, 106, 107, 11, 128, 129, 131, 14, 15, 153,

16, 17, 20, 21, 22, 23, 25, 32, 34, 35, 45, 47, 55, 56, 57, 62, 64,

65, 66;

Valeo 2541262, 2541310, 2541339, 2541344, 2541386,

2541394, 2541448, 2541609, 2541610B, 2541823, 2541824



M514-1

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset**

For: Paris Rhone / Valeo IR/IF Alternators

Used On: Fiat

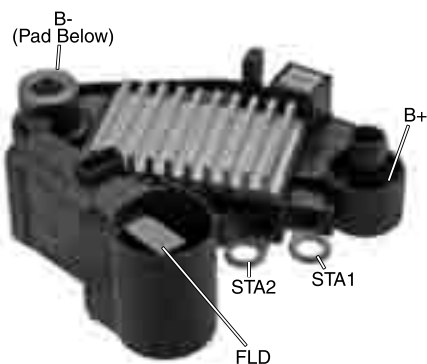
Replaces: Fiat 9946195; Valeo 2541715, 254175, 2808323,

590932, 593138, 9RC6074, YM6951

Unit Nos: Paris Rhone / Valeo A13VI72, A13VI73, A14VI37;

Valeo 2541678, 2541679

ALTERNATOR - REGULATORS (TRANSPO)



M516

Regulator / Brush Holder Assy.

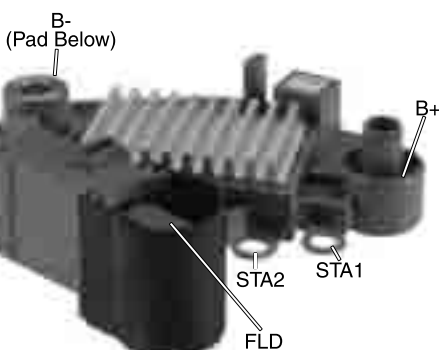
12 Volt, B-Circuit, L-Terminal, 14.6 Vset

For: Paris Rhone / Valeo IR/IF Alternators

Used On: Renault

Replaces: Valeo 2541952, 593316, 593411, YM1620

Unit Nos: Paris Rhone / Valeo A11VI87, 88, 94, 98, 110, 111; A13VI188, 195, 235, 238, 249, 251, 252, 253, 259, 285, 289, 290, 291, 297, 300



M517

Regulator / Brush Holder Assy.

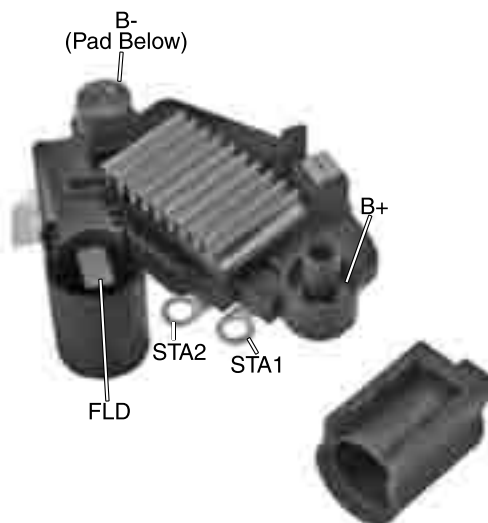
12 Volt, B-Circuit, L-Terminal, 14.4 Vset

For: Paris Rhone / Valeo IR/IF Alternators

Used On: Renault

Replaces: Valeo 593290, 593310, 593349, YM1600

Unit Nos: Paris Rhone / Valeo A11VI79, 81, 85, 92, 93, 96, 97, 104, 105, 179; A13VI157, 163, 164, 165, 166, 167, 179, 184, 185, 201, 207, 208, 209, 210, 211, 212, 213, 216, 217, 218, 224, 227, 254, 255, 264, 265, 266, 267, 268, 269, 292; A14VI17, 18, 24, 25, 85, 92



M519

Regulator / Brush Holder Assy.

12 Volt, B-Circuit, L-Terminal, 14.5 Vset

For: Valeo IR/IF Alternators

Used On: Citroen, Peugeot

Replaces: Valeo 593284, 2541834, YM6603

Unit Nos: Valeo A14VI15, A14VI16, A14VI27, A14VI35, A14VI41

Features:

- Soft start
- Load dump protected



M506-1

(Ref# 35-9422)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.1 Vset

For: Motorola / Valeo 9RC Series IR/EF Alternators

Used On: (1994-86) BMW, VW

Replaces: Motorola / Valeo 9RC2018, 9RC7088, 9RC7104; Valeo 2519124, 2522939, 2523198, 2940318, 505-100, 505-105, 592781, YV9911

Unit Nos: Motorola / Valeo 9AR2977L, 5088L; Valeo 2940305, 2940375; A13E07, 13; A14V13

Lester Nos: 13467, 14875

WAI Ref. Nos: 1-1387-01VA, 1-2130-01VA

Note: 14.1 Vset.

For 14.5 Vset version use M507-1.

For 15.0 Vset version use M508-1.

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

Valeo - Motorola (cont'd.)



M507-1

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset**

For: Motorola / Valeo 9AR Series Alternators

Used On: (1993-86) VW; Elgin Sweeper

Replaces: Motorola / Valeo 9RC2021;
Valeo 2523190, 2521760, 2521766, 2522339, 2522939,
2940328, 2941121; VW-Audi 037-903-803, A

Unit Nos: Motorola / Valeo 9AR2970K, 2971G, 2972G, 2973L,
2974L, 2975L, 2976K, 2977L, 5044K, 5046G, 5081K, 5082G,
5083G, 5084L, 5085L, 5086L, 5087K, 5089G, 5090L, 5099L,
5100G, 5101K, 5107L;

Valeo 2518057, 2541163, 2940305, 2940356, 2940363,
2940365, 2940367, 2940369, 2940371, 2940373, 2940409,
2940426, 2941097; A13E02, 03, 04, 05, 07, 08, 09, 10, 11, 12

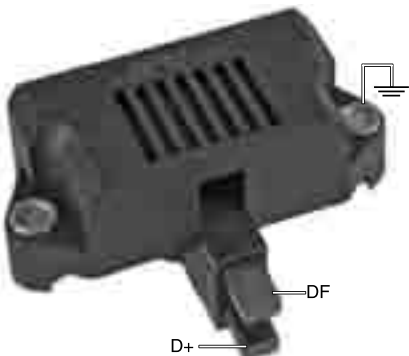
Lester Nos: 14875

WAI Ref. Nos: 1-1387-01VA

Note: 14.5 Vset.

For 14.1 Vset version use M506-1.

For 15.0 Vset version use M508-1.



M508-1

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 15.0 Vset**

For: Motorola / Valeo 9RC Series IR/EF Alternators

Used On: (1994-86) BMW, VW

Replaces: Motorola / Valeo 9RC2018, 9RC7088, 9RC7104;
Valeo 2519124, 2522939, 2523198, 2940318, 505-100,
505-105, 592781, YV9911

Unit Nos: Motorola / Valeo 9AR2977L, 5088L;
Valeo 2940305, 2940375; A13E07, 13; A14V13

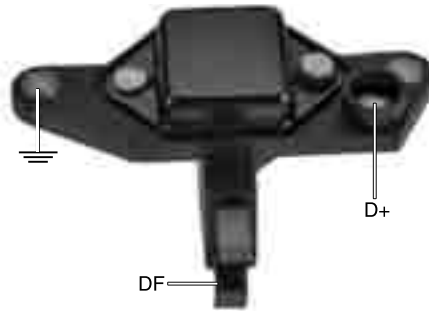
Lester Nos: 13467, 14875

WAI Ref. Nos: 1-1387-01VA, 1-2130-01VA

Note: 15.0 Vset.

For 14.1 Vset version use M506-1.

For 14.5 Vset version use M507-1.



M509

(Ref# 35-9425)

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset**

For: Paris Rhone / Valeo IR/EF Alternators

Used On: (1993-92) Mercedes

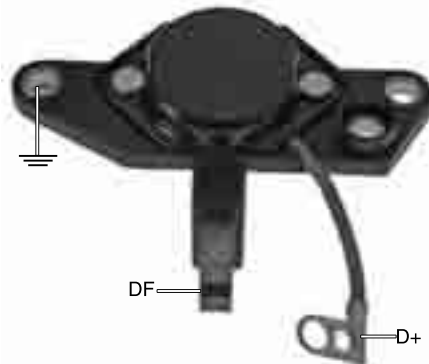
Replaces: Mercedes 000-150-02-55,

Paris Rhone YV0913H, Valeo 592792

Unit Nos: Mercedes 008-154-87-02;

Paris Rhone / Valeo A13V02, A13V05, A13V07

Lester Nos: 13707



M510

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset**

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Fiat

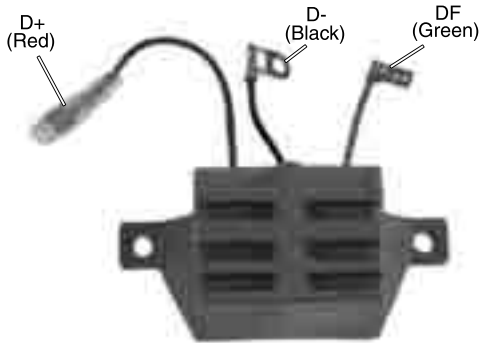
Replaces: Paris Rhone YV5914;

Valeo 2518025, 2518028, 2518369, 2518427, 592602

Unit Nos: Paris Rhone / Valeo A13E01, A13E17, A13E50

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)



M5-507
(Ref# 35-9413)

Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators

Used On: Audi, Austin, Citroen, Ford, Jaguar, Peugeot, Talbot, VW

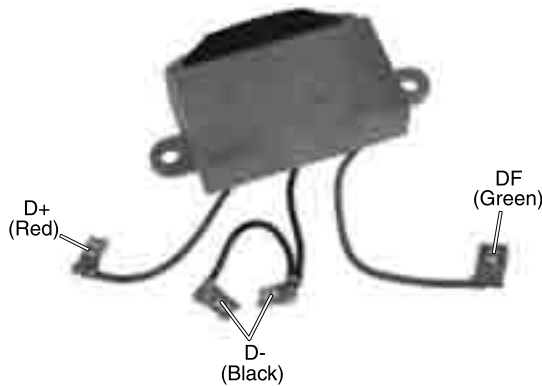
Replaces: Motorola / Valeo 9RC7024, 9RC7025, 9RC7041, 9RC7042, 9RC7056, 9RC7057;

Valeo 505-031, 505-032, 505-069, 505-072, 505-092

Unit Nos: Motorola / Valeo 9AR2610G, 2627G, 2636G, 2650D, 2651D, 2652F, 2653F, 2654G, 2655G, 2682F, 2683G, 2687G, 2697D, 2698F, 2699G, 2700G, 2701D, 2702D, 2703F, 2704F, 2705G, 2706G, 2707G, 2708G, 2718G, 2719G, 2719K, 2726G, 2727G, 2728G, 2729G, 2750G, 2751G, 2792G, 2814D, 2814G, 2819G, 2820G, 2821G, 2839G, 2840D, 2841D, 2842G, 2843G, 2847F, 2859G, 2876D, 2877F, 2878G, 2880K, 2882F, 2883G, 2889F, 2890G, 2895F, 2896G, 2913D, 2914D, 2915F, 2916F, 2917G, 2918G, 2929G, 2951L, 2960F, 2978F, 5020F, 5048P, 5054G, 5055P, 5071F, 5073D, 5074F, 5075G, 5076G, 5077F, 5078G, 5096G, 5098F;

Valeo 2518071, 2541163, 2541164, 2541452, 2910140, 2929780, 2940137, 2940138, 2940139, 2940140, 2940173, 2940353, 2940813, 2940861, 2940930, 2941095, 2941231, 2941447

Terminal ID: Red D+, Black D-, Green DF



M5-370
Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators

Used On: Perkins

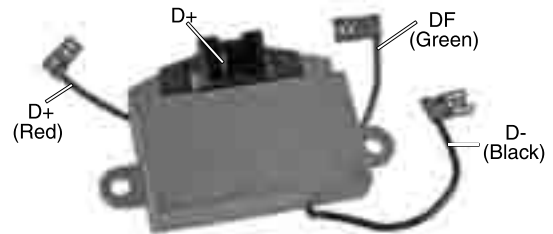
Replaces: Motorola / Valeo 9RC7052, 9RC7054; Valeo 505-037, 505-038, NB170, NB171

Unit Nos: Motorola / Valeo 9AR2732P, 2733P, 2734P, 2735P, 2736P, 2737P, 2738P, 2741P, 2742P, 2744P, 2745P, 2746P, 2747P, 2809D, 2831P, 2854P, 2881P, 2898P, 2923P, 2958P, 2998P, 2999P, 5031P, 5034P, 5080K;

Valeo 2518099, 2927340, 2940208, 2940732, 2940733, 2940754, 2940925, 2941123, 2941389

Lester Nos: 12154, 12292

Terminal ID: Red D+, Black D-, Green DF



M5-514
(Ref# 35-9418)

Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators

Used On: Peugeot

Replaces: Peugeot 576144; Valeo 505-033, 9RC7047, NB167

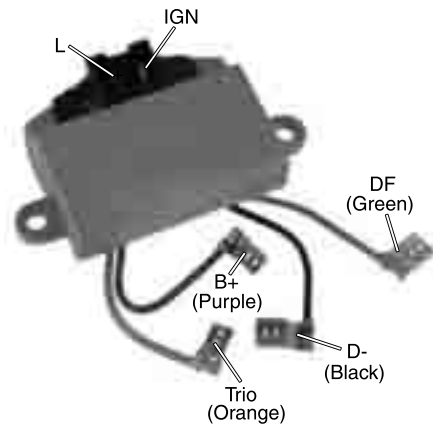
Unit Nos: Valeo 510-181, 510-257, 510-408, 9AR2690P, 9AR2815K, 9AR2964K, 9AR2998K, 9AR5006G, 9AR5049K, 9AR5097P

Lester Nos: 14609

WAI Ref. Nos: 1-1334-01VA

Terminal ID: Plug Type: M, Wiring Code: 2

Red Isolation Diode (+), Black Ground, Green Field



M5-515
(Ref# 35-9421)

Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators

Used On: (1987-80) Renault

Replaces: Motorola / Valeo 9RC7030, 9RC7101;

Valeo 2522098, 505-026

Unit Nos: Motorola / Valeo 9AR2659K, 2660K, 2675K, 2676K, 2695K, 2760K, 2778K, 2869K, 2933P, 2934K, 2934P, 2935P, 2936P, 2945K, 2948K, 2950P, 2996P, 5023P, 5042P

Lester Nos: 14325, 14327, 14329, 14582

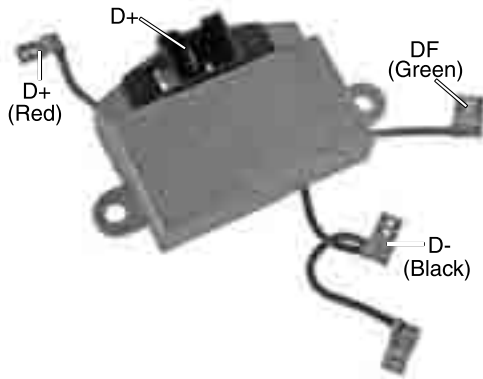
WAI Ref. Nos: 1-1307-01VA, 1-1309-01VA, 1-1314-01VA

Terminal ID: Orange Trio (-), Purple B+, Black D-, Green DF

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

Valeo - Motorola (cont'd.)



M5-517
(Ref# 35-9419)

Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators

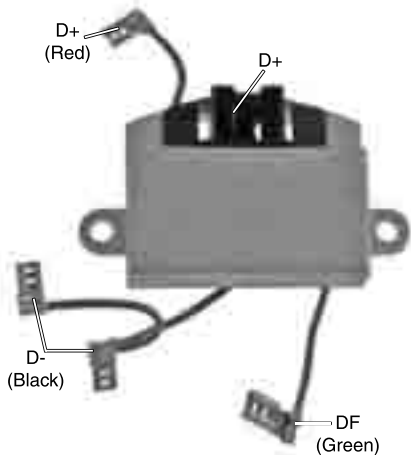
Used On: Volvo-Penta

Replaces: Motorola / Valeo 9RC7045; Valeo 505-034

Unit Nos: Motorola / Valeo 9AR2710P, 2712P, 2740P, 2748G, 2775F, 2946P, 5041P

Lester Nos: 12155

Terminal ID: Red D+, Black D-, Green DF



M5-518
Regulator

24 Volt, B-Circuit, 28.1 Vset

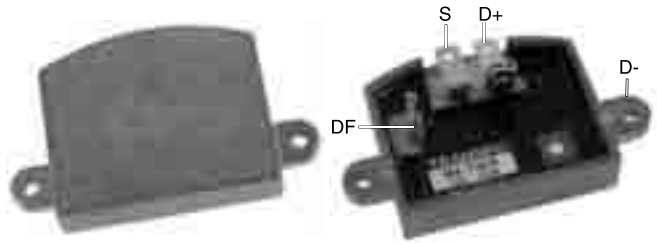
For: Motorola / Valeo 9AR Series IR/EF Alternators

Used On: Commercial Vehicles

Replaces: Motorola / Valeo 9RC8046, 9RC8055, 9RC8085; Valeo 505-035, -039, -094

Unit Nos: Motorola / Valeo 9AR3711G, 3713G, 3739G, 3743G, 3790G, 3791G, 3855G, 3894D, 3947G, 3953G, 3959G, 6000G, 6016G, 6032G, 6035G, 6094G; 'Valeo 2937430, 2940020, 2940753, 2940926, 2940928

Terminal ID: Red D+, Black D-, Green DF



M5-742A
Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola / Valeo 9DA, 9DB Series Alternators

Used On: Clark, Hyster, Timberjack Skidder, White Ag

Replaces: Motorola / Valeo 9RC2004; Valeo 105-170, 105-742

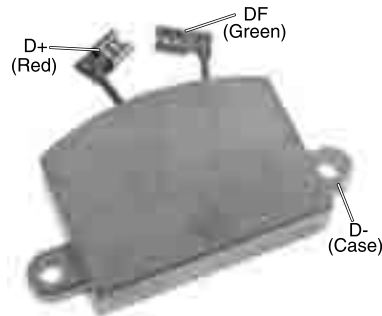
Unit Nos: Motorola / Valeo 9DA2JA2B07, JA2B08, LA2B07, LA2B08, LC2B07; 9DB2KG2B58, LA2B07, LE2B58, LF2B58, LG2B58, LG2B59, LH2B58, LJ2B58, LK2B58, LL2B58; 9HA2KC2B07;

Valeo 110-305, -741, -742, -743, -744, -747, -747A, -748, -748A

Lester Nos: 14080, 14081, 7454

Features:

- Adjustable voltage



M5-763
(Ref# 35-404)

Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Motorola / Valeo 9BB, 9BE, 9FB, 9FD, 9FE, 9FF Series;

Motorola / Valeo 9AR Series IR/EF Alternators

Used On: (1990-74) Audi, BMW, DeLorean, Jaguar, Peugeot, VW; Mack, Massey Ferguson

Replaces: Motorola 5-171, 5-180, -241, -763, -764;

Motorola / Valeo 9RC2003, 2006, 2008, 7002, 7003, 7004, 7008, 7020, 7022, 7028, 7031, 7036, 7038, 7059, 7063, 7065, 7071, 7073, 7093;

Prestolite 105-171, -180, -241, -763, -764;

Valeo 505-001, -003, -005, -008, -009, -010, -011, -016, -018, -025, -028, -029, -030, -070, -078, -082, -083, -090, -098, -099, -180

Unit Nos: Motorola 9BB2KA2A01, KB2A02, KB2A06, KB2A07; 9BE2KA2A14, KA2A21, KB2A06, KB2A07, KB2A08, KB2A15, KC2A32, KD2A40, NA2A21, NB2A38, NB2A45, NE2A41; 9FB2KA2A03, KB2A04, KB2A06, KB2A07, LD2A05, LD2A07; 9FD2KB2A12, KC2A35, LD2A07, LE2A13, NA2A19, NC2A24, ND2A34, ND2A42, NE2A33, NE2A43, NF2A37, NF2A44, NG2A39, PA2A16;

9FE2KA2A11, KA2A18, KB2A06, KB2A07, KB2A08, KB2A12, KC2A35, LD2A07, LE2A13, NA2A19, NB2A22, NC2A24, ND2A34, ND2A42, NE2A33, NE2A43, NF2A37, NF2A44, NG2A39;

9FF2KA2A18, KB2A07, KB2A08, KB2A12, KC2A35, LD2A07, LD2A08, LD2A10, LE2A13, NA2A18, NC2A24, ND2A42, ND3A34, NE2A33, NE2A43, NF2A37, NF2A44, NG2A39;

(cont'd.)

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)

(cont'd.)

9GD2NA2A25; 9JB2KA2F44;
 9JG2KA2F56, NA2F42, NA2F52, NB2F45, NB2F53, ND2F49,
 ND2F54, NF2F58;
 9LG2KA2F48, KB2F51, KB2F57, NA2F47, NB2F50, NB2F55;
 Motorola / Valeo 9AR2500K, 2501K, 2506K, 2510K, 2511F, 2512P,
 2513F, 2514F, 2515K, 2516F, 2517K, 2518F, 2519F, 2520K, 2524F,
 2525K, 2526F, 2527K, 2528F, 2529F, 2530K, 2533P, 2539K,
 2545K, 2547F, 2548F, 2549F, 2553K, 2554K, 2555K, 2556K,
 2561K, 2562K, 2563F, 2564F, 2565F, 2566K, 2567F, 2569G,
 2570G, 2576F, 2587F, 2588K, 2594G, 2596K, 2602F, 2603F,
 2604L, 2604P, 2605L, 2611F, 2612G, 2613F, 2614G, 2619G,
 2621L, 2622L, 2624U, 2629G, 2630K, 2632F, 2637P, 2638P,
 2661P, 2663K, 2671T, 2672P, 2673K, 2674T, 2684P, 2691G,
 2692G, 2693P, 2694P, 2709L, 2714F, 2715F, 2723P, 2724P, 2725F,
 2753P, 2753T, 2754P, 2754T, 2755P, 2756F, 2759, 2759K, 2763F,
 2764L, 2777L, 2779L, 2780K, 2784K, 2785K, 2786K, 2789G,
 2795P, 2795T, 2796T, 2805G, 2810L, 2811K, 2830L, 2833K,
 2838L, 2846K, 2851K, 2852K, 2853K, 2856K, 2861K, 2862,
 2862K, 2867L, 2884L, 2897L, 2909P, 2919P, 2920P, 2930G,
 2938T, 2944K, 2962P, 29631, 2963L, 2981L, 2982L, 2984L,
 2988L, 2989L, 2990P, 2991T, 2992P, 2993G, 2994P, 2997K,
 5001K, 5003T, 5010F, 5010K, 5026T, 5028K, 5036L, 5037L,
 5038L, 5039L, 5040K, 5043P, 5052U, 5070K, 5092K, 5108K;
 Valeo 510-001, -003, -005, -006, -012, -014, -015, -031, -038,
 -039, -040, -044, -045, -046, -054, -056, -057, -059, -087, -102,
 -104, -122, -123, -148, -155, -189, -191, -205, -218, -219, -220,
 -221, -232, -233, -245, -246, -270, -273, -283, -285, -296, -330,
 -357, -401, -403, -409, -412, -441, -453, -455, -465
Lester Nos: 12103, 12120, 12172, 12173, 12306, 13105,
 13106, 13113, 14068, 14071, 14073, 14094, 14297, 14332,
 14401, 14402, 14406, 14408, 14610, 14810, 14831, 14832,
 14834, 14984
WAI Ref. Nos: 1-1264-01VA, 1-1282-01MO, 1-1316-01VA,
 1-1322-01VA, 1-1385-01VA, 1-1390-01MO, 1-1392-01MO,
 1-1393-01MO, 1-1403-01MO, 1-1404-01MO, 1-1405-01MO,
 1-1456-01MO, 1-1534-01VA, 1-1584-01MO, 1-1585-01MO,
 1-1585-01VA, 1-1586-01MO, 1-1586-02MO, 1-1587-01MO
Terminal ID: Red D+, Green DF, Case D-.
Note: For adjustable voltage use M5-763A.
 For version w/ finned case use M5-765.

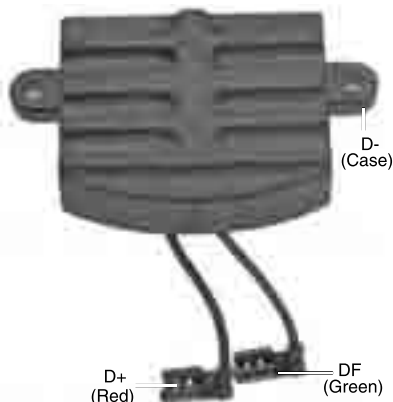
M5-763A Regulator

12 Volt, B-Circuit, 14.2 Vset

Same as M5-763 except...

Features:

- Adjustable voltage

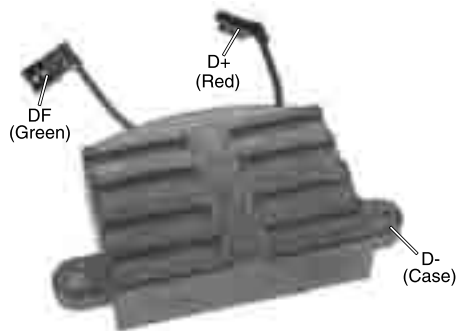


M5-765 Regulator

12 Volt, B-Circuit, 14.2 Vset

Same as M5-763 except...

Note: Finned case version of M5-763.



M5-826 Regulator

24 Volt, B-Circuit, 28.3 Vset

For: Motorola / Valeo 9AR Series IR/EF Alternators

Used On: Commercial Applications

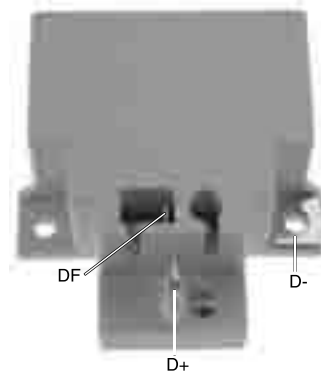
Replaces: Motorola / Valeo 9RC8026, 9RC8027, 9RC8061, 9RC8072;

Valeo 505-013, 505-017, 505-021, 505-077, 505-084, 592538, 592540, NB194, NB457, NB461

Unit Nos: Motorola / Valeo 9AR3599G, 3620G, 3631L, 3649G, 3721G, 3787G, 3797G, 3798G, 3802L, 3806G, 3825L, 3868G, 3921G, 3927G, 3949K, 3961G, 3983G, 3987G, 6012G, 6015K, 6025K, 6053L, 6057L, 6058L, 6093K;

Valeo 2523158, 2940060, 2940413, 2940414, 2940776, 2940778, 2940780

Terminal ID: Red D+, Green DF, Case D-



M5-762 Regulator

12 Volt, B-Circuit, 14.4 Vset

For: Motorola 8AL, 8AR Series IR/EF Alternators

Used On: (1979-75) VW

Replaces: Motorola 8RC2007, 105-762

Unit Nos: Motorola / Prestolite 8AL2034KA, 8AR2047K, 8AR2064K, 110-761; VW-Audi 043-903-023E

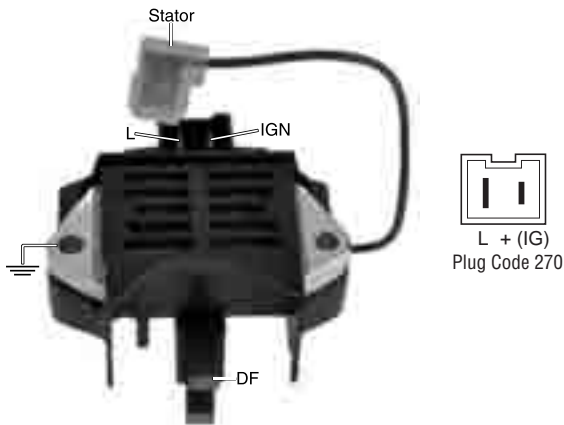
Lester Nos: 13080, 14991

WAI Ref. Nos: 1-1386-01MO

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

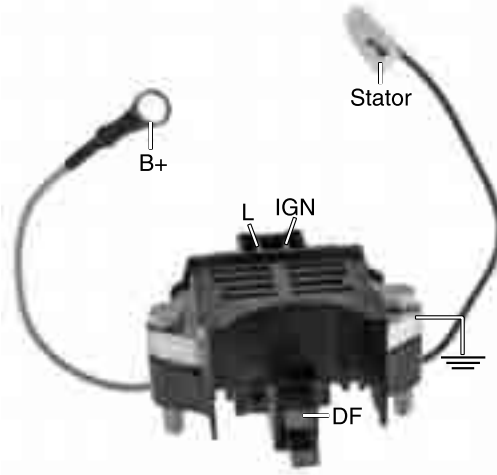
Valeo - Paris Rhone



IP122-1

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset**

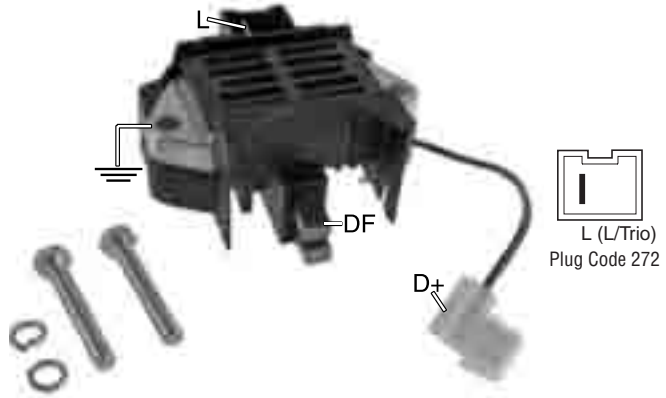
For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1989-79) Eagle, Jeep, Renault, Volvo
Replaces: Ducellier 592986;
 Paris Rhone 182023, 182046, 2541137, 2590522, 2590558, 300806, 300868, 300901, 92860, YH1649, YH1652, YH1654, YH1655, YH2654, YL122, YL129, YL149, YL152, YL152H, YL154, YL155, YV1652, YV1653, YV1655;
 Renault 5000-820-239, 7701-028-400, 7701-029-095, 7701-031-737, 7701-033-171, 7701-348-589;
 SEV 71490602, 72590602, 72590702;
 Valeo 2590588, 300668, 300795, 300894, 92860, 92927, NC189, NC192; Volvo 32876567
Unit Nos: Chrysler 53001762, 53002267;
 Jeep-Eagle JR775016, JR775024, JR775026, JR775145, JR775146;
 Paris Rhone / Valeo A13N6, 7, 10, 12, 13, 14, 15, 17, 18, 19, 20, 27, 29, 30, 31, 43, 49, 50, 53, 64, 65, 76, 85, 86, 87, 88, 89, 91, 97, 103, 104, 106, 107, 110, 113, 116, 117, 120, 121, 122, 124, 125, 126, 137, 139, 155, 156, 158, 161, 162, 164, 171, 172, 173, 180, 185, 187, 188, 199, 200, 201, 204, 206; A13R87, 188T, 218, 221, 231, 243, 247, 255, 256, 258, 260, 270;
 A14E25T, 45; A14N12, 13, 14, 25T, 37, 45, 50, 51, 56, 60, 63, 64, 65, 69, 74, 77, 85, 86, 89, 96, 97, 99, 106, 107, 113, 117, 130, 131, 132, 142, 150, 151, 156, 163, 171, 176, 178, 181, 183, 195; A14R25T, 43, 45
Lester Nos: 12049, 13224, 14039, 14322, 14326, 14329, 14331, 14420, 14567, 14582, 14893, 14894, 14895, 14899, 14900, 14921, 14922, 14959, 14961, 14963, 14978
WAI Ref. Nos: 1-1294-01PR, 1-1305-01PR, 1-1306-01PR, 1-1307-01PR, 1-1308-01PR, 1-1309-01PR, 1-1309-01SV, 1-1310-01PR, 1-1311-01PR, 1-1314-01PR, 1-1314-01SV, 1-1512-01PR, 1-1602-01PR
Note: Later style version of IP1652-1



IP123-1

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset**

For: Paris Rhone / Valeo IR/EF Alternators
Used On: Maserati, Peugeot, Renault, Volvo
Replaces: Paris Rhone YL123, YL123B, YL134, YL143; Valeo 092867, 300669, 92867
Unit Nos: Paris Rhone / Valeo A12M9, A12M11, A12M16, A12M17;
 Valeo 2098216, 2098482, 2102159, 2102160



IP125-1

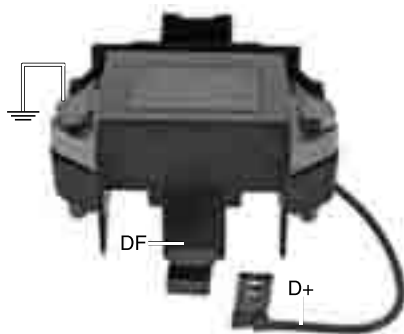
(Ref# 35-9401)

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.6 Vset**

For: Paris Rhone / Valeo IR/EF Alternators
Used On: (1990-80) Peugeot
Replaces: Paris Rhone 182120, 300820, 300830, 92897, 92902, 92940, 92981, YH1925, YH1933, YL124, YL125, YL132, YL133;
 SEV 72590902
Unit Nos: Paris Rhone / Valeo A12R33, A12R52, A13N25, A13N32, A13N38, A13N39, A13N40, A13N41, A13N42, A13N46, A13N47, A13N95, A13N129, A13N183, A13N239, A13N262, A13N271, A13R267, A13R268, A14N16, A14N23, A14N78, A14N80, A14N82, A14N88, A14N91, A14N90, A14N93;
 SEV 71635702, 71651502
Lester Nos: 14894, 14953, 14954, 14955
WAI Ref. Nos: 1-1331-01PR, 1-1334-01PR, 1-1336-01PR
Components:
 38-9402 Brush

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)



IP126
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.4 Vset

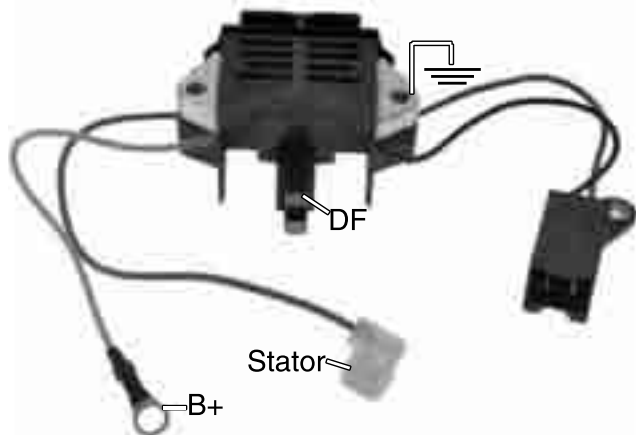
For: Paris Rhone / Valeo IR/EF Alternators

Used On: Marine, Industrial

Replaces: Paris Rhone ZL126;

Renault 5000-297-938, 5001-014-690;
 Valeo 092962, 590640, 92901, 92962, A541184A, NC171,
 ZL128, ZV3928

Unit Nos: Paris Rhone / Valeo A13N4T, 5T, 11, 131, 131T, 168,
 174, 190, 229, 229T, 22T, 246, 248, 249, 250, 251, 252, 253,
 254; A14N39, 104, 108, 108T, 109T, 124, 133, 135, 138, 138M,
 140, 146, 159, 160, 182, 184, 185, 186, 187, 188, 189, 190,
 192M, 205; A14R33;
 Valeo 2099755, 2100363, 2100442, 2100896, 2101375,
 2102334, 2180475, 2181643, 2541144, 2541145, 2541161,
 2541178, 2541208, 2541209, 2541329, 2541414, 2541561,
 2541618, 2541621, 2541627, 2541629, 2541630, 2541631,
 2541632, 2541633, 2541634, 2541635, 2541636, 2541637,
 2541638, 2541639, 2541640, 2541692, 436377, 436394,
 436395



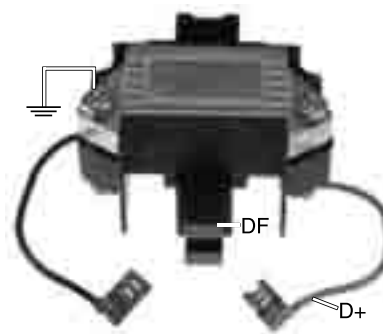
IP130
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Citroen

Replaces: Paris Rhone 300675, YL130, YL131, YL136, YL140,
 YL141; SEV 72591502;

Valeo 092918, 092933, 300667, 300676, 92930, 92933
Unit Nos: Paris Rhone / Valeo A12R38, A12R46, A14N1,
 A14N2, A14N55, A14R37, A14R42, A14R46, A14RN1, A14RN2;
 Valeo 2092943, 2100015, 2100061, 2100108, 2100634,
 2102157, 2102314, 433363



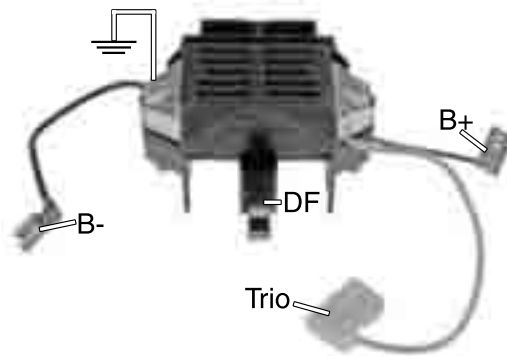
IP132
 (Ref# 35-9427)
Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.4 Vset

For: Valeo IR/EF Alternators

Used On: KHD Industrial Engines

Replaces: Paris Rhone YV3932, ZL132, ZL134, ZV3932;
 Valeo 182008, 2590537

Unit Nos: Valeo A13N51, A13N140T, A13N257, A13N272



IP736
Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.2 Vset

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Volvo Penta Marine

Replaces: Paris Rhone YV7736, Valeo 593135

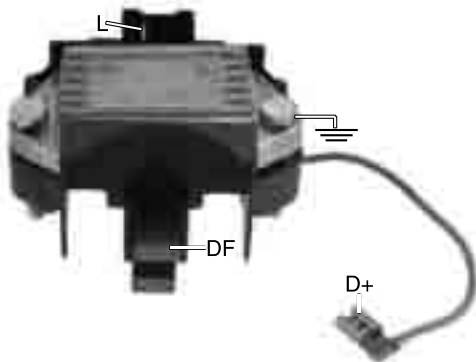
Unit Nos: Paris Rhone / Valeo A13N234, A13N259, A13N285

Terminal ID: Trio, B+, B-

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

Valeo - Paris Rhone (cont'd.)



IP955

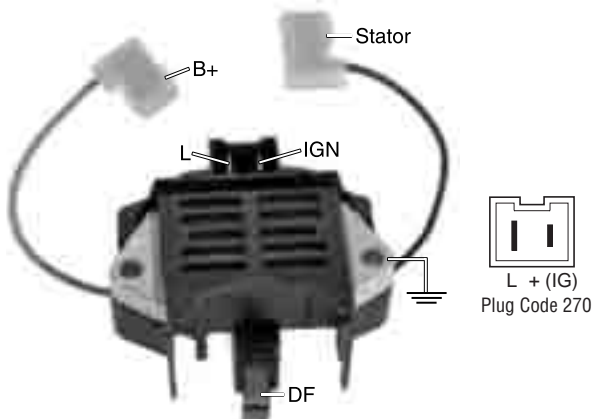
**Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 28.4 Vset**

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Industrial Applications

Replaces: Paris Rhone ZL127; Peugeot 576151; Valeo 092955, NC692

Unit Nos: Paris Rhone / Valeo A12R35T, A14R34T, A14R54T, A14R341T, A14R541T, A14R542T, A14R543T; Valeo 2099801, 2099821, 2100225, 2103163, 2103164, 2103484



IP1639-1

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset**

For: Paris Rhone / Valeo IR/EF Alternators

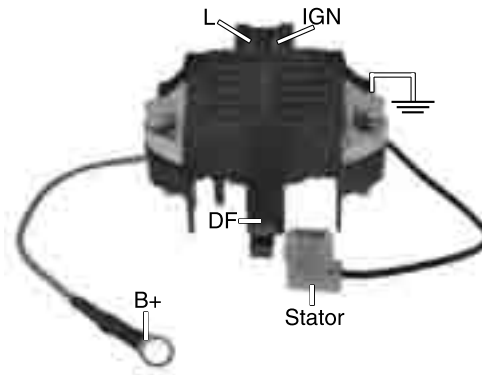
Used On: Peugeot, Renault, Saab, Winnebago

Replaces: Paris Rhone 182005, 300883, YH1639, YH2602, YH2605, YH2606, YL126, YL138, YL139, YL151, YV1654; Peugeot 576157; Renault 5001-926-111, 7701-030-814; Valeo 092937, 092982, 092990, 182011, 300725, 590660, 92937, 92982, 92990, A518052A, NC175, NC176, NC191, YV2605

Unit Nos: Paris Rhone / Valeo A13N9, 16, 54, 63, 69, 76, 81, 90, 92, 96, 98, 105, 112, 114, 115, 119, 127, 128, 136, 145, 150, 155M, 157, 159, 160, 163, 170, 191, 192, 193, 194, 195, 196, 197, 202, 203, 205, 208, 209, 210, 211, 212, 213, 225, 226, 230, 230T, 235; A13R269; A14N4, 9, 10, 19, 22, 35, 36, 40, 42, 53, 54, 59, 62, 68, 70, 73, 75, 76, 79, 83, 84, 94, 95, 101, 102, 103, 111M, 121, 125, 127M, 134, 143, 144, 147, 148, 149, 152, 153, 154, 155, 157, 158, 161, 162, 164, 165, 166, 167, 168, 169, 170, 179, 199, 199M

Lester Nos: 14894, 14959, 14986

WAI Ref. Nos: 1-1310-01PR, 1-1331-01PR



IP1652-1

(Ref# 35-9405-1)

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.4 Vset**

For: Paris Rhone / Valeo, SEV / Valeo IR/EF Alternators

Used On: (1989-79) Eagle, Jeep, Renault, Volvo

Replaces: Paris Rhone 182005, 182023, 182046, 2541137, 2590522, 2590558, 300806, 300868, 300901, 92860, YH1649, YH1652, YH1654, YH1655, YH2605, YH2654, YL122, YL152, YV1652;

SEV 72590602, 72590702

Unit Nos: Paris Rhone / Valeo A13N6, 7, 10, 12, 13, 14, 15, 17, 18, 19, 20, 27, 31, 43, 49, 53, 65, 88, 103, 104, 106, 107, 110, 113, 116, 117, 121; A13R231, 243, 247, 255, 258; A14N12, 14, 37, 50, 51, 56, 63, 65, 69, 76, 77, 86, 89, 95, 97, 99, 107, 113, 117, 181, 195; A14R45;

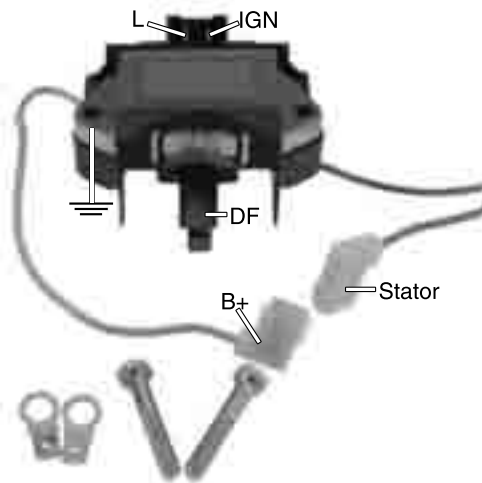
SEV / Valeo 71651902, 71652402, 71652602

Lester Nos: 13224; 14039, 322, 326, 329, 331, 420, 567, 582, 895, 899, 900, 922, 959, 961, 963, 978

Note: Later style version of IP122-1.

Components:

38-9402 Brush



IP1655

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset**

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Renault

Replaces: Ducellier 592987, Paris Rhone YL1655, Valeo 092860

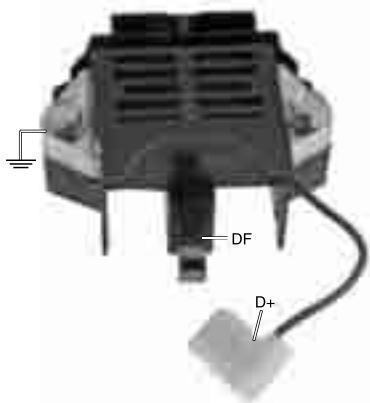
Unit Nos: Paris Rhone / Valeo A12R36, A12R43, A12R45, A12R57, A13M14, A13R147, A13R222, A13R228, A13R230, A13R242;

SEV 71651802, 71770202;

Valeo 2097455, 2097772, 2098215, 2098229, 2099419, 2099421, 2099422, 2099761, 2099767, 2100309, 2100349, 2100597, 2100678, 2100954, 2101935, 2101988, 2102158, 2102231, 2105113, 2105555, 432857

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)



IP1903

(Ref# 35-9420)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.6 Vset

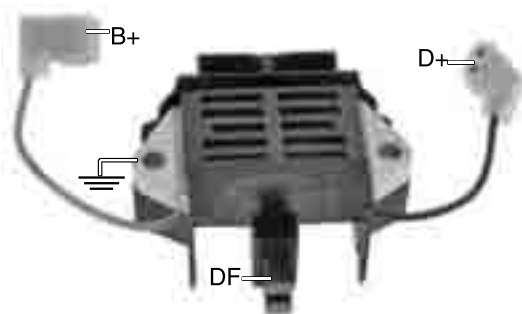
For: Paris Rhone / Valeo IR/EF Alternators

Used On: Deutz, Hyundai Pony

Replaces: Paris Rhone 182007, 182013, 300685, YH1903, YH1928, YL128, YL145

Unit Nos: Paris Rhone / Valeo A13N21T, A13N26, A13N34, A13N52, A13N71, A13N72, A13N73, A13N74, A13N75, A13N78, A13N80, A13N93, A13N165, A13N198, A13N255, A13N258

Lester Nos: 13208, 14942



IP2700-1

(Ref# 35-9404)

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.6 Vset

For: Paris Rhone / Valeo IR/EF Alternators

Used On: (1989-77) Porsche

Replaces: Paris Rhone 92991, 300871, YH2700, YL137; Porsche 911-603-913-01, 928-603-207-00

Unit Nos: Paris Rhone / Valeo A14N11, A14N38, A14N67, A14N71;

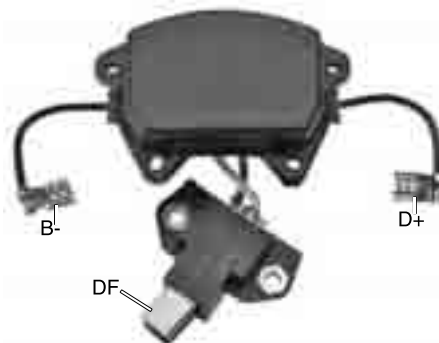
Porsche 928-603-114-00, 928-603-114-01, 911-603-120-04, 911-603-120-05

Lester Nos: 14594, 14602, 14892, 14957

WAI Ref. Nos: 1-1361-01PR, 1-1362-01PR, 1-1579-01PR

Components:

38-9402 Brush



IP129B

(Ref# 35-9415)

Regulator / Brush Holder Assy.

24 Volt, A-Circuit, 27.5 Vset

For: Paris Rhone / Valeo IR/EF Alternators

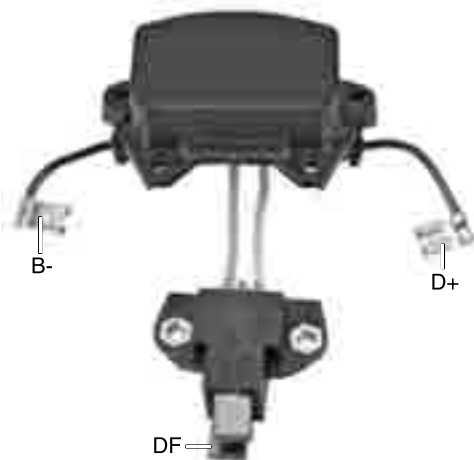
Used On: Volvo Penta Marine

Replaces: Paris Rhone 300744, ZL129

Unit Nos: Paris Rhone / Valeo A13N36M, A14N47M, A14N81M

Features:

- Adjustable voltage



IP135B

Regulator / Brush Holder Assy.

12 Volt, A-Circuit, 14.3 Vset

For: Paris Rhone / Valeo IR/EF Alternators

Used On: Volvo Penta Marine

Replaces: Paris Rhone 300692, 300741, 92966, YL135, YL146, YL147; Valeo NC362, NC927

Unit Nos: Paris Rhone / Valeo A13N1M, A13N2M, A13N35M, A13N55M, A13N57M, A13N58M, A13N186M, A14N29M, A14N48M, A14N66M;

Volvo-Penta 841762, 841765, 841765

Lester Nos: 13060, 13068

WAI Ref. Nos: 1-1938-01PR, 1-1945-01PR

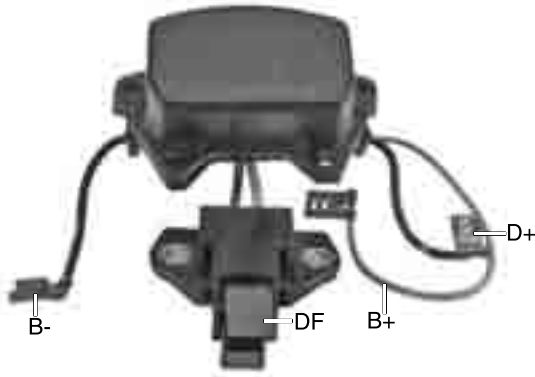
Note: 2-wire regulator.

For 3-wire version use IP735B.

ALTERNATOR - REGULATORS (TRANSPO)

VALEO

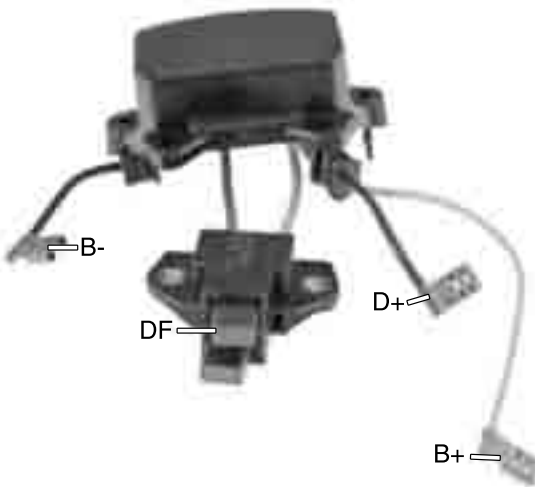
Valeo - Paris Rhone (cont'd.)



IP729B

**Regulator / Brush Holder Assy.
24 Volt, A-Circuit, 27.5 Vset**

- For:** Paris Rhone / Valeo IR/EF Alternators
Used On: Industrial Applications
Replaces: Paris Rhone ZV3729, ZY3729;
 Valeo 590536, Volvo 872368
Unit Nos: Paris Rhone / Valeo A13N33M; A14N100M, 119M,
 122M, 137, 137M, 141M, 200, 200M;
 Valeo 2102052, 2180619, 2180620, 2541168, 2541199
Features:
 • Adjustable voltage

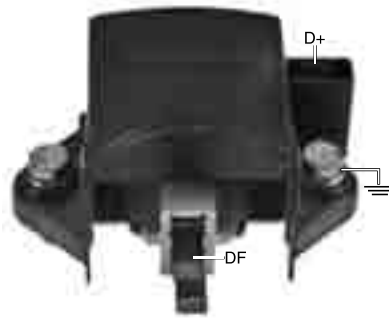


IP735B

(Ref# 35-9400-1)

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.3 Vset**

- For:** Paris Rhone / Valeo IR/EF Alternators
Used On: Volvo Penta Marine
Replaces: Paris Rhone 2590512, YV7735;
 Valeo 872367, 2518337
Unit Nos: Paris Rhone / Valeo A13N28M, A13N66M,
 A13N147M, A13N148M, A13N149M;
 Volvo-Penta 858838, 858839
Lester Nos: 13068
WAI Ref. Nos: 1-1938-01PR, 1-1945-01PR
Note: 3-wire regulator will replace 2-wire regulator IP135B.
 Yellow S-terminal wire must be connected to B+ battery positive
 for sensing.

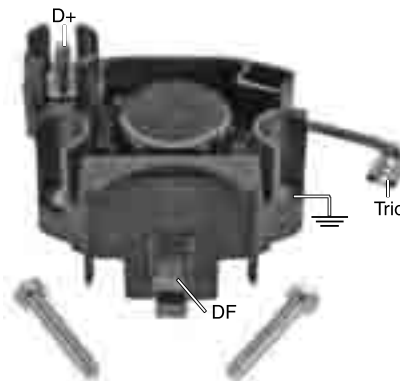


IP127

(Ref# 35-9402)

**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.7 Vset**

- For:** Paris Rhone / Valeo IR/EF Alternators
Used On: (1990-80) Peugeot
Replaces: Paris Rhone 92856, 92913, 97729, YL120, YL121,
 YL127
Unit Nos: Paris Rhone / Valeo A12R30, A12R31, A12R32,
 A13R192, A14R35, A14R41;
 Peugeot 570283, 570291;
 Valeo 104378, 432745, 432772
Lester Nos: 14584, 14953, 14954, 14955
WAI Ref. Nos: 1-1330-01PR, 1-1334-01PR, 1-1336-01PR



IP1926

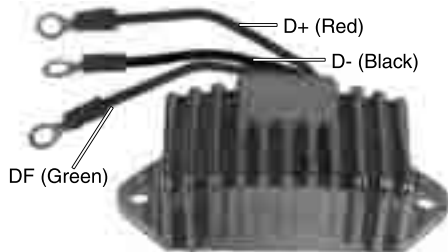
**Regulator / Brush Holder Assy.
12 Volt, A-Circuit, 14.5 Vset**

- For:** Paris Rhone / Valeo IR/EF Alternators
Used On: Citroen
Replaces: Citroen 9405761798,
 Paris Rhone YV1926, Peugeot 576179;
 Valeo 2541192, 2541193, 590688, 9RC2047, YV1926T
Unit Nos: Paris Rhone / Valeo A13N184, A13N217, A14N139,
 A14N172;
 Valeo 2541188, 2541189, 2541365

ALTERNATOR - REGULATORS

ALTERNATOR - REGULATORS (TRANSPO)

Valeo - SEV



IS219
(Ref# 35-9410)

Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

For: SEV / Valeo IR/EF Alternators

Used On: Renault, Volvo Penta

Replaces: SEV 72115002, 72360002, 72360102, 72360302, 72365902, 72367002, 72367102, 72367202, 72367802, 72370002, 72563702, 72565902

Unit Nos: SEV / Valeo 70229002, 70229102, 70229402, 70229502, 70229802, 70230002, 70230102, 70230202, 70230402

Terminal ID: Red D+, Black D-, Green DF.

Note: For version w/ adjustable voltage use IS219A

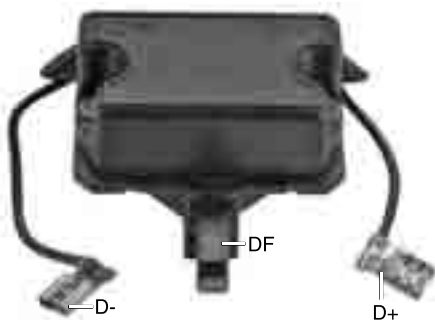
IS219A Regulator

12 Volt, B-Circuit, 14.2 Vset, Neg. Grd.

Same as IS219 except...

Features:

- Adjustable voltage



IS222
(Ref# 35-9409)

Regulator / Brush Holder Assy.

12 Volt, B-Circuit, 14.3 Vset

For: SEV / Valeo IR/EF Alternators

Used On: (1986-78) Peugeot, Saab

Replaces: SEV 72563002, 72563302, 72590002, 72590302

Unit Nos: Saab 85-57-076;

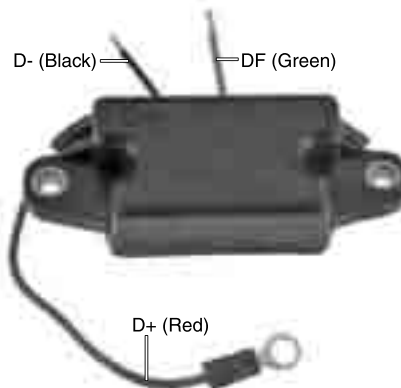
SEV / Valeo 71636202, 71636302, 71636402, 71636802, 71636902, 71652002, 71652102, 71652302, 71653102, 71653202, 71655202;

Valeo 432745

Lester Nos: 14320, 14609

WAI Ref. Nos: 1-1281-01SV, 1-1334-01SV

Terminal ID: Red D+, Black D-



IS223
(Ref# 35-9408)

Regulator / Brush Holder Assy. 12 Volt, B-Circuit, 14.4 Vset

For: SEV / Valeo IR/EF Alternators

Used On: (1984-78) Porsche

Replaces: SEV 72390002, 72390102, 72390202, 72563102, 72573602, 72590101, 72590102, 72592202, 72593702

Unit Nos: Porsche 928-603-113-03;

SEV / Valeo 70229602, 70230302, 70230502, 71236002, 71271502, 71314202, 71470402, 71473602, 71473802

Lester Nos: 14572

WAI Ref. Nos: 1-1369-01SV

Terminal ID: Red D+, Black D-, Green DF

ALTERNATOR - REGULATORS (TRANSPO)

SPECIALTY



V1210

Regulator

12 Volt, B-Circuit, 14.2 Vset

For: Ford 1G Series ER/EF Alternators

Used On: Ford Applications subject to severe duty, extreme temperatures, voltage spikes or dirty environment

Replaces: Ford D9PZ-10316-A, E2PZ-10316-A, F0AZ-10316-A, F0PZ-10316-A, E4AZ-10316-B, GR-540-A, GR-540-B, GR-803

Terminal ID: I Light, A B+, S Stator, F Field, Case B-

Note: Severe duty version of F540 series regulators.

Features:

- Voyager Series Regulator
- Adjustable Voltage (13.0-16.0V)
- Field rating 10 amps
- Chrome Case



V1700

Regulator

12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications

Features:

- Voyager Series Regulator
- Adjustable voltage
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage



V1200

Regulator

12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications

Note:

For version w/ Ford OE style narrow blade terminals use V1200F.

For version w/ under voltage warning light us V1300.

For 24 volt version use V2400.

Features:

- Voyager Series Regulator
- Adjustable voltage (13.0-16.0V)
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



V1200F

Regulator

12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications

Note: Same as V1200 but Ford OE style narrow blade terminals.

Accommodates Ford OE Wire Harness Connector.

Features:

- Voyager Series Regulator
- Adjustable voltage (13.0-16.0V)
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



V1300
Regulator
12 Volt, B-Circuit, 14.2 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications

Note: Same as V1200 but with under voltage warning light.

Features:

- Voyager Series Regulator
- Adjustable voltage
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



V2400
Regulator
24 Volt, B-Circuit, 27.5 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications

Note: 24 volt version of V1200.

Features:

- Voyager Series Regulator
- Adjustable voltage
- Precise digital regulation
- Short circuit protected
- High current capability
- Over voltage protection
- Ignition or light circuit activated with high side regulation (B-circuit)
- Protected against loss of ground and under voltage
- LED's for easy troubleshooting
- Fault detection indicators



911-02R
Regulator
12 Volt, B-Circuit, 15.0 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications

Terminal ID: IGN-NEG-FLD

Features:

- Specialty Regulator
- Self current limiting to protect against intermittent short circuit
- Load dump protection against abrupt full load to no load
- Extra filter networks to protect against voltage spikes
- Adjustable voltage with potentiometer positioned to protect against tampering
- Reverse polarity protection
- Epoxy encapsulated to protect against moisture and vibration
- Positive or negative ground system compatibility
- All connections to external terminal
- All silicon transistor design complies with federal specifications
- Certified burn-in cycle qualified
- Adjustable voltage (14-20V)
- Compatible with 8A rotors
- Remote mount potentiometer

ALTERNATOR - REGULATORS (TRANSPO)

SPECIALTY (cont'd.)



911-04

Regulator

12 Volt, B-Circuit, 15.0 Vset

Used On: EMV, Industrial, Limo, Marine, Police Car, RV, Taxi Applications

Terminal ID: IGN-NEG-FLD

Features:

- Specialty Regulator
- Self current limiting to protect against intermittent short circuit
- Load dump protection against abrupt full load to no load
- Extra filter networks to protect against voltage spikes
- Adjustable voltage (13.0V-15.5V) with potentiometer positioned to protect against tempering
- Reverse polarity protection
- Epoxy encapsulated to protect against moisture and vibration
- Positive or negative ground system compatibility
- All connections to external terminal
- All silicon transistor design complies with federal specifications
- Certified burn-in cycle qualified
- Adjustable voltage (13.0-15.5V)
- Compatible with 8A rotors
- Stator activated



D7022QS12

Regulator Exciter

Universal 12V Quick Start Exciter

For: 12 Charging Systems, mounts externally to alternator thru-bolt.

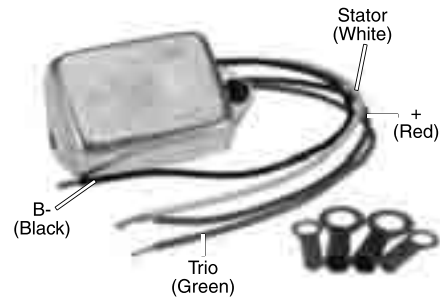
Lead-Wire Attachment:

Red B+, White Stator, Green Trio (or I, L), Black B-

Note: To convert 3-wire alternator to 1-wire, connect trio wire to regulator I or L-terminal.

Features:

- Greatly improves turn-on characteristics of 1-wire, self-exciting alternators



D7022QS24

Regulator Exciter

Universal 24V Quick Start Exciter

For: 24 Charging Systems, mounts externally to alternator thru-bolt.

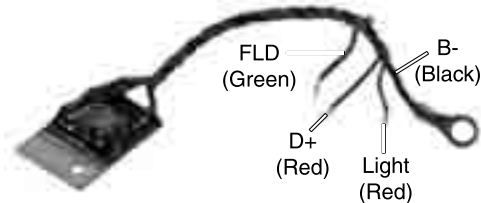
Lead-Wire Attachment:

Red B+, White Stator, Green Trio (or I, L), Black B-

Note: To convert 3-wire alternator to 1-wire, connect trio wire to regulator I or L-terminal.

Features:

- Greatly improves turn-on characteristics of 1-wire, self-exciting alternators



TRI100

(Ref# 35-8105)

Conversion Regulator

12 Volt, A-Circuit, 14.4 Vset

For: Converting Externally Regulated (ER) Hitachi Alternators to Internal Regulation (IR)

Lester Nos:

14105 to 14231

14118 to 14255

Terminal ID: Red D+, Light, Black B-, Green Field

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

HITACHI



TRI247
(Ref# 35-8115-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.5 Vset
For: Hitachi IR/IF Alternators
Used On: (1994-90) Subaru
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
Note: For repairing IH247 regulator



TRI248
(Ref# 35-8116-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.4 Vset
For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B;
LR170-734B, LR170-739, LR180-725,
LR180-729
Lester Nos: 13273, 13285, 13287,
13329, 13533
Note: For repairing IH248 regulator.



TRI410
(Ref# 35-8102-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1989-84) Nissan
Unit Nos: Hitachi LR170-701B, E;
LR170-702B
Lester Nos: 14655, 14717
Note: For repairing IH237, IH240 regula-
tors.



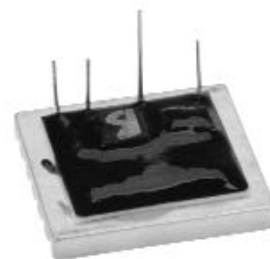
TRI420
(Ref# 35-8103-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1987-85) Nissan, Subaru
Unit Nos: Hitachi LR165-704,
LR170-713, LR170-721, LR180-704,
LR190-709
Lester Nos: 14651, 14661, 14743,
14752
Note: For repairing IH243, IH250 regula-
tors and OE version of IH238 regulator.



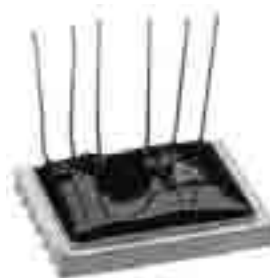
TRI421
(Ref# 35-8107-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1993-85) Infiniti, Nissan,
Subaru
Unit Nos: Hitachi LR165-704B, -705,
-707, -707B; LR170-707B, -710B,
-721B; LR175-707, -707D; LR180-708,
-710B, -721B, -724; LR190-704B, -706,
-707, -707B, -709B, -711, -714
Lester Nos: 13250, 13262, 13324,
14651, 14661, 14743, 14752
Note: For repairing IH239, IH245, IH246,
IH249 regulators



TRI422
(Ref# 35-8104-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset
For: Hitachi IR/IF Alternators
Used On: (1990-86) Nissan
Unit Nos: Hitachi LR160-715,
LR170-714; LR170-715, -715B;
LR170-716, -716B; LR170-717,
LR180-715; LR180-718, -718B;
LR180-719
Lester Nos: 13273, 13327, 14241,
14242, 14719, 14979
Note: For repairing IH242 regulator.



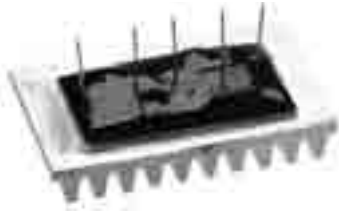
TRI423
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Note: For repairing IH238 regulator
(Transpo version only).



TRI430
(Ref# 35-8110-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.6 Vset
For: Hitachi IR/IF Alternators
Used On: (1996-86) Honda, Isuzu
Unit Nos: Hitachi LR150-703;
LR150-704, H, LR160-718, H
Lester Nos: 14859, 14860, 14960
Note: For repairing IH241, IH244 regula-
tors

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSP0)

HITACHI (cont'd.)



TRI431

(Ref# 35-8125-5)

Repair Circuit

12 Volt, A-Circuit,

S-IG-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1996-93) Honda, Isuzu
Unit Nos: Hitachi LR150-711, LR160-725, LR160-726
Lester Nos: 13564, 14859, 14960
Note: For repairing IH251 regulator.



TRI760

(Ref# 35-8119-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1991) Nissan
Unit Nos: Hitachi LR170-738, B; Nissan 23100-50Y06, -50Y09
Lester Nos: 13334
Note: For repairing IH760 regulator.



TRI761

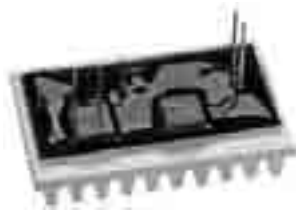
(Ref# 35-8122-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1994-87) Nissan
Unit Nos: Hitachi LR170-738C, LR170-744, LR180-731B, LR180-735, LR190-715B, LR195-701
Lester Nos: 13333, 13334, 13477
Note: For repairing IH761, IH763, IH765 regulators.



TRI767

(Ref# 35-8126-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1999-95) Nissan
Unit Nos: Hitachi LR160-724, -727; LR165-711, -711B; LR170-739B, -743, -745, -745B, -746, -746E, -746F, -746G, -746J, -748, -748B, -750C, -750E, -752, -752B; LR180-725B, -725C, -725E, -734B, -734C, -736B, -741, -741B, -741H, -744; LR190-717, -725B, -725E, -732
Lester Nos: 13329, 13474, 13531, 13533, 13534, 13535, 13636, 13637, 13640, 13643, 13644
Note: For repairing IH762, IH767 regulator.



TRI770

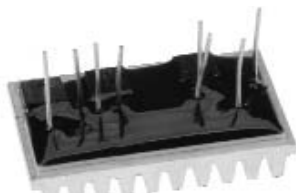
(Ref# 35-8118-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.3 Vset

For: Hitachi IR/IF Alternators
Used On: (1993-90) Infiniti
Unit Nos: Hitachi LR1100-702, LR1110-701, LR1110-702
Lester Nos: 13261
Note: For repairing IH770 regulator.



TRI772

Repair Circuit

12 Volt, A-Circuit, S-L-C-IG Terminals, 14.6 Vset

For: Hitachi IR/IF Alternators
Used On: (1998-97) Isuzu, Honda
Unit Nos: Hitachi LR160-630C, LR160-729C, LR160-731, LR170-755
Lester Nos: 13744, 13757, 13775
Note: For repairing IH772 regulator.

MANDO



TRI058

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.5 Vset

For: Mando 90A IR/IF Alternators
Used On: (2001-97) Hyundai Accent, Elantra, Tiburon 1.5L, 1.8L, 2.0L
Unit Nos: Hyundai 37300-22200, Mando AB190058
Lester Nos: 13702
Note: For repairing IY058 regulator



TRI503

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.5 Vset

For: Mando IR/IF Alternators
Used On: (1995) Hyundai
Unit Nos: Mando AB111057; Hyundai 37300-35570, 37300-35571
Lester Nos: 13351



TRI400R

(Ref# 35-8301-5)

Repair Circuit

12 Volt, A-Circuit,

R-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-84) Dodge, Ford, Hyundai, Mazda, Mitsubishi, Plymouth, Subaru
Unit Nos: Mando AB155001, AR160A; (cont'd.)

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

(cont'd.)

Mitsubishi A1T01991, A1T02592, A1T02595, A1T02952, A1T33474, A1T33872, A1T33874, A1T34472, A1T34572, A1T34672, A1T40391, A1T40491, A1T40671, A1T40791, A1T40891, A2T00991, A2T03072, A2T03591, A2T03691, A2T03792, A2T03892, A2T04191, A2T04474, A2T07577, A2T13571, A2T13571A, A2T17872, A2T41674, A2T41677, A2T41791, A2T41991, A2T42671, A2T42677, A2T42777, A2T42899, A2T43791, A2T43891, A2T43892, A2T44991, A2T45091, A2T47371, A2T47371A, A2T47474, A2T47974, A2T49891, A5T10377, A5T10477, A5T16471, A5T23171, A5T30574, A5T30599, A5T30871, A5T30977, A5T31177, A5T31277, A5T31971, A5T31971A, A5T32571, A5T40374, A5T40377, A5T41474, A5T41477, A7T20199, A7T30271, A7T30492, A7T30571, A7T30674, A7T30692

Lester Nos: 13182, 259, 292, 318; 14431, 434, 435, 445, 447, 693, 694, 697, 699, 700, 706, 708, 709, 876, 902, 903, 906, 908, 910, 916, 917, 943, 950, 967

Note: For repairing IM216-1, IM266, IM269, IM294 regulators.



TRI400S

(Ref# 35-8302-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators

Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Nissan, Plymouth, Subaru

Unit Nos: Mando AB175002, AB175015, AB175019, AB175020, AB190012;

Mitsubishi A2T02271, A2T02471, A2T02572, A2T02577, A2T02671, A2T02771, A2T02871, A2T02971, A2T02977, A2T03171, A2T03471, A2T03477, A2T03972, A2T04271, A2T04277, A2T04992, A2T06871, A2T07071, A2T07172, A2T09291, A2T09392, A2T09493, A2T09691, A2T09792, A2T14792, A2T17692, A2T22991, A2T28291, A2T40671; A2T42571, A; A2T42599, A; A2T45272, A, B; A2T45494; A2T48176, A, B; A2T48195, A, B; A2T48691, A2T48791, A2T49176B, A2T49972, A2T49977,

(cont'd.)

(cont'd.)

A2T49992, A3T00692, A3T00792, A3T01691, A3T02192, A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T03891, A3T04292, A3T04493, A3T06591, A3T06691, A3T08293, A3T41876, A3T41892, A3T45693, A3T45694, A5T40195, A5T40195B, A5T41094

Lester Nos: 12303; 13197, 238, 249, 257, 263, 271, 272, 289, 290, 332, 352, 701; 14427, 428, 429, 430, 432, 433, 436, 437, 438, 655, 656, 657, 725

Note: For repairing IM217-1, IM261 regulators.



TRI830

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.5 Vset, wo/ LRC

For: Mando, Mitsubishi IR/IF Alternators

Used On: (2001-91) Ford, Mazda, Mercury, Subaru

Unit Nos: Mando AB160044; Mitsubishi A2T33191, A2T33891, A2T33892, A2T33991, A2T35177, A2T36578, A2T38977, A2T39091, A2T39291, A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891, A3T07592, A3T08491, A3T08591, A5T03391, A5T03677, A5T03777
Lester Nos: 13227, 13350, 13432, 13445, 13446, 13460, 13479, 13511, 13523, 13559, 13574, 13614, 13650, 13698

Note: For repairing IM830 regulator.

MITSUBISHI



TRI211

Repair Circuit

12 Volt, A-Circuit,
L Terminals, 14.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Citroen, Peugeot

Unit Nos: Mitsubishi A1T02674, D

Note: For repairing IM211 regulator



TRI232

(Ref# 35-8353-5)

Repair Circuit

12 Volt, A-Circuit, 14.3 Vset

For: Mitsubishi IR/IF Alternators

Used On: Ford Escort, Fiesta, Orion, Zeta (Great Britain)

Unit Nos: Ford 92AB-10300-FA, -JA; Mitsubishi A2T14591, A2T14592, A2T28792, A2T32692

Note: For repairing IM232 regulator.



TRI267

(Ref# 35-8312-5)

Repair Circuit

12 Volt, A-Circuit,
C-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1987-84) Honda CRX

Unit Nos: Honda 31100-PE0-906, 31100-PE0-927; Mitsubishi A1T01691

Note: For repairing IM267 regulator

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

MITSUBISHI (cont'd.)



TRI268

(Ref# 35-8313-5)

Repair Circuit

12 Volt, A-Circuit,

I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-88) Ford, Mazda, Mercury

Unit Nos: Mitsubishi A2T13977, A2T17574, A2T18177, A2T18277, A2T18874, A2T19677, A2T19877, A2T19991, A2T20091, A2T20191, A2T34477, A3T01596, A3T01598, A3T05274, A3T06791, A5T00777, A5T00877, A5T00972, A5T01271, A5T01577, A5T01977, A5T02377, A5T02777

Lester Nos: 13188, 13190, 13211, 13227, 13231, 13237, 13253, 13282, 13295, 13297, 13299, 13314, 13337, 13350, 13432

Note: For repairing IM268-1, IM277, IM279, IM280, IM829 regulators.



TRI270

(Ref# 35-8316-5)

Repair Circuit

12 Volt, A-Circuit,

I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1988) Ford
Unit Nos: Mitsubishi A3T01496
Lester Nos: 13189

Note: For repairing IM270 regulator.



TRI271

(Ref# 35-8318-5)

Repair Circuit

12 Volt, A-Circuit,
I-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-89) Dodge, Eagle, Ford, Mercury, Mitsubishi, Nissan, Plymouth

Unit Nos: Mitsubishi A2T32899, A2T34892, A2T34991, A2T34992, A2T35091, A2T35092, A2T36391, A2T36392, A2T38291, A2T38391, A2T38491, A2T38891, A2T38892, A2T39991, A2T39992, A2T40092, A2T80591, A2T81791, A2TA0991, A2TA2871, A2TA3491, A3T00491, A3T00896, A3T11591, A3T12291, A3T12391, A3T12491, A3T12691, A3T12792, A3T12991, A3T13091, A3T13191, A3T13291, A3T14491, A3TA0791, A3TA1091, A3TA1191, A3TA1391, A4T01192, A4T02591, A5T05091, A5T07592

Lester Nos: 12311, 13230, 13282, 13298, 13430, 13450, 13451, 13473, 13584, 13596, 13597, 13598, 13615, 13616, 13692, 13786, 13439

Note: For repairing IM271, IM832, IM837 regulators



TRI273

(Ref# 35-8317-5)

Repair Circuit

12 Volt, A-Circuit,
C-FR-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1989-88) Honda
Unit Nos: Mitsubishi A1T02291, A1T02292, A1T04891, A1T04892
Lester Nos: 13266
Note: For repairing IM273 regulator.
 L- terminal is an output terminal.



TRI275

(Ref# 35-8321-5)

Repair Circuit

12 Volt, A-Circuit,
D-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1998-89) Chevrolet, Geo, Suzuki

Unit Nos: Mitsubishi A1T03191, A1T03195

Lester Nos: 13213, 13416

Note: For repairing IM275 regulator.



TRI276

(Ref# 35-8323-5)

Repair Circuit

12 Volt, A-Circuit,
S-L Terminals, 14. Vset

For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Infiniti, Subaru

Unit Nos: Mitsubishi A1T03391, A1T03791, A2T13894, A4T00790, A4T00796, A4T03591

Lester Nos: 13212, 13303, 13480, 13549

Note: For repairing IM272, IM276, IM291 regulators.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)



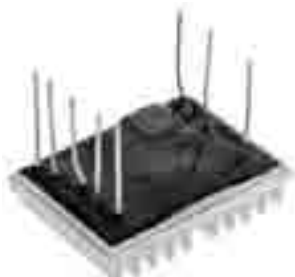
TRI278
 (Ref# 35-8326-5)
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1990-89) Nissan
Unit Nos: Mitsubishi A5T00192
Lester Nos: 13251
Note: For repairing IM278, IM831 regulators.



TRI285
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1995-91) Dodge, Mitsubishi
Unit Nos: Mitsubishi A4T01493, A4T01793, A4T01893, A4T02991, A4T03091, A4T03191, A4T30593
Lester Nos: 13351, 13435, 13449, 13703
Note: For repairing IM285 regulator.

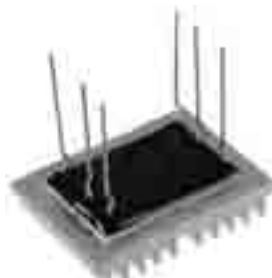


TRI341
Repair Circuit
12 Volt, A-Circuit,
G-S-L-F Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-97) Chrysler, Dodge, Mitsubishi
 (cont'd.)

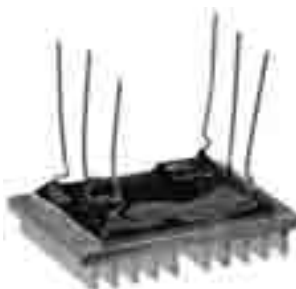
(cont'd.)

Unit Nos: Mitsubishi A2TA4991, A2TA5191, A2TA5391, A2TA5394, A3TB3491
Lester Nos: 13750, 13751, 13787, 13840, 13886
WAI Ref. Nos: 1-2118-01MI, 1-2118-02MI; 1-2204-01MI, -02MI; 1-2355-02MI
Note: For repairing IM341 regulator.



TRI345
Repair Circuit
12 Volt, A-Circuit,
P-D Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2005-97) Kia, Mazda
Unit Nos: Mazda GY01-18-300E, Z599-18-300A, C; Z5A1-18-300; Mitsubishi A2TB0091, A2TB2391; A3TB1081, A; A3TG0081
Lester Nos: 13718, 13883, 13996
Note: For repairing IM345, IM465 regulators.



TRI350
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2001-99) Mercury*, Nissan* (1998-97) Subaru
Unit Nos: Ford XF52-10300-AC*, XF5Z-10346-AA*; Mitsubishi A2TA7691, A3TA5691*; Nissan 23100-7B000*; Subaru 23700-AA290
Lester Nos: 13752, 13821*
Note: Repairs Mitsubishi regulators stamped: 350, 369.
 For repairing IM350 regulator.
 *Not for Transpo IM369 regulator.



TRI369
Repair Circuit
12 Volt, A-Circuit,
S-L Terminals, 14.3 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2002-99) Mercury*, Nissan*
Unit Nos: Ford XF52-10300-AC*, XF5Z-10346-AA*; Mitsubishi A3TA5691*; Nissan 23100-7B000*
Lester Nos: 13821*
Note: Use TRI369 for repairing Transpo IM369 regulator.
 Use TRI350 for repairing OE Mitsubishi regulators stamped: 350, 369.



TRI381
Repair Circuit
12 Volt, A-Circuit,
L-IG-D Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (2003-99) Chevrolet Tracker, Suzuki Vitara
Unit Nos: GM 30020754, 30021755, 30026055, 30026056, 30027273; Mitsubishi A5TA3891, A; A5TA4291; Suzuki 31400-65D00, -65D01, -66D00, -66D01, -67D01
Lester Nos: 13780, 13781
Note: For repairing IM381 regulator.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

MITSUBISHI (cont'd.)



TRI400R

(Ref# 35-8301-5)

Repair Circuit

12 Volt, A-Circuit,

R-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1989-84) Dodge, Ford, Hyundai, Mazda, Mitsubishi, Plymouth, Subaru

Unit Nos: Mando AB155001, AR160A; Mitsubishi A1T01991, A1T02592, A1T02595, A1T02952, A1T33474, A1T33872, A1T33874, A1T34472, A1T34572, A1T34672, A1T40391, A1T40491, A1T40671, A1T40791, A1T40891, A2T00991, A2T03072, A2T03591, A2T03691, A2T03792, A2T03892, A2T04191, A2T04474, A2T07577, A2T13571, A2T13571A, A2T17872, A2T41674, A2T41677, A2T41791, A2T41991, A2T42671, A2T42677, A2T42777, A2T42899, A2T43791, A2T43891, A2T43892, A2T44991, A2T45091, A2T47371, A2T47371A, A2T47474, A2T47974, A2T49891, A5T10377, A5T10477, A5T16471, A5T23171, A5T30574, A5T30599, A5T30871, A5T30977, A5T31177, A5T31277, A5T31971, A5T31971A, A5T32571, A5T40374, A5T40377, A5T41474, A5T41477, A7T20199, A7T30271, A7T30492, A7T30571, A7T30674, A7T30692

Lester Nos: 13182, 259, 292, 318; 14431, 434, 435, 445, 447, 693, 694, 697, 699, 700, 706, 708, 709, 876, 902, 903, 906, 908, 910, 916, 917, 943, 950, 967

Note: For repairing IM216-1, IM266, IM269, IM294 regulators.



TRI400S

(Ref# 35-8302-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.5 Vset

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1996-84) Dodge, Eagle, Hyundai, Mitsubishi, Nissan, Plymouth, Subaru

Unit Nos: Mando AB175002, AB175015, AB175019, AB175020, AB190012; Mitsubishi A2T02271, A2T02471, A2T02572, A2T02577, A2T02671, A2T02771, A2T02871, A2T02971, A2T02977, A2T03171, A2T03471, A2T03477, A2T03972, A2T04271, A2T04277, A2T04992, A2T06871, A2T07071, A2T07172, A2T09291, A2T09392, A2T09493, A2T09691, A2T09792, A2T14792, A2T17692, A2T22991, A2T28291, A2T40671; A2T42571, A; A2T42599, A; A2T45272, A, B; A2T45494; A2T48176, A, B; A2T48195, A, B; A2T48691, A2T48791, A2T49176B, A2T49972, A2T49977, A2T49992, A3T00692, A3T00792, A3T01691, A3T02192, A3T02193, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493, A3T03891, A3T04292, A3T04493, A3T06591, A3T06691, A3T08293, A3T41876, A3T41892, A3T45693, A3T45694, A5T40195, A5T40195B, A5T41094

Lester Nos: 12303; 13197, 238, 249, 257, 263, 271, 272, 289, 290, 332, 352, 701; 14427, 428, 429, 430, 432, 433, 436, 437, 438, 655, 656, 657, 725

Note: For repairing IM217-1, IM261 regulators.



TRI405

(Ref# 35-8320-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1988-86) Nissan
Unit Nos: Mitsubishi A5T41592, B

Lester Nos: 14718
Note: For repairing IM262, IM274 regulators.



TRI406

(Ref# 35-8310-5)

Repair Circuit

12 Volt, A-Circuit,

S-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators
Used On: (1989-86) Ford, Mazda, Mercury, Nissan

Unit Nos: Mitsubishi A2T02394, B; A2T05772, X; A2T05892, A2T05893; A2T46395, B; A2T47794, B; A2T48292, A2T48298, A2T48472, A5T22997B; A5T41592, B

Lester Nos: 13183, 13196, 14243, 14718, 14720, 14723, 14724, 14905, 14979

Note: For repairing IM263, IM265-1 regulators.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)



TRI830

Repair Circuit

12 Volt, A-Circuit, S-L Terminals, 14.5 Vset, wo/ LRC

For: Mando, Mitsubishi IR/IF Alternators

Used On: (2001-91) Ford, Mazda, Mercury, Subaru

Unit Nos: Mando AB160044; Mitsubishi A2T33191, A2T33891, A2T33892, A2T33991, A2T35177, A2T36578, A2T38977, A2T39091, A2T39291, A2T39391, A2T80391, A2T83491, A2TA3991, A2TA5891, A3T07592, A3T08491, A3T08591, A5T03391, A5T03677, A5T03777

Lester Nos: 13227, 13350, 13432, 13445, 13446, 13460, 13479, 13511, 13523, 13559, 13574, 13614, 13650, 13698

Note: For repairing IM830 regulator.



TRI836

(Ref# 35-8337-5)

Repair Circuit

12 Volt, A-Circuit,

I-D(S)-A Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-93) Ford, Lincoln

Unit Nos: Mitsubishi A6T41491, A6T41591

Lester Nos: 13447, 13448

Note: For repairing IM836 regulator.



TRI845

Repair Circuit

12 Volt, A-Circuit,

C(G)-S-L-FR Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1999-95) Eagle, Mitsubishi

Unit Nos: Mitsubishi A2T82791, A2T82792, A2TA0891, A2TA0892, A5TA0291

Lester Nos: 13585, 13586, 13587

Note: For repairing IM845 regulator



TRI835

Repair Circuit

12 Volt, A-Circuit,

C-FR-IG-L Terminals, 14.7 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-92) Honda

Unit Nos: Honda 31100-P08-004, 31100-P08-024; Mitsubishi A5T06391, A5T06491, A7T00891

Lester Nos: 13608, 13700

Note: For repairing IM835 regulator.



TRI839

Repair Circuit

12 Volt, A-Circuit, C-FR-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (1995-92) Honda

Unit Nos: Honda 31100-008-014, 31100-P08-014; Mitsubishi A5T04292

Lester Nos: 13608

Note: For repairing IM839 regulator.



TRI846

Repair Circuit

24 Volt, A-Circuit,

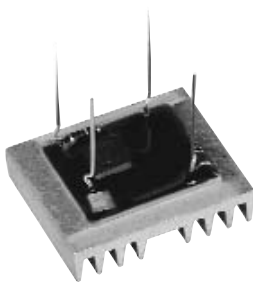
R-L Terminals, 28.0 Vset

For: Mitsubishi IR/IF Alternators

Used On: Mitsubishi Fuso Canter Truck

Unit Nos: Mitsubishi A3T75883, A3TN5188, A3TN5288, A3TN5883; Mitsubishi Heavy Ind. 32B68-00200, Mitsubishi Motors ME017615

Note: For repairing IM846 regulator



TRI843

Repair Circuit

24 Volt, A-Circuit,

S-L Terminals, 28.5 Vset

For: Mitsubishi IR/EF Alternators

Used On: Mitsubishi Fuso Truck

Unit Nos: Mitsubishi A4T40289, A4T40386, A4T40389, A4T70078, A4T70086, A4T70099, A4T70186, A4T70189, A4T95099, A4TU3085, A4TU3088, A4TU3186, A4TU3586, A9TU3099, A9TU3199

Note: For repairing IM843 regulator.



TRI848

Repair Circuit

12 Volt, A-Circuit,

D-S-L Terminals, 14.4 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2002-99) Subaru

Unit Nos: Mitsubishi A2TB2891, A2TB2991;

Subaru 23700-AA370, -AA390

Lester Nos: 13820, 13889

Note: For repairing IM848 regulator.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSP0)

MITSUBISHI (cont'd.)



TRI850

Repair Circuit

12 Volt, A-Circuit,

C-FR-IG-L Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2001-96) Acura, Honda

Unit Nos: Mitsubishi A5TA0991, A5TA3591

Lester Nos: 13649, 13762

WAI Ref. Nos: 1-2094-01MI,

1-2195-01MI

Note: For repairing IM850 regulator.



TRI851

Repair Circuit

12 Volt, A-Circuit,

IG-C-L-FR Terminals, 14.5 Vset

For: Mitsubishi IR/IF Alternators

Used On: (2005-01) Honda Civic

Unit Nos: Honda 31100-PLM-A01, 31100-PLM-A02;

Mitsubishi A5TA7091, A5TA7091ZC

Lester Nos: 13893

Note: For repairing IM851 regulator

NIPPONDENSO



TRI219

(Ref# 35-8210-5)

Repair Circuit

12 Volt, A-Circuit,

D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1986) Suzuki

Unit Nos: GM 96051973, 96054116;

Nippondenso 100211-141, -229, -302,

-338, -364, -528; Suzuki 31400-82611

Lester Nos: 14684, 14870

Note: For repairing IN219 regulator.

L-terminal is not an output terminal.



TRI220

(Ref# 35-8204-5)

Repair Circuit

12 Volt, A-Circuit,

S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1993-83) Daihatsu, Honda,

Isuzu, Lexus, Toyota; John Deere

Unit Nos: Nippondenso 100211-100,

-103, -104, -105, -106, -107, -108, -109,

-110, -111, -118, -120, -121, -122, -123,

-132, -134, -136, -200, -202, -203, -205,

-206, -207, -210, -215, -216, -217, -225,

-228, -237, -238, -240, -250, -273, -283,

-284, -303, -304, -306, -309, -311,

-3110, -312, -316, -317, -318, -322,

-326, -330, -332, -335, -343, -351, -353,

-354, -355, -363, -377, -382, -396, -700,

-706, -713, -726, -743, -745, -746, -757,

-780, -797, -803, -807, -830, -854, -971;

100213-045

Lester Nos: 13229, 240, 241, 277,

322, 323, 331, 383, 408; 14449, 454,

457, 458, 460, 472, 611, 643, 668, 671,

674, 678, 679, 682, 683, 756, 847, 855,

857, 935, 939, 974

Note: For repairing IN220, IN436, IN437

regulators. L-terminal is an output terminal.



TRI221

(Ref# 35-8205-5)

Repair Circuit

12 Volt, A-Circuit,

D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1995-84) Chevrolet, Geo, Honda, Isuzu

Unit Nos: Nippondenso 100211-127,

100211-133, 100211-138, 100211-143,

100211-222, 100211-223, 100211-795,

100211-973

Lester Nos: 13391, 13521, 14732,

14733, 14757

Note: For repairing IN221-1 regulator.

L-terminal is an output terminal.



TRI222

(Ref# 35-8209-5)

Repair Circuit

12 Volt, A-Circuit,

C-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1989-84) Honda, Isuzu

Unit Nos: Nippondenso 100211-126,

-221, -234, -358, -372, -701, -735

Lester Nos: 14739, 14755, 14852

Note: For repairing IN222 regulator.

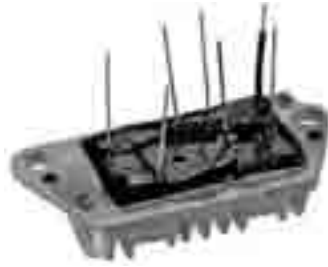
L-terminal is an output terminal.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)



TRI224
(Ref# 35-8214-5)
Repair Circuit
12 Volt, A-Circuit,
C-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1997-88) Acura, Honda
Unit Nos: Nippondenso 100211-359, 100211-366, 100211-369, 100211-389, 100211-815, 100211-819, 100211-855, 100211-871, 100211-875, 100211-877, 101211-549, 101211-550, 101211-584
Lester Nos: 13325, 13395, 13507, 13508, 13538, 13539, 14989
Note: For repairing IN224 regulator. L-terminal is an output terminal.



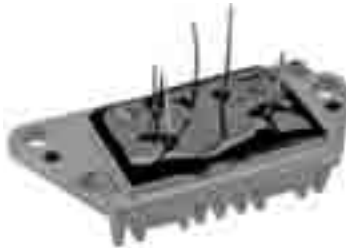
TRI226
(Ref# 35-8213-5)
Repair Circuit
12 Volt, A-Circuit,
S-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (2002-85) Acura, Honda, Sterling
Unit Nos: Nippondenso 100211-201, 100211-213, 100211-214, 100211-255, 100211-331, 100211-615, 100211-617, 100211-707, 101211-723, 101211-727, 100211-750, 100211-781
Lester Nos: 13294, 13386, 13387, 13675, 13738, 14591, 14680, 14931, 14941
Note: For repairing IN226, IN455 regulators. L-terminal is an output terminal.



TRI250
(Ref# 35-8217-5)
Repair Circuit
12 Volt, A-Circuit,
S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1992-87) Daihatsu, Toyota
Unit Nos: Daihatsu 27060-87706-000, 27060-87710-000; Nippondenso 100211-152, -156, -162, -416, -417, -432, -435, -441, -686, -687; Toyota 27060-10070, -10071, -11080, -72080, -72081, -72110, -72111, -72140, -87710
Lester Nos: 13239, 13390, 14843
Note: For repairing IN250 regulator. L-terminal is an output terminal.



TRI225
(Ref# 35-8212-5)
Repair Circuit
12 Volt, A-Circuit,
D-FR-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1991-85) Acura, Honda
Unit Nos: Nippondenso 100211-135, 100211-137, 100211-393, 100211-733
Lester Nos: 13326, 14759, 14853, 14854, 14930
Note: For repairing IN225 regulator. L-terminal is an output terminal.



TRI233
(Ref# 35-8224-5)
Repair Circuit
24 Volt, A-Circuit, 28.0 Vset

For: Nippondenso IR/EF Alternators
Used On: Caterpillar
Unit Nos: Nippondenso 100211-086, 100211-089
Lester Nos: 12059, 12060
Note: For repairing IN233 regulator. Terminal identification: B+, D, F, B-.



TRI251
(Ref# 35-8216-5)
Repair Circuit
12 Volt, A-Circuit,
D-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: (1995-85) Chevrolet, Geo, Isuzu, Suzuki
Unit Nos: Nippondenso 100211-413, 100211-426, 100211-660, 101211-202
Lester Nos: 13316, 13522, 14733, 14940
Note: For repairing IN251 regulator. L-terminal is an output terminal.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

NIPPONDENSO (cont'd.)



TRI252

(Ref# 35-8218-5)

Repair Circuit

12 Volt, A-Circuit,

C-IG-L Terminals, 14.5 Vset

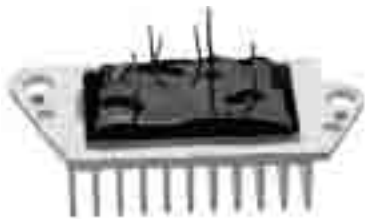
For: Nippondenso IR/IF Alternators

Used On: (1988-85) Chevrolet

Unit Nos: Nippondenso 100211-411, 100211-415

Lester Nos: 14937

Note: For repairing IN252 regulator.
L-terminal is an output terminal



TRI253

(Ref# 35-8215-5)

Repair Circuit

12 Volt, A-Circuit,

D-IG-L Terminals, 14.5 Vset

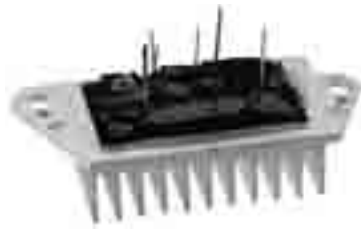
For: Nippondenso IR/IF Alternators

Used On: (1995-86) Daihatsu, Suzuki

Unit Nos: Nippondenso 100211-155, -157, -407, -414, -671, -672, -699, -919, -932, -934

Lester Nos: 13214, 13255, 13414, 14684, 14870

Note: For repairing IN253 regulator.
L-terminal is not an output terminal.



TRI254

(Ref# 35-8220-5)

Repair Circuit

12 Volt, A-Circuit,

IG-L Terminals, 14.5 Vset

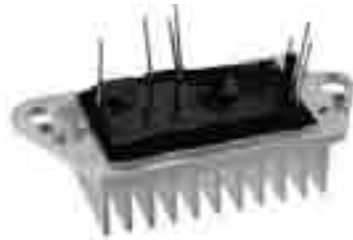
For: Nippondenso IR/IF Alternators

Used On: Gehl, Komatsu, Kubota, Toyota Forklift, Yale

Unit Nos: Nippondenso 100211-151, -154, -158, -159, -161, -163, -165, -166, -167, -168, -169, -400, -405, -406, -408, -409, -418, -420, -421, -422, -423, -424, -425, -436, -438, -439, -446, -448, -452, -455, -456, -464, -465, -622, -664, -676, -677, -678, -688, -689, -690, -692

Lester Nos: 12179, 12180, 12182, 12189, 12190, 12196, 12198, 12199, 12204, 12207

Note: For repairing IN254 regulator.
L-terminal is not an output terminal.



TRI255

(Ref# 35-8221-5)

Repair Circuit

12 Volt, A-Circuit,

IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: John Deere, Massey Ferguson

Unit Nos: Daihatsu 27060-87212-000, Iseki 6281-200-004-0B, Kubota 16541-64011; Nippondenso 100211-444, 100211-453, 100211-463; Thermo King 5D36221G01, Yanmar 119620-77202

Lester Nos: 12188, 12270

Note: For repairing IN255 regulator.
L-terminal is an output terminal



TRI257

(Ref# 35-8242-5)

Repair Circuit

12 Volt, A-Circuit,

S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators

Used On: (1998-93) Toyota

Unit Nos: Nippondenso 101211-213, Toyota 27060-11250

Lester Nos: 13485

Note: For repairing IN257 regulator.
L-terminal is an output terminal.



TRI300

(Ref# 35-8202-5)

Repair Circuit

12 Volt, A-Circuit,

S-IG-L Terminals, 14.0 Vset

For: Nippondenso IR/EF Alternators

Used On: (1984-81) Toyota

Unit Nos: Nippondenso 100211-040, 100211-043, 100211-050, 100211-053, 100211-054, 100211-055, 100211-056, 100211-059, 100211-060, 100211-061, 100211-063, 100211-064, 100211-065, 100211-066, 100211-067, 100211-070, 100211-071, 100211-072, 100211-075

Lester Nos: 14336, 14341, 14345, 14347, 14574, 14677

Note: For repairing IN229, IN230, IN235 regulators.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSP0)



TRI434

Repair Circuit

**12 Volt, A-Circuit, S-IG-L Terminals,
14.6 Vset, w/ LRC**

For: Nippondenso IR/IF Alternators

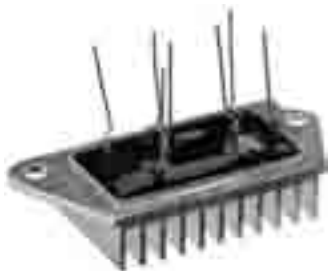
Used On: (1996-88) Dodge, Geo,

Lexus, Toyota

Unit Nos: Nippondenso 100211-340,
-606, -611, -635, -637, -704, -710, -718,
-778, -782, -796, -802, -805, -807, -811,
-823, -832, -838, -839, -845, -847, -848,
-850, -859, -884, -885, -984;
101211-521

Lester Nos: 13234, 252, 276, 278,
319, 321, 339, 384, 385, 393, 398, 455,
566; 14455, 849

Note: For repairing IN434 regulator.
L-terminal is not an output terminal.



TRI439

Repair Circuit

**12 Volt, A-Circuit,
S-IG-L Terminals, 14.6 Vset**

For: Nippondenso IR/IF Alternators

Used On: (2002-93) Chevrolet, Geo,

Lexus, Toyota

Unit Nos: Nippondenso 100211-502,
-511, -639, -644, -648, -899;
101211-005, -006, -007, -010, -012,
-014, -019, -021, -027, -038, -039, -042,
-051, -062, -500, -501, -502, -508, -509,
-511, -512, -513, -517, -523, -524, -537,
-538, -546, -554, -555, -561, -564, -566,
-572, -575, -576, -577, -590, -597, -639,
-706, -711, -716, -718, -751, -951, -996;
102211-124, -509

Lester Nos: 13457, 481, 482, 492,
495, 499, 500, 501, 502, 503, 537, 546,
551, 553, 556, 557, 668, 711, 754, 756

Note: For repairing IN439 regulator.
L-terminal is not an output terminal.

ALTERNATOR - REGULATOR REPAIR CIRCUITS (TRANSPO)

REGULATOR TO REPAIR CIRCUIT

IH237	TRI410	IM216-1	TRI400R	IM294	TRI400R	IN222	TRI222
IH238	TRI423*	IM217-1	TRI400S	IM341	TRI341	IN224	TRI224
IH239	TRI421	IM232	TRI232	IM345	TRI345	IN225	TRI225
IH240	TRI410	IM261	TRI400S	IM350	TRI350	IN226	TRI226
IH241	TRI430	IM262	TRI405	IM369	TRI369*	IN229	TRI300
IH242	TRI422	IM263	TRI406	IM381	TRI381	IN230	TRI300
IH243	TRI420	IM265-1	TRI406	IM465	TRI345	IN233	TRI233
IH244	TRI430	IM266	TRI400R	IM829	TRI268	IN235	TRI300
IH245	TRI421	IM267	TRI267	IM830	TRI830	IN250	TRI250
IH246	TRI421	IM268-1	TRI268	IM831	TRI278	IN251	TRI251
IH247	TRI247	IM269	TRI400R	IM832	TRI271	IN252	TRI252
IH248	TRI248	IM270	TRI270	IM835	TRI835	IN253	TRI253
IH249	TRI421	IM271	TRI271	IM836	TRI836	IN254	TRI254
IH250	TRI420	IM272	TRI276	IM837	TRI271	IN255	TRI255
IH251	TRI431	IM273	TRI273	IM839	TRI839	IN257	TRI257
IH760	TRI760	IM274	TRI405	IM843	TRI843	IN434	TRI434
IH761	TRI761	IM275	TRI275	IM845	TRI845	IN436	TRI220
IH762	TRI767	IM276	TRI276	IM846	TRI846	IN437	TRI220
IH763	TRI761	IM277	TRI268	IM848	TRI848	IN439	TRI439
IH765	TRI761	IM278	TRI278	IM850	TRI850	IN455	TRI226
IH767	TRI767	IM279	TRI268	IM851	TRI851	IY058	TRI058
IH770	TRI770	IM280	TRI268	IN219	TRI219		
IH772	TRI772	IM285	TRI285	IN220	TRI220		
IM211	TRI211	IM291	TRI276	IN221-1	TRI221		

*Transpo regulator only

ALTERNATOR - REGULATORS

REPAIR CIRCUIT TO REGULATOR

TRI058	IY058	TRI268	IM268-1	TRI369*	IM369	TRI431	IH251
TRI211	IM211	TRI268	IM277	TRI381	IM381	TRI434	IN434
TRI219	IN219	TRI268	IM279	TRI400R	IM216-1	TRI439	IN439
TRI220	IN220	TRI268	IM280	TRI400R	IM266	TRI760	IH760
TRI220	IN436	TRI268	IM829	TRI400R	IM269	TRI761	IH761
TRI220	IN437	TRI270	IM270	TRI400R	IM294	TRI761	IH763
TRI221	IN221-1	TRI271	IM271	TRI400S	IM217-1	TRI761	IH765
TRI222	IN222	TRI271	IM832	TRI400S	IM261	TRI767	IH762
TRI224	IN224	TRI271	IM837	TRI405	IM262	TRI767	IH767
TRI225	IN225	TRI273	IM273	TRI405	IM274	TRI770	IH770
TRI226	IN226	TRI275	IM275	TRI406	IM263	TRI772	IH772
TRI226	IN455	TRI276	IM272	TRI406	IM265-1	TRI830	IM830
TRI232	IM232	TRI276	IM276	TRI410	IH237	TRI835	IM835
TRI233	IN233	TRI276	IM291	TRI410	IH240	TRI836	IM836
TRI247	IH247	TRI278	IM278	TRI420	IH243	TRI839	IM839
TRI248	IH248	TRI278	IM831	TRI420	IH250	TRI843	IM843
TRI250	IN250	TRI285	IM285	TRI421	IH239	TRI845	IM845
TRI251	IN251	TRI300	IN229	TRI421	IH245	TRI846	IM846
TRI252	IN252	TRI300	IN230	TRI421	IH246	TRI848	IM848
TRI253	IN253	TRI300	IN235	TRI421	IH249	TRI850	IM850
TRI254	IN254	TRI341	IM341	TRI422	IH242	TRI851	IM851
TRI255	IN255	TRI345	IM345	TRI423*	IH238		
TRI257	IN257	TRI345	IM465	TRI430	IH241		
TRI267	IM267	TRI350	IM350	TRI430	IH244		

*Transpo regulator only

ALTERNATOR - ROTORS (28-)

DELCO	15SI, 17S Series	20SI Series
10SI, 12SI Series		
 <p>28-100 Rotor 63 Amp/12 Volt</p> <p>For: Delco 10SI Series 37-63A IR/EF Alternators Replaces: Delco 1876163, 1986817, 10475415, D3154, D3195; Ref# 7040-1546 Features:</p> <ul style="list-style-type: none"> • 100% New 	 <p>28-104 Rotor 108 Amp/12 Volt</p> <p>For: Delco 15SI Series 70-105A; 17SI Series 97-108A IR/EF Alternators Replaces: Delco 1975333, 1985646, D3156, D3159; Ref# 7040-1665 Components: 8-121 Bearing Race 28-1852-1 Slip Ring Features:</p> <ul style="list-style-type: none"> • 100% New 	 <p>28-106 Rotor</p> <p>For: Delco 20SI Series IR/EF Alternators Replaces: Delco 1894446; Ref# 7040-1550 Note: Used w/ 28-107, 28-108 stationary coils Components: 84-8909 Retaining Ring Features:</p> <ul style="list-style-type: none"> • 100% New
 <p>28-102 Rotor 94 Amp/12 Volt</p> <p>For: Delco 12SI Series 56-94A IR/EF Alternators Replaces: Delco 1984466, 1985476, 10475405, D3157, D3158; Ref# 7040-1661, -1662 Lester Nos: 7272, 73, 78, 92, 94; 7830 Features:</p> <ul style="list-style-type: none"> • 100% New 	 <p>28-105 Rotor 120 Amp/12 Volt</p> <p>For: Delco 17SI Series 120A IR/EF Alternators Replaces: Delco 1988967, D3167; Ref# 7040-1381 Components: 8-121 Bearing Race 28-1852-1 Slip Ring Features:</p> <ul style="list-style-type: none"> • 100% New 	 <p>28-107 Stationary Coil 12 Volt</p> <p>For: Delco 20SI Series 12V IR/EF Alternators Replaces: Delco 1894492</p>
		 <p>28-108 Stationary Coil 24 Volt</p> <p>For: Delco 20SI Series 24V IR/EF Alternators Replaces: Delco 1894474</p>

ALTERNATOR - ROTORS (28-)

DELCO

21SI Series



**28-129
Rotor**

115 Amp/12 Volt

For: Delco 21SI Series 90-115A IR/EF Alternators

Replaces: Delco 10467263, D3186; Ref# 7040-2987

Dim: 19mm from slip ring to end of shaft
Note: Used w/ short 8-119 needle bearing.

Similar to 28-137 except 28-137 used w/ long 8-109 needle bearing and is 28mm from slip ring to end of shaft.

Components:

28-1711 Shaft
28-1852-1 Slip Ring



**28-135
Rotor**

70 Amp/24 Volt

For: Delco 21SI Series 50-70A/24V IR/EF Alternators

Replaces: Delco 10470690; Ref# 7040-2989

Dim: 19mm from slip ring to end of shaft
Note: Used w/ short 8-119 needle bearing.

Similar to 28-141 except 28-141 used w/ long 8-109 needle bearing and is 28mm from slip ring to end of shaft.

Components:

28-1711 Shaft
28-1852-1 Slip Ring

Features:

- 100% New



**28-138
Rotor**

130-160 Amp/12 Volt

For: Delco 21SI Series 130-160A IR/EF Alternators

Replaces: Delco 10477018

Dim: 28mm from slip ring to end of shaft
Note: Used w/ long 8-109 needle bearing.

Similar to 28-131 except 28-131 used w/ short 8-119 needle bearing and is 19mm from slip ring to end of shaft.

Components:

28-1714 Shaft
28-1852-1 Slip Ring

Features:

- 100% New



**28-131
Rotor**

130-160 Amp/12 Volt

For: Delco 21SI Series 130-160A IR/EF Alternators

Replaces: Delco 10470606, D3183; Ref# 7040-2988

Dim: 19mm from slip ring to end of shaft
Note: Used w/ 8-119 short needle bearing.

Similar to 28-138 except 28-138 used w/ long 8-109 needle bearing and is 28mm from slip ring to end of shaft.

Components:

28-1711 Shaft
28-1852-1 Slip Ring

Features:

- 100% New



**28-137
Rotor**

115 Amp/12 Volt

For: Delco 21SI Series 90-115A IR/EF Alternators

Replaces: Delco 10477782

Dim: 28mm from slip ring to end of shaft
Note: Used w/ long 8-109 needle bearing.

Similar to 28-129 except 28-129 used w/ short 8-119 needle bearing and is 19mm from slip ring to end of shaft.

Components:

28-1714 Shaft
28-1852-1 Slip Ring

Features:

- 100% New



**28-141
Rotor**

70 Amp/24 Volt

For: Delco 21SI Series 50-70A/24V IR/EF Alternators

Replaces: Delco 10477863; Ref# 7040-2991

Unit Nos: Delco 19010108, 19010111, 19010182, 19010185, 19010193, 19010200

Dim: 28mm from slip ring to end of shaft
Note: Used w/ long 8-109 needle bearing.

Similar to 28-135 except 28-135 used w/ short 8-119 needle bearing and is 19mm from slip ring to end of shaft.

Components:

28-1714 Shaft
28-1852-1 Slip Ring

Features:

- 100% New

ALTERNATOR - ROTORS (28-)

22SI Series



28-139

Rotor

100 Amp/12 Volt

For: Delco 22SI Series 100A/12V IR/EF Alternators

Replaces: Delco 10492756;
Ref# 7040-2997

Components:
28-1714 Shaft
28-1858 Slip Ring

Features:
• 100% New



28-140

Rotor

145 Amp/12 Volt

For: Delco 22SI Series 130-145A/12V IR/IF Alternators

Replaces: Delco 10493722;
Ref# 7040-2998

Components:
28-1714 Shaft
28-1858 Slip Ring

Features:
• 100% New

25SI, 26SI, 30SI, 33SI, 34SI Series



28-109

Rotor

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1968904;
Ref# 7040-1532

Note: Used w/ 28-110, 28-111, 28-119, 28-120, 28-143 stationary coils

Components:
28-1700 Shaft
84-8909 Retaining Ring

Features:
• 100% New



28-110

**Stationary Coil
12 Volt**

For: Delco 25SI, 26SI Series 12V IR/EF Alternators

Replaces: Delco 1968916

Components:
41-1306 Grommet



28-111

**Stationary Coil
24 Volt**

For: Delco 25SI, 26SI Series 24V IR/EF Alternators

Replaces: Delco 1969133

Components:
41-1306 Grommet



28-119

**Stationary Coil
12 Volt**

For: Delco 29SI, 30SI Series 12V IR/EF Alternators

Replaces: Delco 1876790, 1974630

Note: 4-amp draw. Similar to 28-143 except 28-143 has 6.5-amp draw



28-120

**Stationary Coil
24-32 Volt**

For: Delco 29SI, 30SI Series 24-32V IR/EF Alternators

Replaces: Delco 1876768, 1876837, 1988086

ALTERNATOR - ROTORS (28-)

DELCO

25SI, 26SI, 30SI,
33SI, 34SI Series (cont'd)



28-143
Stationary Coil
135 Amp/12 Volt

For: Delco 33SI, 34SI Series 110-135A IR/EF Alternators

Replaces: Delco 10491238

Unit Nos: Delco 19011150, 151, 152, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 167, 169, 170, 171, 172, 173, 174, 176, 177, 178, 179, 182, 183, 186, 187, 200, 202

Lester Nos: 8080, 81, 82, 83, 84, 90, 91, 92, 93, 95, 96, 97

Note: 9-amp draw. Similar to 28-119 except 28-119 has 6-amp draw

Features:

- 100% New



28-116
Rotor
65 Amp/24 Volt

For: Delco 27SI/Type 200 Series 65A/24V IR/EF Alternators

Replaces: Delco 1978873; Ref# 7040-1520

Components:
28-1852-1 Slip Ring
46-1561 Seal

AD237 Series



28-152
Rotor
125 Amp/12 Volt

For: Delco AD237 Series IR/IF Alternators

Unit Nos: Delco, 10480244, 10480303, 10480327, 10480341, 10480357, 10480368, 10480414, 10480428

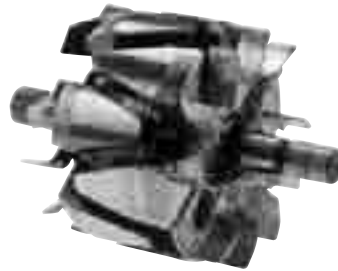
Lester Nos: 8235, 8241, 8244, 8277, 8278, 8286

Components:
28-1860 Slip Ring

Features:

- 100% New

AD230, CS130D Series



28-154
Rotor
110 Amp/12 Volt

For: Delco AD230, CS130D Series 100-110A IR/IF Alternators

Replaces: Delco 10451617, 10475748, 10489033, 10490878, 10494728; Ref# 7040-344

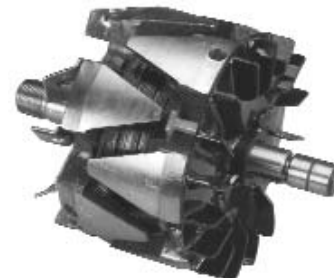
Lester Nos: 8155, 8156, 8158, 8160, 8190, 8199, 8200, 8206, 8208, 8216, 8220, 8222, 8223, 8224, 8227, 8228, 8229, 8230, 8231, 8233, 8234, 8238, 8242, 8243, 8245, 8247, 8249, 8270, 8271, 8272, 8273, 8276, 8285, 8287

Components:
28-1427 Fan
28-1860 Slip Ring

Features:

- 100% New

AD244 Series



28-158
Rotor
130-150 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators

Replaces: Ref# 7040-346

Unit Nos: Delco 10480234, 10480270, 10480383, 10480390, 15062413, 15750871, 15768830, 15769253, 15769254

Lester Nos: 8237, 8290

Components:
28-1860 Slip Ring

Features:

- 100% New

27SI Series



28-113
Rotor
100 Amp/12 Volt

For: Delco 27SI/Type 200 Series 65-100A IR/EF Alternators

Replaces: Delco 1852040, 1972914, 1978872; Leece-Neville 98040; Ref# 7040-1548

Components:
28-1852-1 Slip Ring
46-1561 Seal

Features:

- 100% New

ALTERNATOR - ROTORS (28-)

CS121D Series



28-151
Rotor
90 Amp/12 Volt

For: Delco CS121D Series IR/IF Alternators
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Components:
 28-1431 Fan
Features:
 • 100% New

CS144 Series



28-133
Rotor
145 Amp/12 Volt

For: Delco CS144 Series 124-145A IR/EF Alternators
Replaces: Delco 10471616, 10472724, 10494277, D3182, D3185; Ref# 7040-1692
Note: Used w/ 6-303-4 D.E. ball bearing and 8-122 S.R.E. needle bearing
Components:
 8-121 Bearing Race
 28-1855 Slip Ring
Features:
 • 100% New

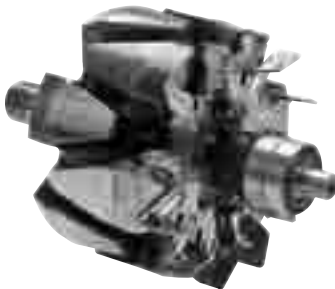
2G Series



28-206
Rotor
75 Amp/12 Volt

For: Ford 2G Series 75A IR/EF Alternators
Replaces: Ford E43Z-10335-A, E43Z-10335-B, E43Z-10335-C, E6DZ-10335-A, E7SZ-10335-A, E7TZ-10335-A, E9SZ-10335-A, GM-469, GM-470, GM-471, GM-472, GM-472-A, GM-476, GM-485, GM-488; Ref# 7050-1680
Dim: 90.5mm OD
Components:
 28-2400 Stop Ring
 28-2853-1 Slip Ring
Features:
 • 100% New

CS130 Series



28-124-2
Rotor
105 Amp/12 Volt

For: Delco CS130 Series 85-105A IR/EF Alternators
Replaces: Delco 1989632, 10470297, 10471478, 10471658, 10471947, 10472287, 10474093, 10495681, 10499985, D3172, D3173, D3174, D3177, D3181, D3187; Ref# 7040-1106
Components:
 28-1413 Fan
 28-1414 Insulator
 28-1854 Slip Ring
 GS-2952 Shaft
Features:
 • 100% New

FORD

1G Series, Blue Back Truck



28-205
Rotor
90 Amp/12 Volt

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford E2HZ-10335-A, E2HZ-10335-B, GM-467, GM-468; Ref# 7050-1682
Note: .880" Dia. Shaft
Components:
 28-2851-1 Slip Ring
Features:
 • 100% New



28-207
Rotor
80 Amp/12 Volt

For: Ford 2G Series 80A IR/EF Alternators
Replaces: Ford E9FZ-10335-A, GM-487-A; Ref# 7050-2801
Lester Nos: 7744, 7745, 7746
Dim: 101mm OD
Features:
 • 100% New

ALTERNATOR - ROTORS (28-)

FORD

3G Series



28-208
Rotor
95 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators

Replaces: Ref# 7050-2930

Dim: M16 x 1.50 Shaft Threads

Components:

28-2206 Rotor Coil

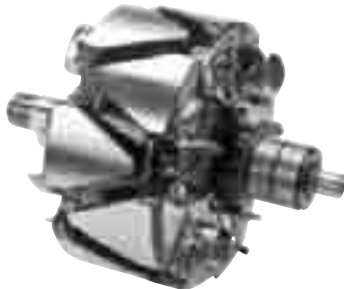
28-2400 Stop Ring

28-2704 Shaft

28-2855-1 Slip Ring

Features:

- 100% New



28-209
Rotor
130 Amp/12 Volt

For: Ford 3G Series 130A IR/IF Alternators

Dim: M16 x 1.50 Shaft Threads

Components:

28-2207 Rotor Coil

28-2400 Stop Ring

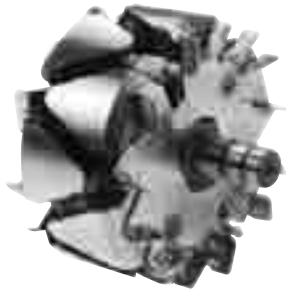
28-2704 Shaft

28-2855-1 Slip Ring

Features:

- 100% New

4G Series



28-210
Rotor
130 Amp/12 Volt

For: Ford 4G Series IR/IF Alternators

Replaces: Ref# 7050-2934

Components:

28-2306 Bobbin

28-2411 Fan (S.R.E.)

28-2412 Fan (D.E.)

28-2858 Repair Slip Ring

28-2857 Slip Ring

Features:

- 100% New

28-210-2
Rotor

130 Amp/12 Volt

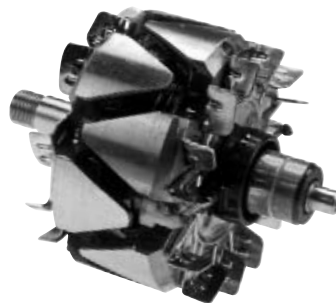
Same as 28-210 except...

Features:

- 100% New

- Best Value

6G Series



28-211
Rotor
135 Amp/12 Volt

For: Ford 6G Series 130-135A IR/IF Alternators

Replaces: Ref# 7050-2936

Lester Nos: 7795, 8253

Dim: 111mm OD

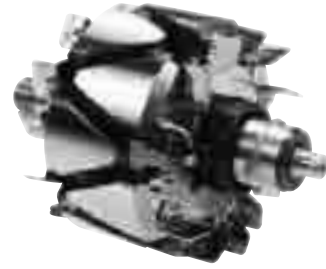
Components:

28-2308 Bobbin

28-2859 Slip Ring

Features:

- 100% New



28-212
Rotor
110 Amp/12 Volt

For: Ford 6G Series 95-110A IR/IF Alternators

Replaces: Ref# 7050-2935

Lester Nos: 8250, 8252, 8254, 8255, 8256, 8259, 8260, 8261, 8262, 8263

Dim: 99mm OD

Components:

28-2307 Bobbin

28-2859 Slip Ring

Features:

- 100% New

HITACHI



28-8101
Rotor
70 Amp/12 Volt

For: Hitachi 70A IR/EF Alternators

Used On: Hino, Isuzu Truck

Unit Nos: Hitachi LR170-418B, LR170-418C

WAI Ref. Nos: 1-2271-01HI

Dim: 17mm Shaft, 103mm OD, 215mm OAL

Note: 8-spline pump shaft

Features:

- 100% New

- Made in Japan to OE Specifications



28-8102
Rotor
70 Amp/12 Volt

For: Hitachi 70A IR/EF Alternators
Used On: Isuzu Truck
Unit Nos: Hitachi LR170-401, LR170-410
Lester Nos: 14735
WAI Ref. Nos: 1-1940-01HI, 1-1940-02HI
Dim: 17mm Shaft, 103mm OD, 191mm OAL
Note: 16-spline pump shaft
Features:

- 100% New
- Made in Japan to OE Specifications



28-502
Rotor
165 Amp/12 Volt

For: Leece-Neville 7700JA Series 165A/12V IR/EF Alternators
Replaces: Leece-Neville 95022
Unit Nos: Leece-Neville 5522AA, 7706A, 7706AA, 7706JA, 7710JA, 7711JA
Components:
 28-5852 Slip Ring
Features:

- 100% New

(cont'd)

Lester Nos: 12192; 13184, 185, 234, 245, 252, 256, 276, 278, 305, 306, 307, 312, 319, 321, 323, 331, 341, 353, 354, 393, 394, 396, 407, 413, 419, 424, 440, 442, 443, 444, 454, 457, 481, 487, 495, 497, 498, 501, 519, 537, 545, 546, 548, 551, 552, 556, 557, 558, 578, 593, 669, 705, 732, 747, 754, 755, 756, 794, 834, 869, 885

WAI Ref. Nos: 1-1029-01ND, 1-1039-02ND, 1-1041-01ND, 1-1043-01ND, 1-1063-01ND, 1-1419-01ND, 1-1421-01ND, 1-1447-01ND, 1-1490-03ND, 1-1490-02ND, 1-1490-01ND, 1-1503-06ND, 1-1503-05ND, 1-1503-04ND, 1-1503-03ND, 1-1503-02ND, 1-1503-01ND, 1-1510-01ND, 1-1511-01ND, 1-1527-03ND, 1-1527-02ND, 1-1527-01ND, 1-1531-01ND, 1-1588-01ND, 1-1592-01ND, 1-1764-01ND, 1-1836-01ND, 1-1837-01ND, 1-1843-01ND, 1-1856-01ND, 1-1857-01ND, 1-1858-01ND, 1-1859-01ND, 1-1860-01ND, 1-1861-01ND, 1-1862-01ND, 1-1864-01ND, 1-1865-01ND, 1-1882-01ND, 1-1893-01ND, 1-1931-01ND, 1-1936-01ND, 1-1965-01ND, 1-1971-01ND, 1-1972-01ND, 1-1975-01ND, 1-1976-01ND, 1-1978-01ND, 1-1980-01ND, 1-1982-01ND, 1-1983-01ND, 1-1984-01ND, 1-2006-01ND, 1-2008-01ND, 1-2009-01ND, 1-2050-01ND, 1-2073-01ND, 1-2080-01ND, 1-2086-01ND, 1-2133-01ND, 1-2138-01ND, 1-2146-01ND, 1-2149-01ND, 1-2167-01ND, 1-2238-01ND, 1-2285-01ND, 1-2366-01ND, 1-2380-01ND

Dim: 91mm OD

Features:

- 100% New

LEECE-NEVILLE



28-501
Rotor
160 Amp/12 Volt

For: Leece-Neville 2700JB, 2800JB Series 130-160A/12V IR/EF Alternators
Replaces: Leece-Neville 79192; Ref# 7070-395
Note: Copper slip ring (same as late OE design)
Components:
 28-5700 Shaft
 28-5851-2 Slip Ring
Features:

- 100% New

NIPPONDENSO



28-8202
Rotor
70-100 Amp/12 Volt

For: Nippondenso 70-100A ER/IF, IR/IF Alternators
Used On: (2002-85) Chevrolet, Chrysler, Dodge, Eagle, Geo, Isuzu, Jeep, Lexus, Plymouth, Toyota, Volvo; Caterpillar
Unit Nos: Nippondenso 100211-802, -803, -805, -806, -807, -811, -813, -823, -830, -832, -835, -837, -838, -839, -848, -853, -854, -856, -857, -859, -862, -863, -866, -881, -882, -883, -884, -885, -886, -887, -889, -898, -899; 101211-501, -502, -508, -509, -511, -514, -515, -522, -523, -524, -527, -528, -536, -545, -546, -554, -555, -556, -561, -562, -571, -572, -597, -901, -906, -910, -915, -935, -951, -959, -960, -963, -978, -996; 102211-124; 121000-300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -344, -345, -346, -347, -348, -349, -351, -352, -353, -357, -358, -361, -373
 (cont'd)

ALTERNATOR - ROTORS (28-)

NIPPONDENSO (cont'd)



28-8204

Rotor

100-125 Amp/12 Volt

For: Nippondenso 100-125A ER/IF, IR/IF Alternators

Used On: (2005-88) Acura, Chrysler, Dodge, Jaguar, Jeep, Lexus, Plymouth, Toyota

Replaces: Nippondenso 021200-4330, 021200-5940, 021200-7430; Toyota 27330-20070, 27330-64520

Unit Nos: Nippondenso 100211-642, 100211-645, 101211-752, 101211-757, 101211-775, 101211-784, 102211-059, 102211-065, 121000-400, 121000-401, 121000-403, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409, 121000-410, 121000-412, 121000-413, 121000-415, 121000-416, 121000-421, 121000-423, 121000-426

Lester Nos: 12195, 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313, 13453, 13592, 13594, 13690, 13706, 13714, 13741, 13746, 13763, 13806, 13844

WAI Ref. Nos: 1-1491-01ND, -02ND, -03ND, -04ND; 1-1504-01ND, -02ND, -03ND, -04ND, -05ND, -06ND; 1-2007-01ND, 1-2056-01ND, 1-2074-01ND, 1-2075-01ND; 1-2181-01ND, -02ND; 1-2188-01ND, 1-2190-01ND, 1-2259-01ND; 1-2277-01ND, -02ND

Dim: 101mm OD

Features:

- 100% New



28-8207

Rotor

130-140 Amp/12 Volt

For: Nippondenso 130-140A ER/IF, IR/IF Alternators

Used On: (2005-97) Chrysler, Dodge, Honda, Jeep, Plymouth

Unit Nos: Nippondenso 101211-785, 121000-417, 121000-425, 121000-427, 121000-428, 121000-429, 121000-433, 121000-435, 121000-437, 121000-4482, 121000-453, 121000-454, 121000-458

Lester Nos: 11116, 13742, 13765, 13766, 13769, 13790, 13824, 13842, 13873, 13874, 13964

WAI Ref. Nos: 1-2087-01ND, 1-2226-01ND; 1-2227-01ND, -02ND; 1-2228-01ND, 1-2239-01ND, 1-2286-01ND, 1-2289-01ND, 1-2389-01ND, 1-2497-01ND, 1-2537-01ND

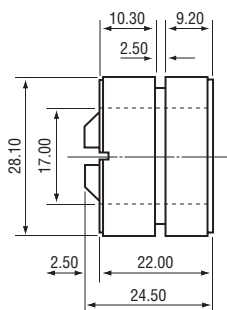
Dim: 101mm OD

Features:

- 100% New

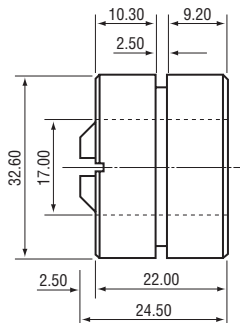
ALTERNATOR - ROTOR PARTS (28-)

BOSCH



28-91850-1 Slip Ring

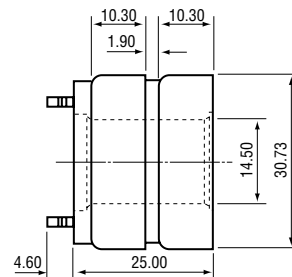
For: Bosch ER/EF, IR/EF Alternators
Replaces: Bosch 1-124-303-005, 1-124-303-015
Dim: 17mm ID x 28.1mm OD



28-91851-1 Slip Ring

Same as 28-91851 except...
Dim: 17mm ID x 32.6mm OD

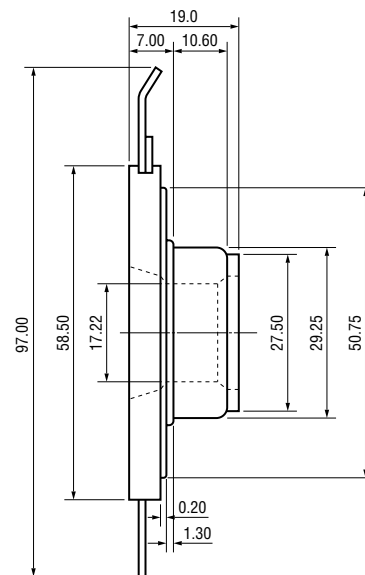
CAV



28-99851 Slip Ring

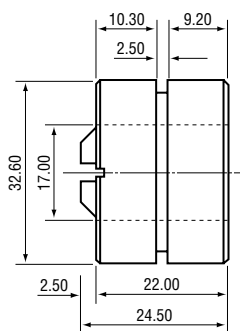
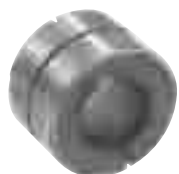
For: CAV Alternators
Dim: 14.5mm ID x 30.7mm OD

CHRYSLER



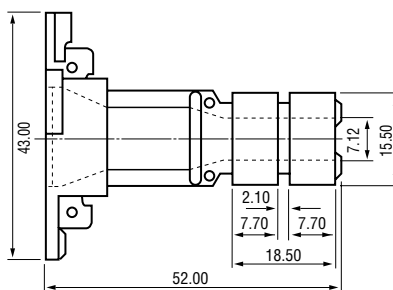
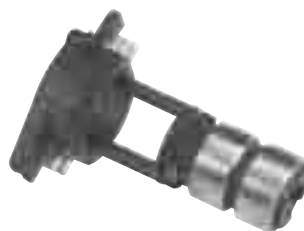
28-3851 Slip Ring

For: Chrysler Round Back, Square Back ER/IF Alternators
Replaces: Chrysler 3755187
Dim: 17.2mm ID x 29.3mm OD



28-91851 Slip Ring

For: Bosch ER/EF, IR/EF Alternators
Replaces: Bosch 1-124-304-007
Lester Nos: 13009, 011, 015, 025, 030, 033, 034, 036, 038, 039, 040, 050, 054, 055, 056, 071, 073, 079, 093, 094, 101, 102, 107, 108, 109, 112, 113, 115, 116, 129, 138, 147, 150, 151, 152, 153, 154, 162, 172, 187, 236; 14046, 048, 049, 057, 070, 395, 538, 539, 605, 769, 779, 781
Dim: 17mm ID x 32.6mm OD
Note: 1.6mm thick copper

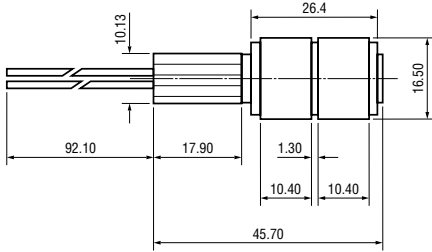


28-91852 Slip Ring

For: Bosch IR/IF Alternators
Lester Nos: 13357, 13380, 13381, 13382, 13417, 13422, 13441, 13520, 13541, 13605, 13606, 13617, 13771
Dim: 7mm ID x 16.2mm OD
Note: Can replace large-base designed slip rings
Features:
 • Universal design

ALTERNATOR - ROTOR PARTS (28-)

CHRYSLER (cont'd)



28-3852-4
Slip Ring

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 4433050, 5226003
Dim: 10.1mm Knurl OD x 16.6mm OD



28-1400-1
Fan - Rotor

For: Delco CS121 Series IR/EF Alternators
Note: Metal fan, used w/ 28-1414 insulator.
Can be installed w/ 84-1102 mounting screws.



28-1413
Fan - Rotor
Metal

For: Delco CS130 Series IR/EF; CS130D IR/IF Alternators
Note: For fan w/ curved blades, use 28-1413-1 Used w/ 28-1414 insulator on CS130 rotors.
Used w/ 28-1432 insulator on CS130D rotors. Can be installed w/ 84-1102 mounting screws.



28-1401
Fan - Rotor
Plastic

For: Delco CS130 Series IR/EF Alternators
Note: Aftermarket repair fan, used w/ 84-1234 mounting screw



28-1413-1
Fan - Rotor
Metal

Same as 28-1413 except...
Note: Similar to 28-1413 except 28-1413-1 has later design curved fan blades. Used w/ 28-1414 insulator on CS130 rotors. Used w/ 28-1432 insulator on CS130D rotors. Can be installed w/ 84-1102 mounting screws.



28-1406
Terminal - Rotor

For: Delco 12SI, 15SI, 17SI, 21SI, 27SI, CS144 Series IR/EF Alternators
Note: For attaching coil wires to slip ring.



28-1414
Insulator - Rotor

For: Delco CS121, CS130 Series IR/EF Alternators
Note: Used w/ 28-1413 metal fan

DELCO



28-1303
Bobbin - Rotor

For: Delco 10DN Series ER/EF; 10SI Series IR/EF Alternators
Replaces: Delco 1984469, Ref# S-1356
Dim: 49.6mm ID x 51.8mm OD x 28.2mm W



28-1307
Bobbin - Rotor

For: Delco 12SI Series IR/EF Alternators
Replaces: Ref# S-2252
Dim: 49.6mm ID x 51.3mm OD x 25.4mm W

ALTERNATOR - ROTOR PARTS (28-)



28-1429

Insulator - Rotor

For: Delco CS144 Series IR/EF Alternators

Dim: 14.7mm L x 10.7mm W



28-1431

Fan - Rotor

For: Delco CS121D Series IR/IF Alternators

Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232



28-1432

Insulator - Rotor

For: Delco CS130D Series IR/IF Alternators

Note: Used w/ 28-1413 or 28-1413-1 rotor fans

Features:

- OE design



28-1432-1

Insulator - Rotor

Same as 28-1432 except...

Features:

- Aftermarket design



28-1705

Shaft - Rotor

For: Delco CS130 Series IR/EF Alternators

Replaces: Ref# GS-2952

Note: Used in 28-124 rotor



28-1711

Shaft - Rotor

For: Delco 21SI Series IR/EF Alternators

Replaces: Delco 10467266, Ref# GS-2957

Note: Used in 28-129, 28-131, 28-135 Rotors. Used w/ short 8-119 Needle Bearing.



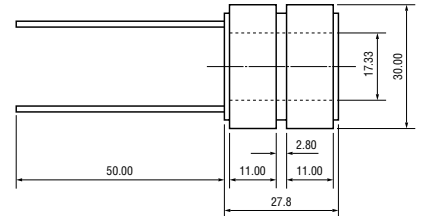
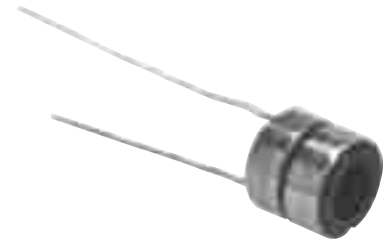
28-1714

Shaft - Rotor

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10477840, 10492793; Ref# GS-2967

Note: Used in 28-137, 28-138, 28-139, 28-140, 28-141, 28-142 Rotors. Used w/ long 8-109 Needle Bearing.



28-1852-1

Slip Ring

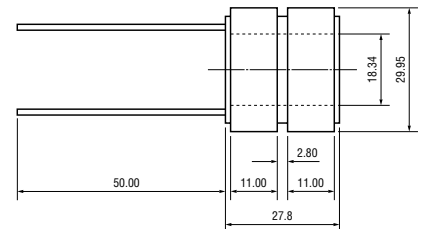
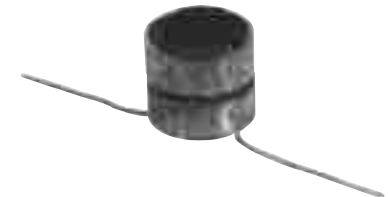
For: Delco 10SI*, 12SI, 15SI, 17SI, 21SI, 27SI*, CS144 Series IR/EF Alternators

Dim: 17.3mm ID x 30.0mm OD

Note: *Used in late style rotors w/ 17.3mm slip ring knurl

Features:

- Mfd. by aftermarket supplier



28-1853

Slip Ring

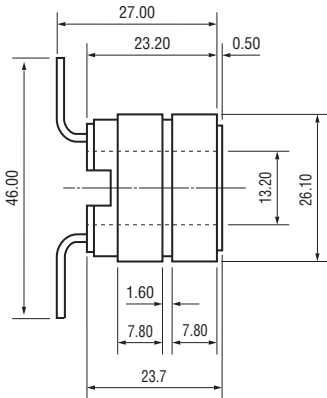
For: Delco 10DN, 10SI, 27SI Series IR/EF Alternators

Dim: 18.3mm ID x 30mm OD

Note: Used in early style rotors w/ 18.3mm slip ring knurl

ALTERNATOR - ROTOR PARTS (28-)

DELCO (cont'd)



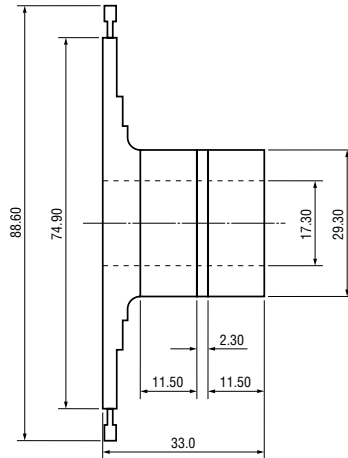
**28-1854
Slip Ring**

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 1989640

Dim: 13.2mm ID x 26.1mm OD

Note: Used in 28-124 rotor



**28-1855
Slip Ring**

For: Delco 15SI, 17SI; CS144 Series 124-145A IR/EF Alternators

Dim: 17.3mm ID x 29.3mm OD

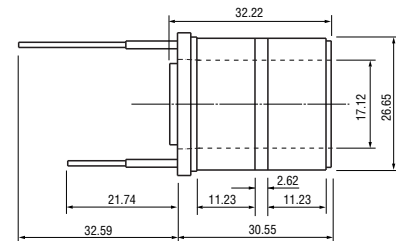
Note: Used in 28-133 rotor



**28-1856-2
Slip Ring**

Same as 28-1856 except...

Note: 28-1856-2 has the lead insulation pre-stripped for installation.



**28-1858
Slip Ring**

For: Delco 22SI Series IR/EF Alternators

Replaces: Delco 10492757

Dim: 26mm OD x 32.8mm L

Note: Used in 28-139, 28-140 rotors

ALTERNATOR - ROTORS



**28-1854-1
Slip Ring**

Same as 28-1854 except...

Features:

- Slotted leads

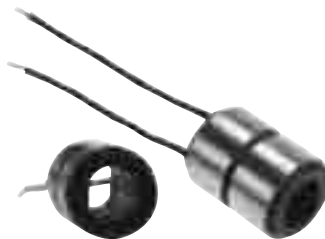


**28-1854-2
Slip Ring**

Same as 28-1854 except...

Features:

- Channeled leads for welding



**28-1856
Slip Ring**

For: Delco CS130D Series IR/IF Alternators

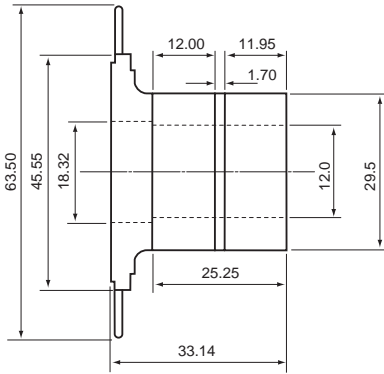
Replaces: Delco 10475750

Dim: 7.1mm ID x 14.3mm OD

Note: 28-1856 is used on most CS130D rotors w/ 11-blade or 16-blade black-color plastic fan.

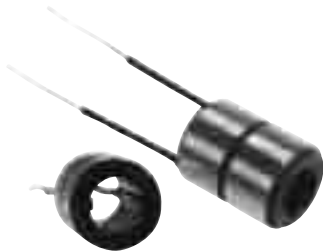
For late style CS130D rotors with 16-blade tan-color plastic fan use 28-1860 slip ring.

ALTERNATOR - ROTOR PARTS (28-)



28-1859
Slip Ring

For: Delco CS144 Series IR/EF Alternators
Note: Used on later style CS144 rotor. Similar to 28-1855 except lead size. 28-1855 is used on earlier style rotors.



28-1860
Slip Ring - Rotor

For: Delco AD230, AD237, AD244, CS130D* Series IR/IF Alternators
Dim: 7.1mm ID x 14.2mm OD
Note: *28-1860 is used on late style CS130D rotors w/ 16-blade tan-color plastic fan. For early style CS130D rotors with 11-blade or 16-blade black-color plastic fans use 28-1856 slip ring.



GS-2942
Shaft - Rotor

For: Delco 25SI, 26SI, 30SI, 33SI, 34S IR/EF Alternators
Note: Used in 28-109 rotor

FORD



28-2206
Rotor Coil
95 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators
Note: Used in 28-208 rotor
Components:
28-2303 Bobbin



28-2207
Rotor Coil
130 Amp/12 Volt

For: Ford 3G Series 130A IR/IF Alternators
Note: Used in 28-209 rotor
Components:
28-2304 Bobbin



28-2301
Bobbin - Rotor

For: Ford 1G Series ER/EF Alternators



28-2303
Bobbin - Rotor

For: Ford 3G Series 75-95A IR/IF Alternators
Note: Used in 28-2206 rotor coil



28-2304
Bobbin - Rotor

For: Ford 3G Series 130A IR/IF Alternators
Note: Used in 28-2207 rotor coil



28-2305
Bobbin - Rotor

For: Ford 2G Series 80A IR/EF Alternators
Note: Used in 28-207-9 rotor

ALTERNATOR - ROTOR PARTS (28-)

FORD (cont'd)



28-2306

Bobbin - Rotor

For: Ford 4G Series IR/IF Alternators
Note: Used in 28-210 Rotor



28-2307

Bobbin - Rotor

For: Ford 6G Series 95-110A IR/IF Alternators
Note: Used in 28-212 rotor



28-2308

Bobbin - Rotor

For: Ford 6G Series 130-135A IR/IF Alternators
Note: Used in 28-211 rotor



28-2400

Retaining Ring - Rotor

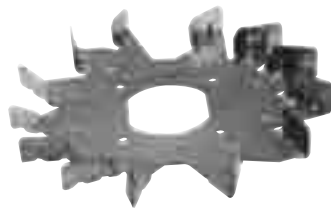
For: Ford 1G Series ER/EF; 2G Series IR/EF; 3G Series IR/IF Alternators
Replaces: Ford E6AZ-10370-A, GY-1361



28-2404

Collar - Slip Ring

For: Ford 1G Series Truck 65-90A ER/EF Alternators
Dim: 17.3mm (.686 in) ID
Note: Used w/ 28-2851-1 slip ring on aftermarket design rotor shafts. For OE design rotor shafts use 28-2854 slip ring.



28-2411

Fan - Rotor (S.R.E)

For: Ford 4G Series IR/IF Alternators
Note: Used in 28-210 Rotor



28-2412

Fan - Rotor (D.E.)

For: Ford 4G Series IR/IF Alternators
Note: Used in 28-210 Rotor



28-2700

Shaft - Rotor

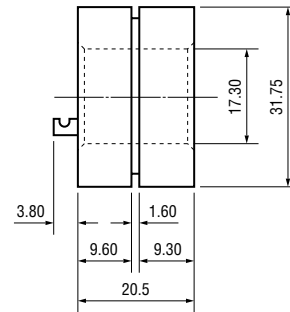
For: Ford 2G Series IR/EF Alternators
Note: Used in 28-206, 28-207 rotors



28-2704

Shaft - Rotor

For: Ford 3G Series IR/IF Alternators
Dim: .668-20 Shaft Threads
Note: Used in 28-208, 28-209 rotors

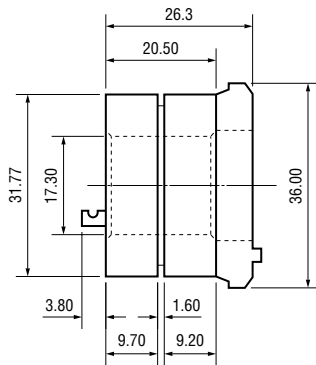


28-2851-1

Slip Ring

For: Ford 1G Series 40-651G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford C3SZ-10328-A
Dim: 17.3mm ID x 31.7mm OD
Note: Used in 28-205 rotors
Features:
 • Split slip ring

ALTERNATOR - ROTOR PARTS (28-)



28-2852-1
Slip Ring

For: Ford 1G Series 70-100A ER/EF Alternators

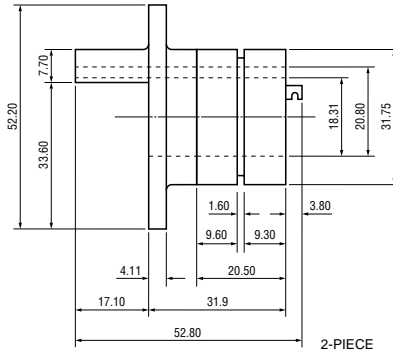
Replaces: Ford E7AZ-10328-A

Dim: 17.3mm ID x 31.8mm OD

Note: Used in 28-202-9 rotor

Features:

- Split slip ring



28-2854
Slip Ring

For: Ford 1G Series Truck 65-90A ER/EF Alternators

Dim: 18.3mm ID x 31.8mm OD

Features:

- 2-piece design



28-2855-2
Slip Ring

Same as 28-2855-1 except...

Features:

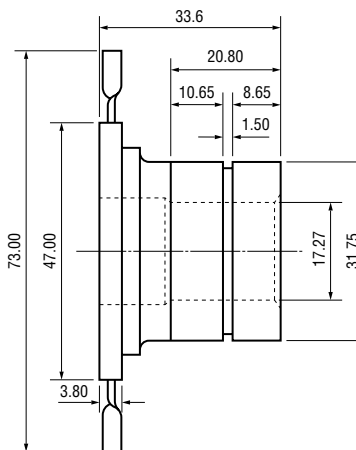
- U-shaped leads for ease of installation



28-2855-3
Slip Ring

Same as 28-2855-1 except...

Note: Same as 28-2855-1 except 28-2855-3 leads extend 113mm from end to end, providing extra lead length to bend and solder on the larger 130 Amp rotors.



28-2853-1
Slip Ring

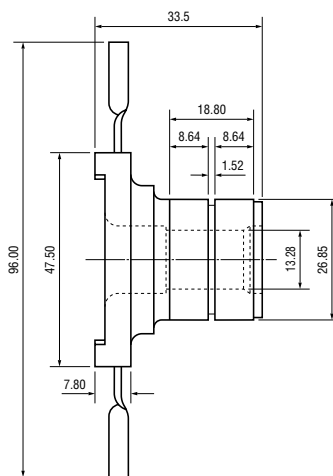
For: Ford 2G Series IR/EF Alternators

Dim: 17.3mm ID x 31.8mm OD

Note: Used in 28-206, 28-207-9 rotors

Features:

- Split slip ring



28-2855-1
Slip Ring

For: Ford 3G Series IR/IF Alternators

Dim: 13.3mm ID x 26.9mm OD x 27mm LL

Note: Leads extend 101mm from end to end - same as OE.

For longer leads use 28-2855-3 when soldering to the larger 130 Amp rotors.

Features:

- Split slip ring
- Straight leads, 101mm from end to end



28-2857
Slip Ring

For: Ford 4G Series IR/IF Alternators

Dim: 6.0mm ID x 16.0mm OD x 34mm LL

Note: Used in 28-210 rotor

Features:

- Split slip ring

ALTERNATOR - ROTOR PARTS (28-)

FORD (cont'd)



28-2858
Repair Slip Ring

For: Ford 4G Series IR/IF Alternators

Dim: 14.73 ID x 16.89 OD x 7.62 L

Note: 2-required per rotor.

To install:

- Cut old slip ring OD to .570"
- Clean repair ring ID and apply soldering flux to old slip ring OD.
- Position repair ring over old slip ring using the 4-locating tabs on the repair ring to hold it in place.
- Dip in solder pot (700° F) or heat slip ring and apply solder.
- Allow to cool and cut slip ring OD to .615"

Features:

- Copper



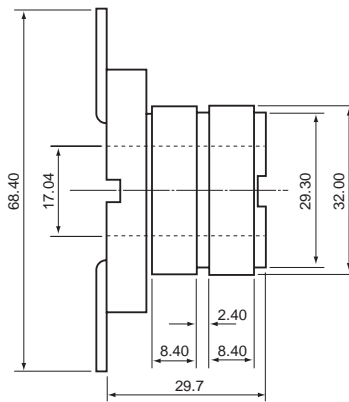
28-2859
Slip Ring

For: Ford 6G Series IR/IF Alternators

Dim: 13.4mm ID x 27.0mm OD x 30mm LL

Note: Used in 28-211, 28-212 rotors

HITACHI



28-81851
Slip Ring

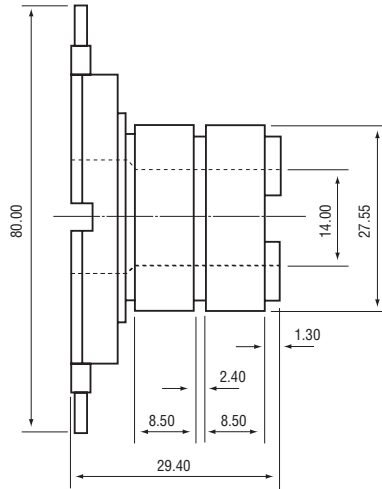
For: Hitachi IR/IF Alternators

Unit Nos: Hitachi LR170-713; LR170-721, B; LR180-704; LR180-705, B; LR180-724; LR190-704, B; LR190-706, LR190-707; LR190-709, B; LR190-711, LR190-714

Lester Nos: 13262, 13324, 14651, 14661, 14752

WAI Ref. Nos: 1-1107-01HI, 1-1122-01HI, 1-1477-01HI, 1-1533-01HI, 1-2099-01HI, 1-2165-01HI

Dim: 17mm ID x 32mm OD



28-81852
Slip Ring

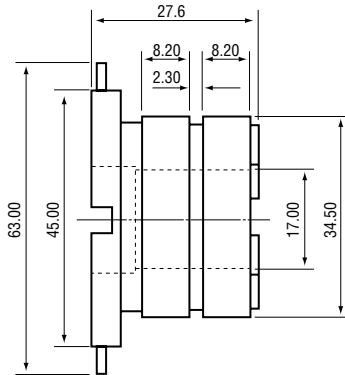
For: Hitachi IR/IF Alternators

Unit Nos: Hitachi LR150-703; LR150-704, H; LR160-715; LR160-718, H; LR165-704; LR165-707, B; LR170-714, LR170-715, LR170-716, LR170-717, LR180-715; LR180-718, B; LR180-719

Lester Nos: 13250, 13273, 13327, 14241, 14242, 14719, 14743, 14859, 14860, 14960, 14979

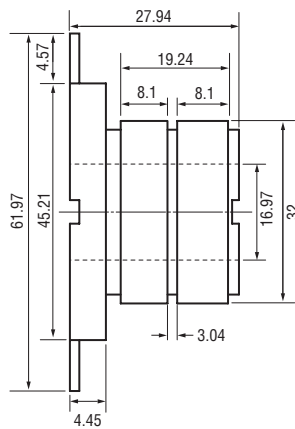
WAI Ref. Nos: 1-1098-01HI, 1-1102-01HI, 1-1120-01HI, 1-1125-01HI, 1-1126-01HI, 1-1126-02HI, 1-1128-01HI, 1-1232-01HI, 1-1233-01HI, 1-1249-01HI, 1-1258-01HI, 1-1880-01HI, 1-2166-01HI

Dim: 14mm ID x 27.5mm OD



28-81854
Slip Ring

For: Hitachi IR/EF Alternators
Used On: (1985-83) Nissan
Unit Nos: Hitachi LR160-401
Lester Nos: 14653
WAI Ref. Nos: 1-1130-01HI
Dim: 17mm ID x 34.5mm OD

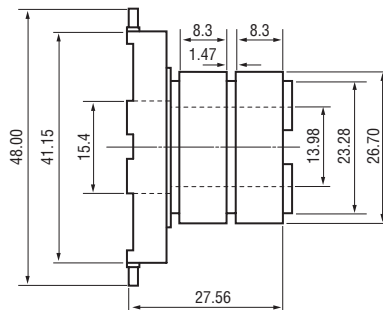


28-81855
Slip Ring

For: Hitachi IR/EF Alternators
Used On: (1994-78) Isuzu, Nissan, Subaru
 (cont'd)

(cont'd)

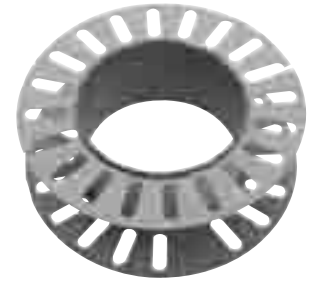
Unit Nos: Hitachi LR135-61B, LR150-98B, LR150-99B, LR150-125B; LR150-133B, C, E; LR150-146B, C; LR150-155B, LR150-165, LR150-201B; LR150-205, B; LR160-78, B; LR160-82, B; LR160-93; LR160-97B, C; LR160-104, LR160-109, LR160-137, LR160-138, LR170-14, LR170-21
Lester Nos: 14231, 14255, 14300, 14301, 14303, 14586, 14587, 14588, 14592, 14613, 14615, 14648, 14649, 14665, 14721, 14730, 14742, 14744, 14745, 14751, 14858
WAI Ref. Nos: 1-1096-01HI, 1-1097-01HI, 1-1104-01HI, 1-1109-01HI, 1-1112-01HI, 1-1113-01HI, 1-1121-01HI, 1-1131-01HI, 1-1236-01HI, 1-1571-01HI, 1-1593-01HI, 1-1593-02HI
Dim: 17mm ID x 32mm OD



28-81856
Slip Ring

For: Hitachi 50-125A ED/IF, IR/IF Alternators
Lester Nos: 13273, 13285, 13287, 13327, 13329, 13334, 13531, 13533, 13564, 13612, 13636, 13637, 13638, 13639, 13640, 13641, 13642, 13643, 13644, 13645, 13657, 13712, 13713, 13724, 13728, 13744, 13757, 13760, 13775, 13778, 13788, 13789, 13825, 14859, 14960
Dim: 13.9mm ID x 26.7mm OD

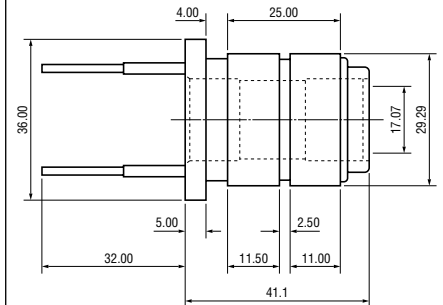
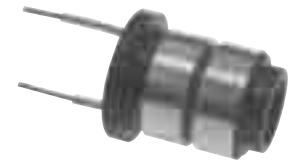
LEECE-NEVILLE



28-5300

Bobbin - Rotor

For: Leece-Neville 2300-2800JB Series IR/EF Alternators
Dim: 57mm ID

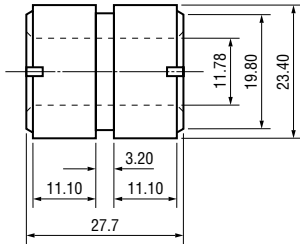


28-5851-2
Slip Ring

For: Leece-Neville 2300-2800JB Series IR/EF Alternators
Replaces: Leece-Neville 71189
Dim: 17.1mm ID x 29.3mm OD
Note: Used in 28-500-9, 28-501-9 rotors
Features:
 • Universal design
 • Brass material

ALTERNATOR - ROTOR PARTS (28-)

LEECE-NEVILLE (cont'd)



28-5852
Slip Ring

For: Leece-Neville 7000 Series IR/EF Alternators

Replaces: Leece-Neville 57462

Dim: 11.8mm ID x 23.4mm OD

Note: Used in 28-502 rotor

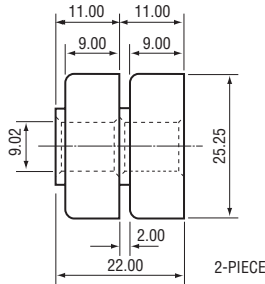


GS-2922
Shaft - Rotor

For: Leece-Neville 2500-2800JB Series IR/EF Alternators

Note: Used in 28-500, 28-501 rotors

LUCAS



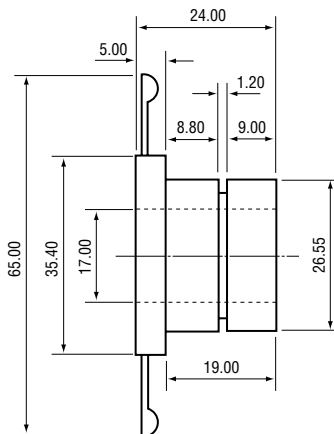
28-92851
Slip Ring

For: Lucas A115, A133 Series IR/EF Alternators

Lester Nos: 13145, 13146, 13163, 13164, 13436, 14092, 14095, 14561

WAI Ref. Nos: 1-1317-01LU, 1-1319-01LU, 1-1324-01LU, 1-1373-01LU, 1-1374-01LU, 1-1381-01LU, 1-1383-01LU, 1-1384-01LU, 1-1841-01LU

Dim: 9mm ID x 25.2mm

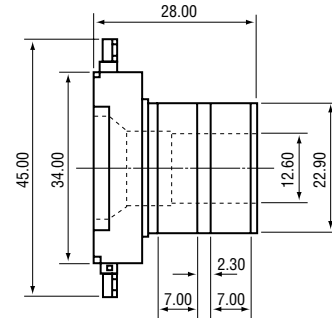


28-92852
Slip Ring

For: Lucas A127 Series IR/EF Alternators

Dim: 17mm ID x 26.5mm OD

MANDO



28-83851
Slip Ring

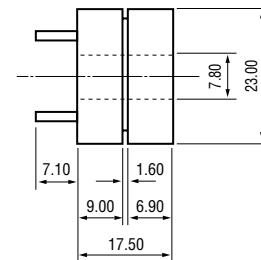
For: Mando 60-90A; Mitsubishi 45-120A IR/IF Alternators

Dim: 12.6mm ID x 22.9mm OD

Note: Similar to 28-83852 except 28-83852 has 13.5mm ID

Features:

- Copper



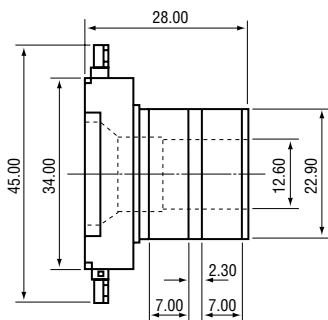
28-86850
Slip Ring

For: Mando IR/EF Alternators

Used On: Mercury Marine

Dim: 7.8mm ID x 23.8mm OD

MITSUBISHI



28-83851 Slip Ring

For: Mando 60-90A; Mitsubishi 45-120A IR/IF Alternators

Dim: 12.6mm ID x 22.9mm OD

Note: Similar to 28-83852 except 28-83852 has 13.5mm ID

Features:

- Copper



28-83852 Slip Ring

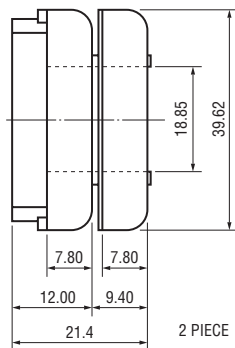
For: Mitsubishi ER/IF, IR/IF Alternators
Used On: (2005-91) Chevrolet, Chrysler, Dodge, Eagle, Ford, Geo, Honda, Infiniti, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru, Suzuki

Lester Nos: 13336, 350, 432, 450, 451, 473, 478, 479, 559, 575, 580, 584, 585, 586, 587, 614, 616, 648, 649, 692, 698, 718, 723, 735

Dim: 13.5mm ID x 22.7mm OD

Note: Similar to 28-83851 except 28-83851 has 12.6mm ID

MOTOROLA



28-4850

Slip Ring - Rotor

For: Motorola / Prestolite Alternators

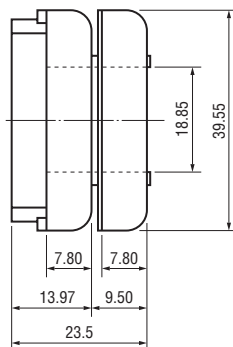
Lester Nos: 7429

Dim: 18.9mm ID x 39.6mm OD x 21.4mm OAL (9.5mm L + 11.9mm L)

Note: Used in Motorola rotors 12-2. Similar to 28-4850-1 except that 28-4850-1 has 23.5mm OAL.

Features:

- 2-piece design



28-4850-1

Slip Ring - Rotor

For: Motorola / Prestolite Alternators

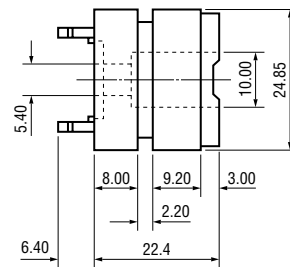
Lester Nos: 7427, 7441

Dim: 18.9mm ID x 39.6mm OD x 23.5mm OAL (9.5mm L + 14.0mm L)

Note: Used in Motorola rotors 12-1. Similar to 28-4850 except that 28-4850 has 21.4mm OAL.

Features:

- 2-piece design



28-4851 Slip Ring

For: Motorola / Prestolite Alternators

Replaces: Motorola 12-22;

Prestolite 112-22

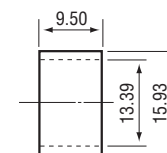
Dim: 10mm ID x 24.9mm OD

Note: Used in Motorola rotors 12-8, 12-21, 12-23, 12-27, 12-28, 12-32, 12-40, 12-52, 12-55, 12-56, 12-65, 12-66 & others

Features:

- 1-piece design

NIPPONDENSO



28-82850

Repair Slip Ring

For: Nippondenso 40/90, 50/120A

ER/IF; 45-80A IR/IF Alternators

Dim: 13.4mm ID x 15.9mm OD x 9.5mm L

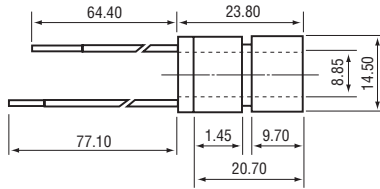
Note: 2-required per rotor.

To install:

- Cut old slip ring OD to .510" (+/- .005")
- Attach repair ring by dipping into solder pot, heating soldering paste or applying solder.
- Cut cooled slip ring to .590" (+/- .015")

ALTERNATOR - ROTOR PARTS (28-)

NIPPONDENSO (cont'd)



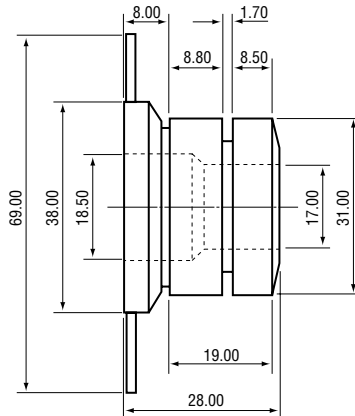
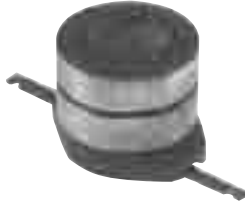
28-82853 Slip Ring

For: Nippondenso 40/90, 50/120A
ER/IF; 45-80A IR/IF Alternators

Dim: 8.8mm ID x 14.5mm OD

Note: To repair slip ring use 28-82850
repair ring

VALEO



28-94850 Slip Ring

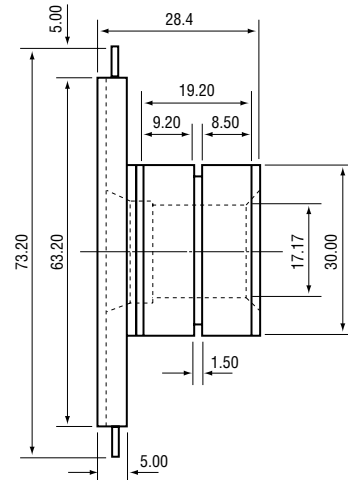
For: Paris Rhone / Valeo IR/EF
Alternators

Unit Nos: Paris Rhone / Valeo A14N51,
A14N56, A14N77

Lester Nos: 14331, 14899, 14963

WAI Ref. Nos: 1-1306-01PR,
1-1307-01PR

Dim: 17mm ID x 31mm OD

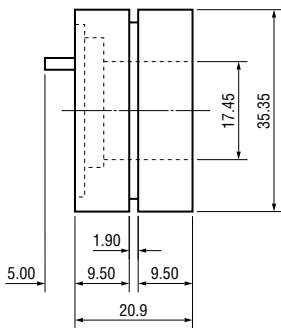


28-94865 Slip Ring

For: Paris Rhone / Valeo Alternators

Dim: 17.2mm ID x 30.0mm OD

PRESTOLITE



28-6851 Slip Ring

For: Prestolite ANB Series Alternators

Dim: 17.4mm ID x 35.3mm OD

BOSCH



41-91303

Mounting Bushing - D.E. Frame

For: Bosch 469, 489 Series IR/EF Alternators

Used On: (1991-70) BMW, Volvo

Replaces: Bosch 1-120-321-000, 1-120-321-008

Unit Nos: Bosch 0-120-400-630, -631, -752, -753; 0-120-469-882, -883, -935; 0-120-489-030, -031, -036, -037, -038, -039, -040, -045, -046, -167, -191, -533, -534, -543, -544, -606, -607, -608, -618, -619, -646, -647, -648, -718

Lester Nos: 13018, 13101, 13102, 13113, 13150, 13603

WAI Ref. Nos: 1-1263-01BO, 1-1267-01BO, 1-1268-01BO, 1-1273-01BO, 1-1301-01BO

Dim: 15mm ID x 21mm OD x 8.5mm L

Note: Rubber material



41-91304

Mounting Bushing - D.E. Frame

For: Bosch 469, 489 Series IR/EF Alternators

Used On: (1991-70) BMW

Replaces: Bosch 1-120-323-000, 1-120-323-002

Unit Nos: Bosch 0-120-400-630, -631, -752, -753; 0-120-469-538, -539, -560, -561, -593, -617, -618, -619, -782, -783, -804, -805, -806; 0-120-489-030, -031, -036, -037, -038, -039, -040, -045, -046, -167, -191, -533, -534, -543, -544, -606, -607, -608, -618, -619, -646, -647, -648, -718

Lester Nos: 13018, 13101, 13102, 13113, 13150, 13246, 14782

WAI Ref. Nos: 1-1263-01BO, 1-1264-01BO, 1-1265-01BO, 1-1267-01BO, 1-1268-01BO, 1-1273-01BO

Dim: 15mm ID x 23mm OD x 20mm L

Note: Rubber material



41-91500

O-Ring - S.R.E. Frame

For: Bosch 400, 450 Series ER/EF; 469, 489 Series IR/EF Alternators

Used On: (1992-70) Audi, BMW, Chrysler, Dodge, Fiat, Lancia, Mercedes, Peugeot, Plymouth, Saab, VW, Volvo

Replaces: Bosch 1-120-210-001

Lester Nos: 13036, 055, 056, 093, 094, 101, 109, 112, 119, 129, 147, 151, 152, 153, 154, 156, 159, 172, 191, 236, 315, 607; 14057, 391, 392, 395, 410, 412, 421, 595, 605, 765, 769, 779, 784, 787, 789, 797, 802, 803, 807, 820, 965, 969, 971

Dim:

31.5mm ID x 35mm OD x 1.5mm W
1-1/4" ID x 1-3/8" OD x 1/16" W



42-91104

Insulator - Battery Terminal

For: Bosch ER/EF Alternators

Used On: (1989-88) Chrysler, Dodge, Plymouth

Unit Nos: Bosch 0-120-400-949, 0-120-400-950, 0-120-400-951, 0-120-400-952, 0-120-400-953

Lester Nos: 13186, 13187

WAI Ref. Nos: 1-1495-00BO, 1-1495-01BO, 1-1495-02BO, 1-1496-00BO, 1-1496-01BO

Dim: 6mm ID



42-91105

Insulator - Battery Terminal

For: Bosch ER/EF Alternators

Used On: (1992-85) Chrysler, Dodge, Plymouth

Unit Nos: Bosch 0-120-450-011, 0-120-450-012, 0-120-450-013, 0-120-450-014, 0-120-450-016, 0-120-450-018, 0-120-450-019, 0-120-450-020, 0-120-450-021, 0-120-450-022, 0-120-450-023, 0-120-450-024, 0-120-450-025

Lester Nos: 13315, 14789

WAI Ref. Nos: 1-1489-01BO, 1-1581-00BO, 1-1581-01BO, 1-1581-02BO, 1-2196-00BO, 1-2196-01BO

Dim: 8mm ID



42-91106

Insulator - Battery Terminal

For: Bosch IR/EF Alternators

Used On: (1993-84) Audi, Merkur, VW

Unit Nos: Bosch 0-120-469-631, -633, -638, -654, -671, -672, -675, -696, -697, -698, -700, -701, -702, -703, -704, -705, -706, -707, -708, -711, -712, -727, -728, -731, -734, -736, -873

Lester Nos: 14396, 14778, 14806, 14821, 14822

WAI Ref. Nos: 1-1168-01BO, 1-1388-00BO, 1-1397-01BO, 1-1461-00BO, 1-1461-01BO, 1-1471-01BO

Dim: 8mm ID

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

BOSCH (cont'd.)



42-91304

Insulator - Battery/Trio Terminals

For: Bosch IR/EF Alternators
Used On: (1996-86) Audi, Jaguar, VW, Volvo

Unit Nos: Bosch 0-120-468-017, 0-120-468-019, 0-120-468-025, 0-120-469-689, 0-120-469-742, 0-120-469-768, 0-120-469-793, 0-120-469-864, 0-120-469-976, 0-120-489-360, 0-120-489-365, 0-120-489-378

Lester Nos: 13242, 13244, 13260, 13360, 13369, 13374, 14396, 14798, 14799, 14806, 14818, 14970, 14972, 14997

WAI Ref. Nos: 1-1297-01BO, 1-1325-01BO, 1-1351-02BO, 1-1387-01BO, 1-1388-00BO, 1-1389-01BO, 1-1399-01BO, 1-1400-01BO, 1-1401-01BO, 1-1463-01BO, 1-1467-01BO, 1-1476-01BO

Dim: 8mm Batt. Term. Hole
 5mm Slotted Trio Term. Hole



42-91307

Insulator - Battery/Trio Terminals

For: Bosch IR/EF Alternators
Used On: (1995-77) Audi, BMW, Mercedes, Merkur, Porsche, Saab, VW

Unit Nos: Bosch 0-120-468-057, -058, -060; 0-120-469-559, -560, -566, -588, -633, -638, -654, -661, -662, -671, -672, -675, -683, -684, -685, -689, -696, -697, -698, -700, -701, -702, -703, -704, -705, -706, -707, -708, -709, -711, -712, -727, -728, -731, -734, -736, -744, -745, -754, -757, -758, -759, -777, -779, -782, -783, -804, -805, -806, -811, -831, -832, -839, -873, -881, -888, -889; 0-120-489-362

Lester Nos: 13243, 13246, 13363, 13367, 14059, 14396, 14778, 14782, 14783, 14791, 14806, 14812, 14813, 14821, 14822, 14825, 14944, 14964, 14966, 14970, 14972, 14996

Dim: 8mm Batt. Term. Hole
 5mm Trio Term. Hole



42-91310

Insulator - Rectifier (Int.)

For: Bosch ER/EF Alternators
Used On: (1992-85) Chrysler, Dodge, Plymouth

Unit Nos: Bosch 0-120-450-011, 0-120-450-012, 0-120-450-014, 0-120-450-018, 0-120-450-019, 0-120-450-020, 0-120-450-021, 0-120-450-022, 0-120-450-023, 0-120-450-024, 0-120-450-025

Lester Nos: 13315, 14789

WAI Ref. Nos: 1-1489-01BO, 1-1581-00BO, 1-1581-01BO, 1-1581-02BO, 1-2196-00BO, 1-2196-01BO

Dim: 8mm ID



46-91100

Capacitor

For: Bosch 400, 450 Series ER/EF; 468, 469, 484, 489 Series IR/EF Alternators

Used On: (1998-70) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Fiat, Ford, Hyundai, Jaguar, Lancia, Mercedes, Mercury, Merkur, Peugeot, Plymouth, Porsche, Saab, VW, Volvo

Replaces: Bosch 0-290-800-036

Lester Nos: 13033, 036, 039, 050, 055, 071, 073, 079, 093, 094, 101, 107, 109, 112, 113, 116, 129, 138, 147, 150, 151, 152, 159, 186, 187, 191, 235, 242, 243, 244, 246, 247, 260, 281, 315, 360, 361, 363, 364, 366, 367, 369, 370, 372, 373, 374, 375, 378, 469, 528, 602, 603, 604, 607; 14046, 048, 049, 057, 395, 396, 410, 412, 539, 595, 605, 765, 778, 779, 782, 783, 787, 789, 791, 797, 799, 812, 813, 818, 821, 822, 825, 876, 944, 956, 964, 965, 969, 970, 971, 972, 988, 997, 997

Dim: 2.2MF



46-91154

Battery Terminal

For: Bosch ER/EF Alternators
Used On: (1992-85) Chrysler, Dodge, Plymouth

Unit Nos: Bosch 0-120-450-011, -012, -013, -014, -016, -017, -018, -019, -020, -021, -022, -023, -024, -025

Lester Nos: 13315, 14789

WAI Ref. Nos: 1-1489-01BO, 1-1581-00BO, 1-1581-01BO, 1-1581-02BO, 1-2196-00BO, 1-2196-01BO

Dim: M8 x 1.25 x 29mm L,
 M6 x 1.0 x 18mm L

Note: Universal design, will replace either long or short version of Chrysler 40/90 battery terminals



46-91400

Cover - S.R.E. Frame

For: Bosch IR/IF Alternators

Used On: (2002-92) VW

Replaces: Bosch 1-125-500-108, 1-125-500-128

Unit Nos: Bosch 0-120-485-034, -036, -038, -039, -043; 0-123-310-001, -002, -003, -032, -037; 0-123-315-001, -002, -006; 0-123-320-001, -002, -005, -007, -018, -027, -034; 0-123-340-002, -003, -005

Lester Nos: 13380, 13381, 13605, 13606, 13832

WAI Ref. Nos: 1-1539-00BO, 1-1539-01BO, 1-1539-02BO, 1-1808-01BO, 1-1809-01BO, 1-1813-01BO, 1-1813-02BO

Dim: 116mm ID

Note: Without battery-terminal insert

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-91403

Cover - S.R.E. Frame

For: Bosch IR/IF Alternators
Used On: (1998-93) Volvo
Replaces: Bosch 1-125-500-135
Unit Nos: Bosch 0-123-500-006, 0-123-510-017; 0-123-545-001, -002, -003
Lester Nos: 13520, 13541, 13542, 13632
WAI Ref. Nos: 1-1816-01BO, 1-1816-02BO, 1-1827-01BO, 1-1827-02BO, 1-1908-01BO
Dim: 133mm ID
Note: Without battery-terminal insert



46-91550

Tolerance Ring

For: Bosch ER/EF, IR/EF Alternators
Used On: (1998-74) Alfa Romeo, Audi, BMW, Chrysler, Dodge, Ford, Hyundai, Jaguar, Mercedes, Mercury, Plymouth, Pontiac, Porsche, Saab, VW, Volvo
Replaces: Bosch 1-120-591-082
Dim: 32mm ID x 35mm OD x 18mm OAL
Note: Used w/ 6201 ball bearing w/ 12mm ID x 32mm OD x 10mm W



46-91551

Tolerance Ring

For: Bosch ER/EF, IR/EF Alternators
Used On: (1997-85) Alfa Romeo, Audi, BMW, Jaguar, Mercedes, Merkur, VW; Thermo King
Replaces: Bosch 1-120-591-075
Dim: 32mm ID x 35mm OD x 42mm OAL
Note: Used w/ 6201 ball bearing w/ 12mm ID x 32mm OD x 10mm W



46-91552

Tolerance Ring

For: Bosch IR/IF Alternators
Used On: (2005-91) Alfa Romeo, Audi, BMW, Cadillac, Mercedes, Saab, VW, Volvo, Winnebago
Replaces: Bosch 1-120-591-103
Dim: 40mm ID x 43mm OD x 16.5mm OAL
Note: Used w/ 6203 ball bearing w/ 17mm ID x 40mm OD x 12mm W



46-91800

Wire Harness

For: Bosch ER/EF Alternators
Used On: Volvo
Unit Nos: Bosch 0-120-400-933, 0-120-450-008
Lester Nos: 13161, 14070
WAI Ref. Nos: 1-1290-01BO, 1-1536-01BO
Note: Also used to convert WAI Ref# 1-1289-01BO to 1-1290-01BO Lester No. 14539 to 14070

CHRYSLER



25-300

Fan

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 5226458
Dim: 17mm ID x 146mm OD



41-3500

O-Ring - S.R.E. Frame

For: Chrysler 40/90, 50/120A ER/EF Alternators
Replaces: Chrysler 6032831
Dim: 39.3mm ID x 44.5mm OD x 2.6mm T
 1-9/16" ID x 1-3/4" OD x 3/32" T
Note: Used w/ 39-300, 39-301 brush holder assys.



42-3100

Insulator - Heat Sink

For: Chrysler Round Back ER/IF Alternators
Replaces: Chrysler 2095241
Dim: 6.5mm (1/4") ID
Note: Mica material



42-3101

Insulator - Heat Sink

For: Chrysler Square Back ER/IF Alternators
Replaces: Chrysler 3438716
Dim: 5mm (No. 10) ID
Note: Mica material



42-3300

Insulator - Capacitor Post

For: Chrysler Round Back ER/IF Alternators
Dim: 6.5mm (1/4") ID

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

CHRYSLER (cont'd.)



42-3301

Insulator - Capacitor

For: Chrysler Square Back ER/IF Alternators

Replaces: Chrysler 3438718

Dim: 5mm (No. 10) ID



42-3302

Insulator - Battery Terminal

For: Chrysler Square Back ER/IF Alternators

Replaces: Chrysler 3438715

Dim: 6.5mm (1/4") ID Square Hole



42-3303

Insulator - Battery Terminal

For: Chrysler Square Back ER/IF; Chrysler 100-114A ER/EF Alternators

Replaces: Chrysler 3874287

Dim: 6.5mm (1/4") ID



42-3304

Insulator - Stator Leads

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 5226148



46-3100

Capacitor

For: Chrysler Round Back ER/IF Alternators

Replaces: Chrysler 2098385

Dim: .5MF

1/4-20 Thd.

5mm (No. 10) Eyelet

41mm (1-5/8") Lead Length



46-3101

Capacitor

For: Chrysler Square Back ER/IF Alternators

Replaces: Chrysler 3438725, 3620793, 4091397

Dim: .5MF

7mm (9/32") Eyelet



46-3102

Capacitor

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 4433021, 5226137

Dim: .5MF

7mm (9/32") Eyelet



46-3150

Stud - Capacitor

For: Chrysler Square Back ER/IF Alternators

Replaces: Chrysler 3438717

Dim: 10-24 x 7/8 L



46-3151

Battery Terminal

For: Chrysler Square Back ER/IF Alternators

Replaces: Chrysler 3874274

Dim: 1/4-20 x 1-5/16 L



46-3154

Terminal Post - Brush Holder

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 6501021

Dim: M4 x 0.7 x 30mm L



46-3200

Terminal Block

For: Chrysler Square Back ER/IF Alternators

Replaces: Chrysler 3438729

Dim: 8-32 Thd.



46-3202

Terminal Block

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 4433144, 5226087

Dim: 4mm Dia. Mounting Holes

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-3303

Repair Connector - Stator

For: Chrysler Round Back ER/IF Alternators

Dim: 6" L w/ #52 hole fits 15 gauge wire

Note: Repair connector for damaged or cut stator leads. Provides the extra length needed for attaching to rectifier by soldering to stator leads.

To install:

- Cut stator lead allowing at least 1in. length to remain.
- Scrape varnish from stator lead
- Position stator lead through hole in 46-3303
- Crimp stator lead to 46-3303 and solder
- Slip insulation sleeving over solder joint



46-3304

Terminal - Brush Holder

For: Chrysler Round Back ER/IF Alternators

Replaces: Ref# S-2429



46-3400

Cover - S.R.E. Frame

For: Chrysler 40/90A ER/EF Alternators

Replaces: Chrysler 5226002, 5227111



46-3500

Bearing Retainer - D.E. Frame

For: Chrysler Round Back & Square Back ER/IF Alternators

Replaces: Chrysler 2095012



46-3501

Bearing Retainer - D.E. Frame

For: Chrysler Revised Square Back ER/IF Alternators

Replaces: Chrysler 4091398



46-3502

Bearing Retainer - D.E. Frame

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 5226622

Unit Nos: Chrysler 5226200, 5227100, 5227267

Dim: M5 x 0.8 Mtg. Holes



46-3550

Mounting Bushing - S.R.E. Frame

For: Chrysler Round Back, Square Back ER/IF Alternators

Replaces: Chrysler 2095052

Dim:

10.5mm ID x 14.5mm OD x 17mm L
3/8" ID x 9/16" OD x 11/16" L



46-3551

Mounting Bushing - S.R.E. Frame

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 5226043

Dim: 10mm ID x 14.5mm OD x 29.5mm L



46-3552

Mounting Ferrule

For: Chrysler Revised Square Back ER/IF Alternators

Replaces: Chrysler 5206563



46-3600

Spacer - Fan

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 5226042, 5227606

Dim: 17mm ID x 32mm OD x 5mm L



46-3601

Spacer - Rotor

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 5226041, 5227200

Dim: 17mm ID x 32mm OD x 11mm L

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

CHRYSLER (cont'd.)



46-3602

Spacer - Thru Bolt

For: Chrysler 40/90, 50/120A ER/EF Alternators

Replaces: Chrysler 5226973

Dim: 5mm ID x 8mm OD x 15mm L



46-3603

Spacer - Rotor

For: Chrysler Revised Square Back ER/IF Alternators

Replaces: Chrysler 4145342

Dim:

17mm ID x 20.5mm OD x .66mm T
.67" ID x .81" OD x .026" T

Note: 46-3603 rotor spacer provides the proper fan-to-D.E. housing clearance when using early revised square back rotors in later applications



25-102

Fan

For: Delco 10SI, 12SI IR/EF Series Alternators

Replaces: Delco 1984430

Dim: 17mm ID x 140mm OD



25-103

Fan

For: Delco 15SI, 17SI, CS144 Series IR/EF Alternators

Replaces: Delco 1978026

Dim: 17mm ID x 142mm OD

Note: Metal



25-104

Fan

For: Delco 10SI/Type 136, 20SI Series IR/EF Alternators

Replaces: Delco 1970593

Dim: 22.23mm (7/8") ID x 140mm OD

Note: Steel bidirectional fan



25-105

Fan

For: Delco 25SI, 27SI/Type 200, 29SI, 30SI, 40SI Series IR/EF Alternators

Replaces: Caterpillar 9S2258, Delco 1969481

Dim: 22.23mm (7/8") ID x 165mm OD



25-106

Fan

For: Delco 27SI/Type 100 Series IR/EF, Ford 1G Series 70-100A ER/EF Alternators

Replaces: Delco 801808; Ford D9AZ-10A310-A, E6DZ-10A310-C, GP-602, GP-626

Dim: 17mm ID x 160mm OD



25-107

Fan

For: Delco CS121 Series IR/EF Alternators

Replaces: Delco 10495204

Dim: 17mm ID x 116mm OD



25-108

Fan

For: Delco CS130 Series IR/EF Alternators

Replaces: Delco 1989581

Dim: 17mm ID x 124mm OD

DELCO



25-100

Fan

For: Delco 10DN Series ER/EF, 10SI Series IR/EF; Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators

Replaces: Delco 800594; Ford D9ZZ-10A310-A, E5SZ-10A310-A, E6SZ-10A310-A, E8FZ-10A310-A

Dim: 17mm ID x 136mm OD

25-100-1

Fan

Same as 25-100 except...

Features:

- Zinc-yellow plated

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



25-109
Fan

For: Delco 20SI, 21SI, 22SI, 23SI Series IR/EF Alternators
Replaces: Delco 10467272, 10471121*
Dim: 22.23mm (7/8") ID x 146mm OD
Note: Aluminum bidirectional fan w/ integral fan spacer.
 *Delco 10471121 is CW rotation fan.



25-110
Fan

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10467133, 10492163
Dim: 22.23mm (7/8") ID x 165mm OD
Note: Aluminum bidirectional fan w/ integral fan spacer



25-111
Fan

For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 10471962
Dim: 17mm ID x 145mm OD
Note: With plastic vanes



25-190
Baffle

For: Delco 17SI, CS144 Series IR/EF Alternators
Replaces: Delco 1987614
Dim: 17mm ID x 146mm OD
Note: Used w/ 25-103 fan



26-101-3

Chrome Plated Alternator Kit

For: Delco 10DN Series ER/EF Alternators
Lester Nos: 7121, 7122



26-102-4

Chrome Plated Alternator Kit

For: Delco 10SI Series IR/EF Alternators
Lester Nos: 7127, 7128
Dim: Mtg. Ear Hole Size: 5/16-18
 Mtg. Foot Hole Size: 10mm
Note: With 1-groove pulley. Requires

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



31-1300

Insulator - Rectifier

For: Delco 10DN Series ER/EF; 25SI, 26SI Series IR/EF Alternators

Replaces: Delco 1968935

Features:

- High-temp insulator for stud in heat sink



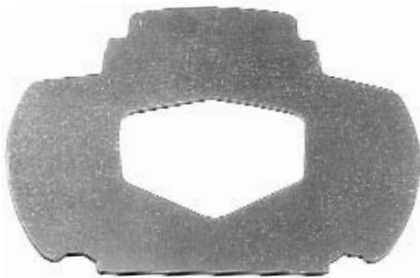
31-1603

Terminal Block - Rectifier

For: Delco 10SI, 12SI, 20SI Series IR/EF Alternators

Features:

- High-Temp Plastic



41-1100

Gasket - Rectifier Cover

For: Delco 25SI, 26SI Series IR/EF Alternators

Replaces: Delco 1970395



41-1101

Gasket - Bearing Retainer

For: Delco 25SI, 30SI Series IR/EF Alternators

Replaces: Delco 1968884



41-1102

Gasket - Diode Cover

For: Delco 50DN Series Bus Alternators

Replaces: Delco 1976514



41-1103

Gasket - Regulator Plug

For: Delco CS121 Series IR/EF Alternators

Used On: Geo Prizm

Unit Nos: Delco 10479805; Toyota 27060-02020

Lester Nos: 8106

Note: Used w/ 46-1804 regulator plug adapter



41-1104

Seal - Battery Terminal

For: Delco 10SI/Type 110 Series IR/EF Alternators

Used On: Marine Applications

Replaces: Delco 801495

Dim: 18mm ID x 31mm OD

Note: Rubber



41-1105

Dampener - Diode Trio

For: Delco 22SI, 33SI, 34SI Series IR/EF Alternators



41-1300

Boot - Relay Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34S Series IR/EF Alternators

Replaces: Delco 1970227

Note: Included in 49-1504, 49-1511 relay terminal kits



41-1302

Grommet - Lead Support

For: Delco 25SI Series IR/EF Alternators

Replaces: Delco 1968996



41-1303

**Boot - Battery Terminal
Red Color**

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators

Note: Included in 49-1507 battery terminal kit



41-1306

Grommet - Stationary Coil Leads

For: Delco 25SI, 26SI Series IR/EF Alternators



41-1307

Plug - Regulator Terminals

For: Delco 10SI, 21SI, 22SI, 27SI/Type 200, 202 Series IR/EF Alternators

Replaces: Delco 1987869

Note: Used on regulators w/ webbed terminals

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



41-1308

Grommet - Stator Leads

For: Delco 29SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1974629



41-1310

Grommet - Stator Leads

For: Delco 30SI Series IR/EF Alternators

Replaces: Delco 1876805



41-1311

Insulator - Rectifier

For: Delco 25SI, 26SI Series IR/EF Alternators

Dim: 14mm ID x 23.5mm OD x 4mm T
9/16" ID x 15/16" OD x 5/32" T

Note: Included in 49-1507 battery terminal kit



41-1313

Cap - Regulator Terminals

For: Delco 21SI, 22SI, 27SI/200, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 10476720

Note: Used on one wire systems w/ web type regulators



41-1314

Boot - Battery Terminal

For: Delco 27SI/Type 100, 27SI/Type 200 Series IR/EF Alternators

Replaces: Ref# S-2226



41-1700

Seal - Regulator Terminals

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, 30SI Series IR/EF Alternators

Replaces: Delco 1876806



41-1702

Seal - D.E. Bearing

For: Delco 25SI, 30SI Series IR/EF Alternators

Replaces: Delco 1958509

Dim: 51mm OD x 8mm W
2" OD x 5/16" W

Fits: 35mm (1.375") Dia. Shaft



41-1703

Seal - Brush Holder

For: Delco 22SI Series IR/EF Alternators

Replaces: Delco 10493664



41-1704

Rubber Washer - S.R.E. Bearing

For: Delco 22SI Series IR/EF Alternators

Replaces: Delco 10492759

Dim: 17mm ID x 34mm OD x 2mm T



42-1101

Insulator - Rectifier

For: Delco 25SI, 26SI Series IR/EF Alternators

Replaces: Delco 1968930



42-1104

Insulator - Batt., TR. Terms. (Int.)

For: Delco 30SI, 30SI/TR Series IR/EF Alternators

Replaces: Delco 1894704

Dim: 6mm (1/4") ID Square Hole

Note: Included in 49-1514 battery terminal kit, 49-1515 transformer terminal kit



42-1105

Support - Regulator Lead

For: Delco 25SI, 26SI Series IR/EF Alternators

Replaces: Delco 1846938



42-1106

Insulator - Rectifier

For: Delco CS144 Series 124-145A IR/EF Alternators

Dim:

162.5mm L x 40.5mm W
6-3/8" L x 1-5/8" W

Note: Used between rectifier & S.R.E. frame.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



42-1107

Insulator - Rectifier

For: Delco AD230, AD237, AD244 Series IR/IF Alternators

Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290

Dim: 26mm W x 100mm L



42-1300

Insulator

For: Delco 10DN* Series ER/EF; 20SI**, 25SI***, 26SI***, 29SI** Series IR/EF Alternators

Replaces: Delco 1959389

Dim: 4.5mm (No. 8) ID

Note: Black color.

Included in 49-1506, 49-1518 relay terminal kits.

* Capacitor mtg.

** Relay terminal

*** Rectifier mtg.



42-1301

Insulator - Ground Terminal

For: Delco 10DN Series ER/EF Alternators

Dim: 5.5mm (No. 12) ID Square Hole

Note: Black color. Included in 49-1500 ground terminal kit.



42-1302

Insulator - Battery Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 21SI, 22SI, 23SI, 27SI, CS144 Series IR/EF Alternators

Replaces: Delco 801826

Dim: 5.5mm (No. 12) ID Square Hole

Note: Red color. Included in 49-1502, 49-1503, 49-1509, 49-1521, 49-1522 battery terminal kits.



42-1303

Insulator - Brush Holder Screw

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI, CS144 Series IR/EF Alternators

Dim:

4mm ID x 15.5mm OAL

No. 8 ID x 5/8" OAL



42-1304

Insulator - Relay, I-Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34SI, 40SI Series IR/EF Alternators

Dim: 5mm (No. 10) ID

Note: Black color w/ round shoulder.

Included in 49-1504, 49-1506, 49-1511, 49-1518 terminal kits.



42-1305

Insulator - Rectifier Screw

For: Delco 20SI, 30SI, 30SI/TR Series IR/EF Alternators

Replaces: Delco 1894463

Dim:

4.5mm ID x 18mm OAL

No. 8 ID x 11/16" OAL

Note: Included in 49-1515 transformer terminal kit



42-1306

Insulator - Battery Terminal

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators

Dim: 6.5mm (1/4") ID

Note: Blue color. Included in 49-1505 battery terminal kit.



42-1308

Insulator - Batt., TR. Terms. (Ext.)

For: Delco 30SI, 30SI/TR Series IR/EF Alternators

Replaces: Delco 1944973

Dim: 6.5mm (1/4") ID

Note: Blue color. Included in 49-1514 battery terminal kit, 49-1515 transformer terminal kit.



42-1309

Insulator - Battery Terminal

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 1989652, 10470445, 10498108

Dim: 5mm ID

Note: Black color. Used w/ 46-1167 battery terminal. Included in 49-1516 battery terminal kit.



42-1309-1

Insulator - Battery Terminal

Same as 42-1309 except...

Note: Black color.

Used w/ 46-1167-1 battery terminal.

Similar to 42-1309 except 42-1309-1 is a heavy duty insulator with a deeper recess and a longer square shoulder to lock the 46-1167-1 battery terminal in place and prevent it from spinning loose during battery cable hookup.



42-1311

Insulator - Battery Terminal

For: Delco CS144 Series 124-145A IR/EF Alternators

Replaces: Delco 10470416

Dim: 14mm ID

Note: Black color. Used in 22-133, 22-134, 22-142 S.R.E. frames.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



42-1312

Insulator - Relay, I-Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10472063
Dim: 5mm (No. 10) ID Square Hole
Note: Black color w/ square shoulder. Included in 49-1523, 49-1524, 49-1525, 49-1526, 49-1527 terminal kits.



42-1313

Insulator - Battery Terminal

For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10469137
Dim: 5.5mm (No. 12) ID Square Hole
Note: Black color



42-1314

Insulator - Stator Leads

For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10475745
Features:
 • Premium Quality

42-1314-1

Insulator - Stator Leads

Same as 42-1314 except...
Features:
 • Best Value



42-1315

Insulator - Battery Terminal

For: Delco CS121 Series IR/EF Alternators
Used On: (1995-89) Geo, Toyota
Replaces: Delco 10469510, 10473395
Unit Nos: Delco 1101626, 10479805, 10480095, 10480096; Toyota 27060-02020, 27060-02050, 27060-02070, 27060-74200
Dim: 5mm ID
Note: Black color. Used w/ 46-1182 battery terminal.



42-1316

Insulator - Regulator Screw

For: Delco CS130D Series IR/IF Alternators
Dim: 4mm ID x 12mm OAL
Note: Used w/ 85-1200 screw to make 85-1214 insulated screw



42-1319

Insulator - Stator Leads

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290



42-1320

Insulator - Battery Terminal

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290
Dim: 8mm ID x 10mm OD



42-2300

Insulator - Battery Terminal (Ext.)

For: Delco 10DN Series; Ford 1G Series 40-100A, 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators
Replaces: Ford C5AZ-10329-A, GY-910
Dim: 6.5mm (1/4") ID
Note: Red color. Included in 49-1501 battery terminal kit.



46-1100

Capacitor

For: Delco 10DN Series ER/EF; 10SI, 27SI/Type 100, 29SI Series IR/EF Alternators
Replaces: Delco 801824, 1959455, 1971411, 1989037
Dim: .5MF
 6.5mm (1/4") Eyelet
 45mm (1-3/4") Lead Length



46-1101

Capacitor

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI Series IR/EF Alternators
Replaces: Delco 830890, 1976364, 1978146
Dim: 1.5MF
 4mm (No. 8) Eyelet
 50mm (2") Lead Length

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1104
Capacitor

For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 1989703
Dim: 1.5MF



46-1105
Capacitor

For: Delco 17SI Series 120A IR/EF; 21SI, 22SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1988972
Dim: 1.5MF



46-1106
Capacitor

For: Delco 10SI, 12SI, 15SI, 27SI Series IR/EF Alternators
Replaces: Delco 1988873
Dim: 1.5MF



46-1107
Capacitor

For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894481, 1985445
Dim: 1.5MF
7mm (9/32") Eyelet
51mm (2") Lead Length



46-1109
Capacitor

For: Delco 30SI Series IR/EF Alternators
Replaces: Delco 10474443
Dim: 1.5MF
4mm (No. 8) Eyelet
122mm (4-3/4") Lead Length



46-1111
Capacitor

For: Delco 20SI Series IR/EF Alternators
Replaces: Delco 1894481, 1985445
Dim: 1.5MF
7mm (9/32") Eyelet
51mm (2") Lead Length
Components:
46-1107 Capacitor
46-1850 Bracket



46-1151
Battery Terminal

For: Delco 10DN Series ER/EF Alternators
Dim: 12-24 x 1-3/8 L
Note: Included in 49-1501 battery terminal kit



46-1152
Ground Terminal

For: Delco 10DN Series ER/EF Alternators
Dim: 10-32 x 1-1/4 L
Note: Included in 49-1500 ground terminal kit



46-1153
Battery Terminal

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators
Dim: 1/4-28 x 1-3/16 L
Note: Included in 49-1505 battery terminal kit



46-1154
Relay Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1968986
Dim: 8-32 Int., 1/8 Dia. x 1/4 L Ext.
Note: Included in 49-1504, 49-1506, 49-1511, 49-1525 relay terminal kit



46-1155
Stud - Rectifier

For: Delco 10DN Series ER/EF; 25SI, 26SI Series IR/EF Alternators
Dim: 8-32



46-1156
Battery Terminal Standard

For: Delco 10SI, 15SI Series IR/EF Alternators
Replaces: Delco 1969053
Dim: 12-24 Int., 12-24 Ext.
Note: Included in 49-1503 battery terminal kit



46-1157
Battery Terminal Metric

For: Delco 10SI, 12SI, 15SI, 17SI, 21SI, 22SI, CS144 Series IR/EF Alternators
Replaces: Delco 10469651
Dim: 12-24 Int., M6 x 1.0 Ext.
Note: Included in 49-1502 battery terminal kit
Features:
• Zinc-yellow plated

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1158
Battery Terminal
Metric

For: Delco 27SI/Type 100 Series IR/EF Alternators
Dim: 12-24 Int., M6 x 1.0 Ext.



46-1159
Battery Terminal
Standard

For: Delco 27SI/Type 100, 200 Series IR/EF Alternators
Dim: 12-24 Int., 12-24 Ext.
Note: Included in 49-1509 battery terminal kit



46-1160
Battery Terminal

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators
Replaces: Delco 1968946
Dim: 1/4-20 Post Int., 7/16-14 Hole Ext.
Note: Use w/ 46-1161 battery terminal. Included in 49-1507 battery terminal kit.



46-1161
Battery Terminal
Red Color

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators
Replaces: Delco 1969002
Dim: 7/16-14
Note: Use w/ 46-1160 battery terminal



46-1164-1
Battery Terminal

For: Delco 30SI Series IR/EF Alternators
Dim: 1/4-28 x 1-1/2 L Terminal
Note: Included in 49-1514 battery terminal kit
Features:
• Flexible wire-lead connector for ease of installation



46-1166
Relay Terminal

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Replaces: Delco 1894568, 1979726
Note: Used in 39-102 brush holder assy.



46-1167
Battery Terminal

For: Delco CS121, CS130 Series IR/EF Alternators
Replaces: Delco 1989647
Dim: M5 x 0.8 Int., M6 x 1.0 x 11mm L Ext.
Note: Used w/ 42-1309 insulator. Included in 49-1516 battery terminal kit.



46-1167-1
Battery Terminal

Same as 46-1167 except...
Note: Used w/ 42-1309-1 insulator. Similar to 46-1167 except 46-1167-1 is a heavy duty battery terminal with a longer square shoulder. 46-1167-1 requires 42-1309-1 heavy duty insulator, together they lock the battery terminal in place and prevent it from spinning loose during battery cable hookup.



46-1168
Battery Terminal

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10496750
Dim: M5 x 0.8 Int., M6 x 1.0 Hole Ext.
Note: Included in 49-1517 battery terminal kit



46-1172
Relay, I-Terminal

For: Delco 20SI, 25SI, 26SI, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 1852800
Dim: 8-32 Int., 10-24 Ext.
Note: Used as I-terminal in 25SI, 26SI, 30SI, 33SI, 34SI series alternators. Used as R-terminal in 20SI, 29SI, 33SI, 34SI series alternators. Included in 49-1518 terminal kit.



46-1173
Battery Terminal Adapter

For: Delco CS130, CS144 Series IR/EF Alternators
Dim: M6 x 1.0 Holes, 21mm L
Note: For converting alternators w/ 46-1167 round battery terminal to square battery terminal. Requires lock washer. Included in 49-1519 battery terminal adapter kit.



46-1174
Battery Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10468929
Dim: 12-24 Int., 5/16-18 Ext.
Note: Included in 49-1522 battery terminal kit

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1175

Battery Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10467296

Dim: 12-24 Int., 1/4-28 Ext.

Note: Included in 49-1521 battery terminal kit



46-1176

Relay Terminal

For: Delco 15SI/Type 116 Series IR/EF Alternators

Replaces: Delco 1986132

Note: Used in 39-104 brush holder assy.



46-1177

Relay Terminal

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 21SI, 25SI, 26SI, 27SI, 29SI, 30SI, 33SI, 34SI Series IR/EF Alternators

Dim: 8-32 Int., 1/8 Dia., 10-24 x 15/32 L Ext.

Note: Universal design for replacing pin-type or threaded-post-type relay terminals



46-1178

Battery Terminal

For: Delco CS144 Series 124-145A IR/EF Alternators

Replaces: Delco 10474201

Dim: M6 x 1.0 Int., M8 x 1.25 Ext.

Note: Used w/ 22-133, 22-134, 22-142 S.R.E. frames. Similar to 46-1189, except 46-1189 has M6 x 1.0 external threads



46-1181

Relay or I-Terminal

For: Delco 21SI, 22SI, 23SI Series IR/EF Alternators

Replaces: Delco 10472120

Dim: 8-32 Int., M4 x 0.7 Ext.

Note: Included in 49-1524 terminal kit



46-1182

Battery Terminal

For: Delco CS121 Series IR/EF Alternators

Used On: (1995-89) Geo, Toyota

Replaces: Delco 10469503

Unit Nos: Delco 1101626, 10479805, 10480095, 10480096; Toyota 27060-02020, 27060-02050, 27060-02070, 27060-74200

Lester Nos: 8106, 8128, 8153

Dim: M5 x 0.8 Int., M6 x 1.0 x 9mm L Ext.

Note: Used w/ 42-1315 insulator



46-1183

Relay

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10472511

Dim: 8-32 Int., 10-24 Ext.

Note: Included in 49-1526 relay terminal kit

Features:

- Late-style square shaft
- Universal relay terminal that replaces both the 'pin' type and 10-24 threaded relay terminals



46-1184

Relay or I-Terminal

For: Delco 21SI, 22SI, 23SI Series IR/EF Alternators

Replaces: Delco 10472511

Dim: 8-32 Int., 10-24 Ext.

Note: Included in 49-1523, 49-1527 terminal kits



46-1185

Battery Terminal

For: Delco CS130D Series IR/IF Alternators

Replaces: Delco 10475765

Dim: M8 x 1.25 Int., M8 x 1.25 Ext.

Features:

- Thread-forming rectifier connection



46-1186

Battery Terminal

For: Delco CS144 Series IR/EF Alternators

Used On: (1994-93) Chevrolet, Pontiac

Replaces: Delco 10456476

Unit Nos: Delco 1101567, 1101648, 10479853, 10480121, 10480131

Dim: 12-24 Post Int., M6 x 1.0 Hole Ext.

Note: Used w/ 85-1337 screw



46-1188

Battery Terminal

For: Delco CS121D Series IR/IF Alternators

Used On: (2002-97) Saturn

Unit Nos: Delco 21023969, 21024727

Lester Nos: 8232

Dim: M5 x 0.8 Int., M6 x 1.0 Ext.



46-1189

Battery Terminal

For: Delco CS144 Series 140A IR/EF Alternators

Used On: (1999-98) Cadillac

Replaces: Delco 10493932

Unit Nos: Delco 10480296, 10480297

Lester Nos: 8226

Dim: M6 x 1.0 Int., M6 x 1.0 Ext.

Note: Used w/ 22-133 S.R.E. frame. Similar to 46-1178, except 46-1178 has M8 x 1.25 external threads

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1191

Battery Terminal

For: Delco AD230, AD237, AD244 Series IR/IF Alternators

Unit Nos: Delco 10480229, 10480234, 10480241, 10480244, 10480303, 10480326, 10480327, 10480341, 10480357, 10480368, 10480388, 10480428

Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8290

Dim: M6 x 1.0 Ext. Thd.



46-1200

Terminal Block

For: Delco CS144 Series IR/EF Alternators

Used On: (1990-89) Cadillac Deville, Fleetwood (FWD) 4.5L w/ Heated Windshield

Replaces: Delco 10467311

Unit Nos: Delco 1101350, 10463119

Lester Nos: 7904

Dim: 3) M5 x 0.8 Studs

Note: Similar to 46-1201 except 46-1201 has unthreaded terminal posts.



46-1201

Terminal Block

For: Delco CS144 Series IR/EF Alternators

Used On: (1995-91) Buick, Cadillac, Oldsmobile, Pontiac

Unit Nos: Delco 1101579, 1102625, 10479966, 10480009, 10480010, 10480012, 10480034, 10480116

Lester Nos: 7966, 84; 8134, 36

Note: Unthreaded terminal posts. Used w/ 22-134 S.R.E. frame on applications w/ heated windshield.

Similar to 46-1200 except 46-1200 has M5 x 0.8 threaded terminal posts.



46-1252

Wire Lead - Rectifier to Reg. Stud

For: Delco 10SI, 27SI/Type 200 Neg. Grd., 30SI* Series IR/EF Alternators

Replaces: Delco 1876080, 1876809, 1964363, 10497824

Dim:

4.5mm Eyelet Dia. x 70mm L

No. 8 Eyelet Dia. x 2-3/4" L

Note: * Relay term. to rectifier



46-1253

Wire Lead - Regulator to I-Terminal

For: Delco 20SI, 25SI, 26SI, 27SI/Type 20030SI* Series IR/EF Alternators

Replaces: Delco 1876151, 1876807, 10497661

Dim:

5mm Eyelet Dia. x 95mm L

No. 10 Eyelet Dia. x 3-3/4" L

Note: * Also used to connect rectifier to regulator stud.



46-1300

Connector - Relay Terminal

For: Delco 10SI, 12SI, 15SI, 17SI Series IR/EF Alternators

Note: Included in 49-1504 relay terminal kit



46-1301

Connector - Batt. Terminal to Rectifier

For: Delco 20SI Series IR/EF Alternators

Replaces: Delco 1894464

Dim: 78mm (3") OAL



46-1302

Connector - Rectifier to Reg. Stud

For: Delco 20SI Series IR/EF Alternators

Replaces: Delco 1894462



46-1303

Connector - Rectifier to Relay Terminal

For: Delco 20SI Series IR/EF Alternators

Replaces: Delco 1894473

Dim: 81mm (3-3/16") OAL



46-1304

Connector - Batt. Term. to Rectifier

For: Delco 27SI Series IR/EF Alternators

Replaces: Delco 801815



46-1305

Connector - Rectifier to Relay Terminal

For: Delco 27SI Series IR/EF Alternators

Replaces: Delco 1852032

Note: Included in 49-1511 relay terminal kit



46-1309

Connector - Rectifier to Batt. Term.

For: Delco 29SI Series IR/EF Alternators

Replaces: Delco 1974627

Dim: 66mm (2-5/8") OAL

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1310

Connector - Rectifier to Regulator

For: Delco CS144 Series IR/EF Alternators
Replaces: Delco 10497789



46-1311

Connector - Rectifier to Relay Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10467339
Note: Connects rectifier to relay terminal used in R-location



46-1312

Connector - Regulator to Batt. Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10467404



46-1313

Repair Connector - Stator

For: Delco CS121, CS130 Series IR/EF Alternators
Note: Repair connector for damaged or cut stator leads. 46-1313 is crimped & soldered to stator leads providing the extra length needed for attaching to rectifier.



46-1314

Connector - Regulator to I-Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators
Replaces: Delco 10468944



46-1315

Connector - Ground

For: Delco 10SI/Type 110 Series IR/EF Alternators
Used On: Marine Applications
Dim: 8-32 Thd. Hole
Note: Included in 49-1512 ground connector kit



46-1316

Connector - Rectifier to Relay Terminal

For: Delco 21SI Series IR/EF Alternators
Replaces: Delco 10468945
Note: Connects rectifier to relay terminal used in I-terminal location



46-1319

Connector - Rectifier to Regulator

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 33mm OAL



46-1320

Connector - Batt. Terminal to Rectifier

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 65mm OAL



46-1321

Connector - Rectifier to Relay Terminal

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 88.5mm OAL



46-1322

Connector - Regulator to I-Terminal

For: Delco 33SI, 34SI Series IR/EF Alternators
Dim: 50mm OAL



46-1324

Repair Lead

For: Delco 10DN series ER/EF Alternators
Note: Repair lead for 1/2" press fit diodes



46-1400

Cover - S.R.E. Frame

For: Delco CS121 Series IR/EF Alternators
Replaces: Delco 10471975, 10495205



46-1401

Cover - S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 1989628



46-1402

Cover - S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators
Used On: (1997-92) Saturn
Replaces: Delco 10470444
Unit Nos: Delco 21021447, 21022772, 21023516, 21023702, 21023724

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1403

Cover - S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10475768
Unit Nos: Delco 10479981, 10479984, 10480017, 10480043, 10480071, 10480072, 10480074, 10480076, 10480078, 10480119, 10480182, 10480187, 10480188, 10480189, 10480190, 10480191, 10480195, 10480217, 10480218, 10480236, 10480237, 10480240, 10480252, 10480307, 10480321
Lester Nos: 8156, 8158, 8160, 8190, 8199, 8200, 8208, 8222, 8223, 8224, 8233



46-1404

Cover - S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10476383
Unit Nos: Delco 10480052, 10480196, 10480233, 10480235
Lester Nos: 8155



46-1405

Cover - S.R.E. Bearing

For: Delco CS121 IR/EF; CS121D IR/IF Series Alternators
Used On: (2002-93) Geo, Saturn, Toyota
Replaces: Delco 10476121
Unit Nos: Delco 10480095, 10480096, 21023969, 21024727
Lester Nos: 13483, 8128, 8232



46-1406

Cover - S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Replaces: Delco 10488602
Unit Nos: Delco 10480079, 10480167, 10480168, 10480170, 10480198, 10480251
Lester Nos: 8197, 8206, 8216, 8227, 8231



46-1408

Cover - S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10490891
Unit Nos: Delco 10480184, 10480320
Lester Nos: 8228
Note: With M8 x 1.25 battery terminal



46-1409

Cover - S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2001-97) Chevrolet, Oldsmobile, Pontiac
Replaces: Delco 10490877
Unit Nos: Delco 10480207, 10480299, 10480317, 10480318, 10480332, 10480336
Lester Nos: 8229, 8230, 8249
Note: Designed for rectifiers w/ press-fit diodes and will also fit rectifiers w/ chip type diodes



46-1410

Cover - S.R.E. Frame

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232



46-1412

Cover - S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators
Used On: (2002-98) Chevrolet, Pontiac
Unit Nos: Delco 10480308, 10480342, 10480343
Lester Nos: 8242
Features:
 • Mfd. by OE Supplier

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1413

Cover - S.R.E. Frame

For: Delco AD230, AD237, AD244 Series IR/IF Alternators

Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290

Note: For later style cover w/ raised center use 46-1465.



46-1414

Cover - S.R.E. Frame

For: Delco CS130D Series IR/IF Alternators

Used On: (1999-97) Acura, Honda

Unit Nos: Delco 10480228; Honda 31100-P8A-A01, -A02

Lester Nos: 8220



46-1450

Cover Plate

For: Delco 20SI Series IR/EF Alternators

Replaces: Delco 1894444



46-1452

Cover Plate

For: Delco 30SI Series IR/EF Alternators

Replaces: Delco 1876814



46-1453

Cover Plate

For: Delco 25SI, 26SI Series IR/EF Alternators

Replaces: Delco 1969001



46-1455

Cover - Spark Arresting

For: Delco 10SI/Type 110 Series IR/EF Alternators

Used On: Mercury Marine

Replaces: Delco 1851178, 1985495



46-1456

Cover - Rectifier

For: Delco 25SI, 26SI Series IR/EF Alternators

Replaces: Delco 1969000



46-1458

Cover - Slip Ring

For: Delco CS144 Series 124-145A IR/EF Alternators

Replaces: Delco 10470414

Note: Used w/ 22-133, 22-134, 22-142 S.R.E. frames



46-1459

Debris Shield

For: Delco 21SI Series IR/EF Alternators

Used On: Case Equipment

Replaces: Delco 10474067

Unit Nos: Delco 1117898, 1117965,

19010178, 19010180, 19010181,

19010182, 19010190, 19010191,

19010192

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1460
Chaff Shield

For: Delco 10SI/Type 116, 136 Series IR/EF Alternators
Used On: Farm Equipment
Replaces: Delco 1851153



46-1462
Cover Plate

For: Delco 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10491181



46-1464
Cover - Pulley Nut

For: Delco AD237 Series IR/IF Alternators
Unit Nos: Delco 10480341
Lester Nos: 8241, 8255



46-1465

Cover - S.R.E. Frame

For: Delco AD230, AD237 Series IR/IF Alternators
Used On: (2005-03) Buick, Chevrolet, Oldsmobile, Pontiac
Unit Nos: Delco 10333165, 10333166, 10346705
Lester Nos: 8288, 8289, 8293
Note: Similar to 46-1413 cover except 46-1465 has raised center for later style rotor.



46-1500

Bearing Retainer - D.E. Frame

For: Delco 10DN Series ER/EF; 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS144 Series IR/EF Alternators
Replaces: Delco 1911263, 1977674, 1988674



46-1500-1

Bearing Retainer - D.E. Frame

Same as 46-1500 except...
Note: OE design w/ felt seal.



46-1502

Bearing Retainer - D.E. Frame

For: Delco 20SI, 27SI/Type 200, 29SI Series IR/EF Alternators
Replaces: Delco 1961867



46-1503

Bearing Retainer - D.E. Frame

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators
Replaces: Delco 10497221
Note: Cast iron



46-1504

Retainer Plate

For: Delco 20SI, 27SI, 29SI Series IR/EF Alternators
Replaces: Delco 1955664



46-1505

Bearing Retainer - D.E. Frame

For: Delco CS130 Series IR/EF Alternators
Note: Used in aftermarket D.E. frames. Requires 84-1351 screws. For clip-on type use 46-1507 bearing retainer.



46-1506

Bearing Retainer - D.E. Frame

For: Delco 50DN Series Bus Alternators
Replaces: Delco 1941060

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1507

Bearing Retainer - D.E. Frame

For: Delco CS121, CS130 Series IR/EF Alternators

Note: Aftermarket design snaps over D.E. frame to secure 6203 D.E. bearing



46-1509

Bearing Retainer - D.E. Frame

For: Delco CS144 Series 124-145A IR/EF Alternators

Note: Snaps over D.E. frame to secure 6303 D.E. bearing



46-1510

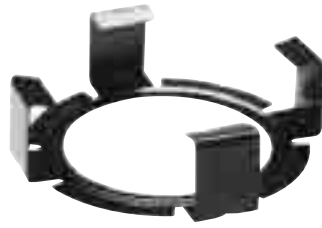
Bearing Retainer - D.E. Frame

For: Delco CS130D Series IR/IF Alternators

Note: 46-1510 is similar to 46-1510-1 except 46-1510 is a 3-finger design and 46-1510-1 is a 4-finger design. 46-1510-1 retainer w/ 4-finger design eliminates the occasional rubbing noise of the retainer against the rotor spacer, however installation takes slightly longer.

Features:

- 3-finger design
- Can be used w/ early or late-style rotor spacer



46-1510-1

Bearing Retainer - D.E. Frame

Same as 46-1510 except...

Note: 46-1510-1 is similar to 46-1510 except 46-1510-1 is a 4-finger design and 46-1510 is a 3-finger design. 46-1510-1 retainer w/ 4-finger design eliminates the occasional rubbing noise of the retainer against the rotor spacer, however installation takes slightly longer.

Features:

- 4-finger design
- Can be used w/ early or late-style rotor spacer



46-1511

Bearing Retainer - D.E. Bearing

For: Delco CS130 Series IR/EF Alternators

Note: Snaps over D.E. frame to secure 6303 D.E. bearing. Used w/ OE D.E. frames ONLY.



46-1550

Mounting Bushing - S.R.E. Frame

For: Delco 20SI, 21SI, 22SI, 23SI, 25SI, 26SI, 27SI/Type 200, 29SI, 30SI, 33SI, 34S Series IR/EF Alternators

Replaces: Delco 1892765, 1968990

Dim: 1/2" ID x 7/8" OD x 13/16" L



46-1552

Mounting Bushing - S.R.E. Frame Metric

For: Delco 27SI/Type 100 Series IR/EF Alternators

Replaces: Delco 1976143

Dim: 10mm ID x 16.5mm OD x 25.5mm L



46-1553

Sleeve - D.E. Frame

For: Delco 10SI Series IR/EF Alternators

Dim: 48.5mm (1-15/16") L

Note: Reduces 10mm metric mounting hole to standard 3/8" dia.



46-1554

Spacer - Rectifier Screw

For: Delco CS121, CS130 Series IR/EF Alternators

Dim: 4mm ID x 5.5mm OD x 11mm L



46-1557

Seal - Rotor

For: Delco 10DN Series ER/EF; 10SI, 27SI/Type 200 Series IR/EF Alternators

Dim:

18.5mm ID x 23.1mm OD x 4.6mm L
.73" ID x .91" OD x .18" L

Note: Used on S.R.E. of rotors w/ .728" shaft dia.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1559

Mounting Bushing - S.R.E. Frame

For: Delco CS130 Series IR/EF Alternators

Replaces: Delco 10498833

Unit Nos: Delco 1101266, 1101267, 1101638, 1101644, 1102644, 10479969, 10479976, 10480025, 10480157, 10480172, 10480181, 10480265

Dim:

10mm ID x 16mm OD x 20mm OAL
22mm Shoulder OD

Note: Used in 22-125, 22-145 S.R.E. frames



46-1560

Tolerance Ring

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 10469356

Dim: 26mm ID x 28mm OD x 11.3mm L

Note: Used w/ 6-100-4 ball bearing



46-1561

Seal - Rotor

For: Delco 10DN Series ER/EF; 10SI, 27SI/Type 200 Series IR/EF Alternators

Replaces: Delco 1961323, 1961523, 1986538

Dim:

17.5mm ID x 23.1mm OD x 4.6mm L
.69" ID x .91" OD x .18" L

Note: Used on S.R.E. of rotors w/ .688" shaft dia.



46-1562

Tolerance Ring

For: Delco CS130 Series IR/EF Alternators

Replaces: Delco 10473712

Dim: 26mm ID x 28mm OD x 9.5mm L

Note: Used w/ 6-100-4 or 6-2000-4 ball bearing

46-1562-1

Tolerance Ring

Same as 46-1562 except...

Features:

- Mfd. by OE Supplier

46-1562-3

Tolerance Ring

Same as 46-1562 except...

Features:

- Best Value



46-1565

Mounting Bushing - D.E., S.R.E. Frame

For: Delco CS130* Series IR/EF; CS130D** Series IR/IF Alternators

Replaces: Delco 10476635

Unit Nos: Delco 10480182, 0218, 0240, 0260, 0262, 0264, 0301, 0307, 0351, 0354, 0378; 21021447; 21022772; 21023516, 702, 724, 969; 21024727

Dim:

8mm ID x 14mm OD x 20mm OAL
22mm Shoulder OD

Note: *Used in 22-137 S.R.E. frame.

**Used in 21-158 D.E. frame.



46-1566

Mounting Bushing - S.R.E. Frame

For: Delco CS130D, CS144 Series IR/IF Alternators

Replaces: Delco 10476382

Unit Nos: Delco 10480052, 10480071, 10480077, 10480119, 10480195, 10480196, 10480211, 10480217, 10480233, 10480235, 10480236, 10480237, 10480238, 10480259, 10480263, 10480280, 10480340, 10480344, 10480353, 10480357

Dim:

10mm ID x 16mm OD x 21mm OAL
22mm Shoulder OD

Note: Used in 22-139, 22-153 S.R.E. frames



46-1567

Tolerance Ring

For: Delco CS121 Series IR/EF Alternators

Used On: (1995-93) Geo, Toyota

Unit Nos: Delco 10479805*, 10480095, 10480096

Dim: 26mm ID x 28mm OD x 35mm L

Note: *Delco 10479805 alternator has 2-different designed tolerance rings which are not interchangeable.

1st design tolerance ring measures 10.2mm from end of ring to where it seats in the S.R.E. frame.

2nd design tolerance ring, 46-1567 measures 8.4mm from end of ring to where it seats in the S.R.E. frame.



46-1570

Bearing Retainer - D.E. Frame

For: Delco CS130 Series IR/EF Alternators

Note: Snaps over D.E. frame to secure 6303 D.E. bearing.

46-1570 can ONLY be used on WAI-designed D.E. frames.



46-1572

Tolerance Ring

For: Delco AD230, AD237, AD244 Series IR/IF Alternators

Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290

Dim: 35mm ID x 37mm OD x 12.7mm L

Note: Used w/ 6202 ball bearing

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1573

Spacer - Battery Terminal

For: Delco AD230, AD237, AD244 Series IR/IF Alternators
Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8290
Dim: 6mm ID x 13mm OD x 25mm L



46-1576

Tolerance Ring

For: Delco 24SI, DR44G Series IR/IF Alternators
Unit Nos: Delco 8600043, 8600068, 10392759, 19020900, 19020902, 19020903
Lester Nos: 8302
Dim: 35mm ID x 11mm L
Note: Used w/ 6202 ball bearing



46-1600

Spacer - Fan

For: Delco 10DN Series ER/EF; 10SI, 15SI, 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1959991
Dim: 17mm ID x 22.23mm OD x 5mm L



46-1601-1

Spacer - Pulley, Rotor*

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS121, CS130, CS144* Series IR/EF Alternators
Replaces: Delco 1978064, 1986000
Dim: 17mm ID x 25.5mm OD x 10mm L
Note: *Used as rotor spacer in CS144 series alternators w/ 6203 D.E. bearing & 108-120 amp rotors



46-1602-2

Spacer - Rotor

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 1989629
Dim: 17.1mm ID x 25.5mm OD x 3mm L
Note: Used as a rotor spacer on CS130 series alternators w/ 6203 D.E. bearing
Features:
 • Slightly larger ID for ease of installation



46-1603-1

Spacer - Rotor

For: Delco 10DN Series ER/EF; 10SI, 12SI, 15SI 27SI/Type 100 Series IR/EF Alternators
Replaces: Delco 1975350
Dim: 17mm ID x 22.23mm OD x 9.5mm L



46-1604-1

Spacer - Fan

For: Delco 12SI Series IR/EF Alternators
Replaces: Delco 1984476
Dim: 17mm ID x 25.5mm OD x 7mm L



46-1605

Spacer - Rotor

For: Delco 27SI/Type 200 Series IR/EF Alternators
Replaces: Delco 1970384
Dim: 25.1mm ID x 33.5mm OD x 14.5mm L



46-1606

Spacer - Fan

For: Delco 20SI, 27SI/Type 200, 29SI Series IR/EF Alternators
Replaces: Delco 1969046
Dim: 22.23mm ID x 35.5mm OD x 8mm L

SPACERS FOR DELCO CS121, CS130, CS144 SERIES



Series	D.E. Bearing	Pulley Spacer	Fan Spacer	Rotor Spacer	Note
CS121	6-203-4	46-1601-1	46-1616-2	46-1616-2	
	6-303-4	46-1601-1	46-1614	46-1615	
CS130	6-203-4	46-1601-1	46-1616-2	46-1602-2	
	6-303-4	46-1601-1	46-1616-2	46-1618	
CS144	6-203-4	46-1601-1	46-1617-1	46-1601-1	108-120A Rotors
	6-203-4	46-1601-1	46-1617-1	46-1613-1	124A Rotors
	6-303-4	46-1601-1	46-1617-1	46-1619-1	124-145A Rotors

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1607
Spacer - Fan

For: Delco 25SI, 30SI Series IR/EF Alternators
Replaces: Delco 1968890, 10497219
Dim: 22.23mm ID x 35mm OD x 13.7mm L



46-1608
Spacer - Internal

For: Delco 25SI, 30SI Series IR/EF Alternators
Replaces: Delco 1968885
Dim: 25.1mm ID x 35mm OD x 28mm L
Note: 1st production design, use w/ 46-1503 cast iron bearing retainer.



46-1610
Taper Collar - Pulley

For: Delco 17SI, CS130D, CS144 Series IR/EF Alternators
Used On: (2000-85) Cadillac, Chevrolet, GMC
Replaces: Delco 10495168
Dim: 17mm ID x 22mm OD* x 13.5mm L
Note: Used w/ 24-1262, 24-1269 6-groove pulleys.
*OD at small end of tapered cone.



46-1613-1
Spacer - Rotor

For: Delco 15SI, 17SI, CS144* Series IR/EF Alternators
Replaces: Delco 10470799
Dim: 17mm ID x 25.5mm OD x 8.5mm L
Note: *Used in CS144 series alternators w/ 6203 D.E. bearing & 124 amp rotor



46-1614
Spacer - Fan

For: Delco CS121 Series IR/EF Alternators
Replaces: Delco 10470075
Dim: 17mm ID x 33mm OD x 5mm L



46-1615
Spacer - Rotor

For: Delco CS121 Series IR/EF Alternators
Replaces: Delco 10469501
Dim: 17mm ID x 36mm OD x 3mm L
Note: Used in CS121 series alternators w/ 6303 D.E. bearing



46-1616-2
Spacer - Fan, Rotor*

For: Delco CS121*, CS130 Series IR/EF Alternators
Replaces: Delco 1989630
Dim: 17.1mm ID x 25.5mm OD x 5.25mm L
Note: *Used as rotor spacer in CS121 series alternators w/ 6203 D.E. bearing.
Features:
• Slightly larger ID for ease of installation



46-1617-1
Spacer - Fan, Rotor*

For: Delco 15SI, 17SI, CS130D*, CS144 Series IR/EF Alternators
Replaces: Delco 1985999
Dim: 17mm ID x 25.5mm OD x 5.8mm L
Note: *Used as rotor spacer in 1st production CS130D. 2nd production CS130D used 46-1621 rotor spacer.



46-1618
Spacer - Rotor

For: Delco CS130 Series IR/EF Alternators
Replaces: Delco 10469875
Dim: 17mm ID x 25.5mm OD x 1mm T
Note: Used in alternators w/ 6303 D.E. bearing



46-1619-1
Spacer - Rotor

For: Delco CS144 Series 124-145A IR/EF Alternators
Replaces: Delco 10470412
Dim: 17mm ID x 25.5mm OD x 6.5mm L
Note: Used in CS144 series alternators w/ 6303 D.E. bearing & 124-145 amp rotors



46-1620
Taper Collar - Pulley

For: Delco 12SI Series IR/EF Alternators
Used On: GMC Truck w/ Cummins 3.9L, 5.9L (Diesel) Engine
Replaces: Cummins 3908563
Dim: 17mm ID x 20mm OD* x 13.5mm L
Note: Used w/ 24-1270 8-groove pulley.
*OD at small end of tapered cone.



46-1621
Spacer - Rotor

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators
Dim: 17mm ID x 40.1mm OD x 6.1mm L

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1622

Taper Collar - Pulley

For: Delco 10SI, 15SI, CS130 Series IR/EF Alternators

Used On: Freightliner

Replaces: Delco 1987801

Dim: 17mm ID x 22mm OD* x 17mm L

Note: Used w/ 24-1276 8-groove pulley.

*OD at small end of tapered cone.



46-1625

Spacer - Rotor

For: Delco CS121D Series IR/IF Alternators

Used On: (2002-97) Saturn

Unit Nos: Delco 21023969, 21024727

Lester Nos: 8232

Dim: 17mm ID x 46.7mm OD x 10.2mm L



46-1700

Washer Plate - Relay Term.

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators

Dim: 7.5mm (5/16") ID

Note: Included in 49-1506, 49-1518 relay terminal kits



46-1702

Debris Shield - D.E. Frame

For: Delco 25SI, 30SI Series IR/EF Alternators

Replaces: Delco 1968891



46-1703

Bracket - Volt. Adj. Block

For: Delco 10SI, 27SI/Type 200 Series IR/EF Alternators

Replaces: Delco 1852043, 1952043



46-1704

Capacitor Retainer

For: Delco 10DN Series ER/EF Alternators

Replaces: Delco 1960750



46-1705

Debris Shield - D.E. Bearing

For: Delco 20SI, 27SI/Type 200, 29SI Series IR/EF Alternators

Replaces: Delco 1969070



46-1707

Cover - S.R.E. Bearing

For: Delco AD230, AD237, AD244 Series IR/IF Alternators

Lester Nos: 8235, 8237, 8238, 8241, 8244, 8245, 8247, 8273, 8277, 8278, 8285, 8286, 8287, 8290

Dim: 14.9mm ID x 32mm OD



46-1800

Dust Cap - Rectifier End Bearing

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1876813



46-1801

Repair Harness - Regulator

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100 Series IR/EF Alternators

Note: Fits plug code 151



46-1803

Repair Harness - Regulator

For: Delco CS121, CS130, CS144 Series IR/EF Alternators

Note: For test lead use WAA9SI.



46-1804

(Best Value)

DNM440

(Transpo)

Regulator Plug Adapter

3-Terminal, wo/ Built-In Circuitry

For: Delco CS121 Series IR/EF Alternators

Used On: Geo, Toyota

Unit Nos: Delco 1101626*, 10479805; Toyota 27060-02020, 27060-74200*

Note: *D440-1 regulator & 46-1804 (DNM440) plug adapter will replace the earlier design, 3-terminal plug adapter w/ built-in circuitry & Delco 1116411 regulator.

Converts plug code 310 to 280.

Components:

41-1103 Gasket

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1805

2-Wire Plug Connection

For: Delco 10SI/Type 110 Series IR/EF Alternators

Used On: Mercury Marine
Replaces: Delco 1988381

Unit Nos: Delco 1100180, 1100267, 1103113, 1103114, 1103193, 1105064, 1105065, 1105078, 1105088, 1105097

Note: w/ diode. Used in the spark arresting cover mounted on the S.R.E. frame.



46-1806-1

Regulator Plug Adapter 3-Terminal, Oval Shape

For: Delco CS121 Series IR/EF Alternators

Used On: (1995-93) Geo, Toyota

Unit Nos: Delco 10480095, 10480096

Note: Converts plug code 310 to 312. Includes mounting bracket



46-1807

Adapter Plug 2-Terminal

For: Delco CS121 Series IR/EF Alternators

Used On: (1990) Geo, Isuzu

Replaces: Delco 10470731

Unit Nos: Delco 1101584, 1101639

Note: 46-1807 is an aftermarket repair for the Delco 2-terminal plug adapter that was prone to failure. 46-1807 is used with the original Delco 1116411 (D411) regulator. Converts plug code 310 to 282. Allows use of D411 regulator in D440 application.



46-1810

(Ref# WAA130D)

Repair Harness - Regulator 4-Wire

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators

Note: Fits plug codes 313 and 314



46-1850

Bracket - Capacitor

For: Delco 10SI, 12SI, 15SI, 17SI, 20SI, 27SI, 29SI, 30SI Series IR/EF Alternators

Replaces: Delco 1869573



46-1851

Resistor

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100 Series IR/EF Alternators

Replaces: Delco 830478

Dim: 40 ohm



46-1852

Resistor & Reg. Sense Terminal

For: Delco 17SI Series IR/EF Alternators

Replaces: Delco 1984826

Unit Nos: Delco 1100278, 1105491, 1105613, 1105656, 10479858, 10479870

Dim: 200 ohm



46-1853

Voltage Adjustment Block

For: Delco 10SI/Type 116, 27SI/Type 200, 30SI Series IR/EF Alternators

Replaces: Delco 801548

Note: Used w/ 46-1854 voltage-adjustment cap



46-1855

Transformer

For: Delco 30SI/TR Series IR/EF Alternators

Replaces: Delco 1979131

Note: Included in 48-133 transformer rectifier assy.



46-1856

Baffle - Internal

For: Delco CS130 Series IR/EF Alternators

Replaces: Delco 1989655

Dim: 60.5mm ID

Note: Used in most CS130 applications. Also see 46-1862 baffle w/ larger 72.5mm ID.

Features:

- OE design

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



46-1856-3

Baffle - Internal

Same as 46-1856 except...

Features:

- Designed with round stator lead holes instead of oval for ease of installation if stator leads are twisted or have excess solder on them
- Designed with access hole eliminating the need to desolder stator leads and remove baffle to tighten battery terminal
- Saves time when converting round or square battery terminal posts
- WAI exclusive design



46-1856-4

Baffle - Internal

Same as 46-1856 except...

Features:

- Open stator lead slots allow removal and installation of assembled stator/rectifier assys.



46-1857

Baffle - Internal

For: Delco CS121 Series IR/EF Alternators

Note: Used in most CS121 applications. Also see 46-1867 baffle w/ mounting pins at different locations.



46-1858

Rectifier Cover

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 1989665, 10470733



46-1860

Spark Arresting Screen

For: Delco 10SI/Type 110 Series IR/EF Alternators

Used On: Mercury Marine

Replaces: Delco 1976482

Features:

- 3-piece design



46-1861

Pin - Baffle & Cover

For: Delco CS121, CS130 Series IR/EF Alternators

Note: Replacement pin used in 46-1400, 46-1401, 46-1402 S.R.E. covers; 46-1856, 46-1857, 46-1862, 46-1867 fan baffles



46-1862

Baffle - Internal

For: Delco CS130 Series IR/EF Alternators

Used On: (1998-92) Buick, Chevrolet, Oldsmobile, Pontiac

Replaces: Delco 10474090

Unit Nos: Delco 10479998, 10480105, 10480265

(cont'd.)

(cont'd.)

Lester Nos: 8130, 8225

Dim: 72.5mm ID

Note: Large 72.5mm ID for Delco rotors with plastic version of metal fan. For baffle used in most CS130 applications see 46-1856.



46-1864

Repair Pin - S.R.E. Cover

For: Delco CS121, CS130 Series IR/EF Alternators

Note: 46-1864 is a repair pin & locking mechanism for 46-1400, 46-1401, 46-1402 S.R.E. covers.

To install:

- Break off damaged lock tab from the cover
- Drill the existing hole to 5/32"
- Install 46-1864 repair pin.



46-1865

Repair Pin - Fan Baffle

For: Delco CS121, CS130 Series IR/EF Alternators

Note: 46-1865 is a repair pin & locking mechanism for 46-1856, 46-1857, 46-1862, 46-1867 fan baffles.

To install:

- Break off damaged lock tab from the baffle
- Drill the existing hole to 13/64"
- Install 46-1865 repair pin.



46-1867

Baffle - Internal

For: Delco CS121 Series IR/EF Alternators

Used On: (1993-88) Pontiac

Replaces: Delco 10495213

Unit Nos: Delco 1101531, 1101563, 1101564, 1101816

Note: Similar to 46-1857 baffle used on most CS121 applications except for location of mounting pins

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-1868 Resistor

For: Delco 27SI/Type 200 Series IR/EF Alternators
Dim: 150 ohm
Note: Connects from battery terminal to pin-type R-terminal for faster cut-in speed



46-1869 (Ref# WAA10C)

Adapter Plug Extension

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI Series IR/EF Alternators
Note: Extends wire harness to allow for additional clock positions.
 Fits plug code 151



46-1870 Baffle - Internal

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232



46-1873 Adapter Plug

For: Delco 10SI Series IR/EF Alternators
Used On: AMC
Replaces: AMC 8128393, Ref# S-3300
Note: Anti-Feed Back Harness for 10SI equipped AMC. Eliminates ignition feed back.



46-2502

Bearing Retainer - D.E. Frame

For: Delco 21SI, 22SI Series IR/EF; Ford 1G Truck 65-90A ER/EF Alternators
Replaces: Delco 10467271; Ford C7TZ-10A355-A, GY-840



46-2602 Spacer - Packaging

For: Delco 10DN, 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF, 3G Series IR/IF Alternators
Dim: 17mm ID x 20mm OD x 16.5mm L
Note: Metal spacer used to secure fan when testing & packaging alternators wo/ pulley.
 For paper tube version use 89-902.



46-5550 Repair Bushing

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF, Leece-Neville 2300-2800JB Series Alternators
Dim: 1/2" ID x 3/4" OD x 17/32" L
Note: 46-5550 repair bushing is for salvaging worn D.E. housings where the bottom mounting foot hole has been worn egg-shaped



48-133

Transformer Rectifier Assembly

For: Delco 30SI/TR Series, Neg. Grd. IR/EF Alternators
Replaces: Delco 1979174
Components:
 46-1855 Transformer
 DR5040-1 Rectifier

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



49-1103 Repair Kit

For: Delco 27SI/Type 200 Series, 12V Neg. Grd. IR/EF Alternators
Note: Same as 49-1701 small parts kit, except 49-1701 does not contain brush holder Assy, rectifier and regulator.

Components:

- 6-305-4 Ball Bearing
- 8-109 Needle Bearing
- 39-105 Brush Holder Assy.
- 41-1300 Relay Term. Boot
- 41-1307 Regulator Plug
- 42-1302 Battery Term. Insulator
- 42-1304 Relay Term. Insulator
- 46-1101 Capacitor
- 46-1154 Relay Terminal
- 46-1159 Battery Terminal
- 46-1252 Wire Lead
- 46-1304 Connector
- 46-1305 Connector
- 46-1502 Bearing Retainer
- 46-1557 Rotor Seal
- 46-1605 Rotor Spacer
- 46-1606 Spacer - Fan
- 46-1705 Debris Shield
- 46-1850 Capacitor Bracket
- 84-1202 Screw w/ Insulator
- 84-1212 Screw
- 84-1214 Screw
- 84-1218 Screw
- 84-1323 Screw
- 84-1407 Thru Bolt
- 84-2200 Hex Nut
- 84-2201 Hex Nut
- 84-2306 Hex Nut
- 84-2601 Hex Nut
- 84-4401 Split Lock Washer
- 84-4609-1 Flat Washer
- 84-5900 Split Roll Pin
- 84-7200 Insulating Washer
- 84-7300 Insulating Washer
- 89-900 Packaging Spacer
- D33-1 (35-126-2) Regulator
- D1001 (33-102) Diode Trio
- DR5080-1 (31-109) Rectifier



49-1107 Regulator Conversion Kit

For: Delco 25SI Series 12V IR/EF Alternators
Replaces: Delco 10457103, D692
Note: Replaces 25SI series regulator with 26SI series regulator

Components:

- 33-106 Diode Trio
- 42-1303 Insulator, Brush Holder Screw
- 76-1600-1 Grd. Lead
- 84-1207 Screw 8-32 x 1-1/2 L
- 84-1225 Screw 8-32 x 1 L
- 84-1226 Screw 8-32 x 31/32 L
- 84-1237 Screw 8-32 x 2-1/8 L
- 84-2201 Kep Nut 8-32
- 84-4203 Flat Washer
- D33-1 (35-126-2) Regulator

Features:

- Super-low cut-in speed
- Increased alternator output
- Increased reliability
- Includes diode trio/capacitor, mounting plate, hardware, wire leads
- Can replace positive or negative ground 25SI regulators



49-1108 Regulator Conversion Kit

For: Delco 25SI Series 24V Neg. Grd. IR/EF Alternators
Replaces: Delco 10457127, D693
Note: Replaces 25SI series regulator with 26SI series regulator

Components:

- 33-106 Diode Trio
- 42-1303 Insulator
- 84-1207 Screw 8-32 x 1-1/2 L
- 84-1225 Screw 8-32 x 1 L
- 84-1226 Screw 8-32 x 31/32 L
- 84-1237 Screw 8-32 x 2-1/8 L
- 84-2201 Kep Nut 8-32
- D104HD-1 (35-106) Regulator

Features:

- Over-voltage protection (secondary regulation)
- Includes diode trio/capacitor, mounting plate, hardware, wire lead

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



49-1118 Repair Kit

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators

Components:

- 6-305-4 D.E. Bearing
- 8-107 Needle Bearing
- 8-108 Bearing Inner Race
- 41-1100 Gasket, Rectifier Cover
- 41-1101 Gasket, Bearing Retainer
- 41-1300 Boot, Relay Terminal
- 41-1302 Grommet, Lead Support
- 41-1303 Boot, Battery Terminal (Red)
- 41-1702 Seal, D.E. Bearing
- 42-1101 Insulator, Rectifier
- 42-1300 Insulator No. 8 ID
- 46-1160 Batt. Term., Female (7/16-14 Hole)
- 46-1161 Battery Terminal, Male (7/16-14)
- 46-1550 Mounting Bushing
- 46-1800 Bearing Cover Plug
- 84-1207 Screw 8-32 x 1-1/2 L
- 84-1312 Screw 10-24 x 1-3/8 L
- 84-1313 Screw 10-24 x 3/4 L
- 84-1339 Screw 10-24 x 13/16 L
- 84-1363 Thru Bolt
- 84-2601 Hex Nut, Pulley
- 84-4300 External Tooth Lock Washer, No. 10 ID
- 84-4609-1 Flat Washer, Pulley



49-1120 Repair Kit - Rotor

For: Delco CS130D Series IR/IF Alternators

Components:

- 28-1413-1 Fan
- 28-1432 Insulator
- 28-1856 Slip Ring
- 84-1102 Screws



49-1500 Terminal Kit - Ground

For: Delco 10DN Series ER/EF Alternators

Replaces: Delco 1959833

Dim: 10-32 x 1-1/4 L Terminal

Components:

- 42-1301 Insulator
- 46-1152 Ground Terminal
- 84-2305 Kep Nut 10-32
- 84-7300 Insulating Washer



49-1501 Terminal Kit - Battery

For: Delco 10DN Series ER/EF Alternators

Replaces: Delco 1959832

Dim: 12-24 x 1-3/8 L Terminal

Components:

- 42-2300 Insulator
- 46-1151 Battery Terminal
- 84-2306 Hex Nut 12-24
- 84-7300 Insulating Washer



49-1502 Terminal Kit - Battery Metric

For: Delco 10SI, 12SI, 15SI, 17SI, 21SI, 22SI, CS144 Series IR/EF Alternators

Replaces: Delco 1975471, 10479702

Dim: 12-24 Int., M6 x 1.0 Ext. Terminal

Components:

- 42-1302 Insulator
- 46-1157 Battery Terminal
- 84-2306 Kep Nut 12-24
- 85-2301 Hex Nut M6 x 1.0

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



49-1503

Terminal Kit - Battery Standard

For: Delco 10SI Series IR/EF Alternators

Replaces: Delco 1846900

Dim: 12-24 Int., 12-24 Ext. Terminal

Components:

- 42-1302 Insulator
- 46-1156 Battery Terminal
- 84-2306 Kep Nut 12-24



49-1506

Terminal Kit - Relay

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1894627

Components:

- 42-1300 Insulator
- 42-1304 Insulator
- 46-1154 Relay Terminal
- 46-1700 Washer Plate
- 84-2201 Kep Nut 8-32
- 84-4203 Flat Washer



49-1509

Terminal Kit - Battery Standard

For: Delco 27SI/Type 100, 200 Series IR/EF Alternators

Replaces: Delco 1846901

Dim: 12-24 Int., 12-24 Ext. Terminal

Components:

- 42-1302 Insulator
- 46-1159 Battery Terminal
- 84-2306 Kep Nut 12-24
- 84-7300 Insulating Washer



49-1504

Terminal Kit - Relay

For: Delco 10SI, 12SI, 15SI, 17SI Series IR/EF Alternators

Replaces: Delco 1851714

Components:

- 41-1300 Boot
- 42-1304 Insulator
- 46-1154 Relay Terminal
- 46-1300 Connector
- 84-2201 Kep Nut 8-32
- 84-7200 Insulating Washer



49-1507

Terminal Kit - Battery

For: Delco 25SI, 26SI Series Neg. Grd. IR/EF Alternators

Replaces: Delco 1971674

Dim: 1/4-20 Post Int., 7/16-14 Hole Ext. Terminal

Components:

- 41-1303 Boot, Red
- 41-1311 Insulator
- 46-1160 Battery Terminal
- 84-2405 Hex Nut 1/4-20
- 84-4401 Lock Washer
- 84-4403 Flat Washer



49-1511

Terminal Kit - Relay

For: Delco 27SI Series IR/EF Alternators

Replaces: Delco 1852519

Components:

- 41-1300 Boot
- 42-1304 Insulator
- 46-1154 Relay Terminal
- 46-1305 Connector
- 84-2201 Kep Nut 8-32
- 84-7200 Insulating Washer



49-1505

Terminal Kit - Battery

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1894626, 1974414

Dim: 1/4-28 x 1-3/16 L Terminal

Components:

- 42-1306 Insulator
- 46-1153 Battery Terminal
- 84-2406 Hex Nut 1/4-28
- 84-4401 Lock Washer
- 84-4403 Flat Washer
- 84-7400 Insulating Washer



49-1512

Ground Connector Kit

For: Delco 10SI/Type 110 Series IR/EF Alternators

Used On: Marine Applications

Replaces: Delco 801591

Components:

- 46-1315 Connector
- 84-1331 Screw 10-32

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



49-1514

Terminal Kit - Battery

For: Delco 30SI Series IR/EF Alternators

Replaces: Delco 1876897, 10497168

Dim: 1/4-28 x 1-1/2 L Terminal

Components:

- 42-1104 Insulator, Square Hole
- 42-1308 Insulator, Round Hole
- 46-1164-1 Battery Terminal
- 84-2404 Nut 1/4-28
- 84-4401 Lock Washer
- 84-4403 Flat Washer



49-1515

Terminal Kit - Transformer Rectifier

For: Delco 30SI/TR Series IR/EF Alternators

Dim: 10-32 x 15/16 L Term.

Components:

- 42-1104 Insulator, Square Hole
- 42-1305 Insulator, Rectifier Screw
- 42-1308 Insulator, Round Hole
- 84-2310 Hex Nut 10-32
- 84-4304 Flat Washer
- 84-4309 Lock Washer



49-1516

Terminal Kit - Battery

For: Delco CS121, CS130 Series IR/EF Alternators

Replaces: Delco 10497130

Dim: M5 x 0.8 Int.,
M6 x 1.0 Ext. Terminal

Components:

- 42-1309 Insulator
- 46-1167 Battery Terminal
- 85-2300 Kep Nut M5 x 0.8
- 85-2301 Hex Nut M6 x 1.0



49-1518

Terminal Kit - Relay

For: Delco 20SI, 29SI, 33SI, 34SI Series IR/EF Alternators

Replaces: Delco 1976903

Dim: 8-32 Int., 10-24 Ext. Terminal

Components:

- 42-1300 Insulator
- 42-1304 Insulator
- 46-1172 Relay Terminal
- 46-1700 Washer, Plate
- 84-2201 Kep Nut 8-32
- 84-2308 Hex Nut 10-24
- 84-4203 Flat Washer
- 84-4309 Lock Washer



49-1519

Terminal Adapter Kit - Battery

For: Delco CS130, CS144 Series IR/EF Alternators

Dim: M6 x 1.0 Holes, 21mm L

Note: For converting alternators

w/ 46-1167 round battery terminal to square battery terminal

Components:

- 46-1173 Terminal Adapter



49-1521

Terminal Kit - Battery

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10456417

Dim: 12-24 Int., 1/4-28 Ext. Terminal

Components:

- 42-1302 Insulator
- 46-1175 Battery Terminal
- 84-2306 Kep Nut 12-24
- 84-2406 Hex Nut 1/4-28
- 84-4401 Lock Washer

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



49-1522

Terminal Kit - Battery

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10456427

Dim: 12-24 Int., 5/16-18 Ext. Terminal

Components:

- 42-1302 Insulator
- 46-1174 Battery Terminal
- 84-2306 Kep Nut 12-24
- 84-2407 Hex Nut 5/16-18
- 84-4402 Lock Washer



49-1523

Terminal Kit - Relay

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10479701

Dim: 8-32 Int., 10-24 Ext. Terminal

Note: Similar to 49-1527 except 49-1527 includes anti-feedback diode

Components:

- 42-1312 Insulator
- 46-1184 Relay Terminal
- 84-2200 Hex Nut 8-32
- 84-2308 Hex Nut 10-24
- 84-4201 Lock Washer No. 8
- 84-4309 Lock Washer No. 10
- 84-7200 Washer



49-1524

Terminal Kit - Relay, I-Terminal

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10479703

Dim: 8-32 Int., M4 x 0.7 Ext. Terminal

Components:

- 42-1312 Insulator
- 46-1181 Relay Terminal
- 84-2201 Kep Nut 8-32
- 84-7200 Insulating Washer
- 85-2200 Hex Nut M4 x 0.7



49-1525

Terminal Kit - Relay

For: Delco 21SI Series IR/EF Alternators

Replaces: Delco 10457159

Components:

- 42-1312 Insulator
- 46-1154 Relay Terminal
- 84-2200 Hex Nut 8-32
- 84-4201 Lock Washer
- 84-7200 Insulating Washer



49-1526

Terminal Kit - Relay

For: Delco 21SI, 22SI Series IR/EF Alternators

Replaces: Delco 10457159

Dim: 8-32 Int., 10-24 Ext. Terminal

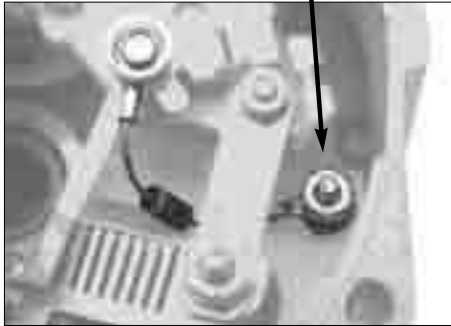
Components:

- 42-1312 Insulator
- 46-1183 Relay Terminal
- 84-2200 Hex Nut 8-32
- 84-2303 Hex Nut 10-24
- 84-4201 Lock Washer No. 8
- 84-7200 Insulating Washer

Features:

- Universal relay terminal that replaces both the 'pin' type and 10-24 threaded relay terminals

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



49-1527

Terminal Kit - I-Terminal

For: Delco 21SI Series IR/EF Alternators

Replaces: Delco 10479701

Dim: 8-32 Int., 10-24 Ext. Terminal

Note: Similar to 49-1523 except 49-1523 does not include anti-feedback diode

Components:

42-1312 Insulator
46-1184 Relay Terminal
84-2200 Hex Nut 8-32
84-2308 Hex Nut 10-24
84-4201 Lock Washer No. 8
84-4309 Lock Washer No. 10
84-7200 Insulating Washer

Features:

- Axial diode is designed for quick installation inside the alternator. Does not have to be spliced into a wire from ignition switch.
- Anti-feedback diode allows alternator to be excited directly from ignition switch while preventing diode-trio feedback that can keep the engine running at shutdown.



49-1701

Small Parts Kit

For: Delco 27SI/Type 200 Series, 12V Neg. Grd. IR/EF Alternators

Note: Small parts kit containing battery terminal, bearings, capacitor, connectors, diode trio, hardware, insulators, relay terminal, seals, spacers, thru bolts. Same as 49-1103 repair kit, except 49-1103 also contains brush holder assy, rectifier and regulator.

Components:

6-305-4 Ball Bearing
8-109 Needle Bearing
33-102 Diode Trio
41-1300 Relay Term. Boot
41-1307 Regulator Plug
42-1302 Battery Term. Insulator
42-1304 Relay Term. Insulator
46-1101 Capacitor
46-1154 Relay Terminal
46-1159 Battery Terminal
46-1252 Wire Lead
46-1304 Connector
46-1305 Connector
46-1502 Bearing Retainer
46-1557 Rotor Seal
46-1605 Rotor Spacer
46-1606 Spacer - Fan
46-1705 Debris Shield
46-1850 Capacitor Bracket
84-1202 Screw w/ Insulator
84-1212 Screw
84-1214 Screw
84-1218 Screw
84-1323 Screw
84-1407 Thru Bolt
84-2200 Hex Nut
84-2201 Hex Nut
84-2306 Hex Nut
84-2601 Hex Nut
84-4401 Split Lock Washer
84-4609-1 Flat Washer
84-5900 Split Roll Pin
84-7200 Insulating Washer
84-7300 Insulating Washer
89-900 Packaging Spacer

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

DELCO (cont'd.)



49-4102

Alternator Conversion Kit

For: Converting Delco 10SI Series Alternators to replace Motorola/Prestolite Alternators w/ 1" or 2" Mtg. Spools and 1- or 3-Mtg. Hole D.E. Frames

Features:

- 49-4102 kit is used w/ common Delco 10SI parts
- Reduce your inventory of Motorola parts. By using 49-4102 kit with a Delco S.R.E. frame assy. you eliminate stocking 16-rectifiers, 16-regulators, 4-rotors, 4-stators, 10-pulleys, 8-S.R.E. frames, 8-D.E. frames & many Motorola small parts.
- Field tested for reliability and acceptability



76-1954

Pipe Plug - Oil Reservoir

For: Delco 10MT, 20MT, 22MT, 25MT, 26SI, 27MT, 30MT, 35MT, 40MT, 50MT, SD300 Series DD Starters

Replaces: Delco 453465, 10040001, 10476561

Dim: 1/8-27 NPT

FORD



25-100

Fan

For: Delco 10DN Series ER/EF, 10SI Series IR/EF; Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators

Replaces: Delco 800594; Ford D9ZZ-10A310-A, E5SZ-10A310-A, E6SZ-10A310-A, E8FZ-10A310-A

Dim: 17mm ID x 136mm OD

25-100-1

Fan

Same as 25-100 except...

Features:

- Zinc-yellow plated



25-106

Fan

For: Delco 27SI/Type 100 Series IR/EF, Ford 1G Series 70-100A ER/EF Alternators

Replaces: Delco 801808; Ford D9AZ-10A310-A, E6DZ-10A310-C, GP-602, GP-626

Dim: 17mm ID x 160mm OD



25-200-1

Fan

For: Ford 2G Series IR/EF Alternators

Replaces: Ford E73Z-10A310-A, GP-624, GP-624-A

Dim: 17mm ID x 140mm OD

Note: Molded plastic & galvanized steel turbo fan



25-201

Fan

For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators

Replaces: Ford D0AZ-10A310-A, GP-496

Dim: 22.35mm (.880") ID x 160mm OD

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



26-213-3

Chrome Plated Alternator Kit

For: Ford 1G Series 40-65A ER/EF Alternators

Lester Nos: 7057, 7058, 7078, 7079



31-2202

Positive Heat Sink

For: Ford 3G Series IR/IF Alternators

Features:

- Nickel plated aluminum positive heat sink is stamped & then coined to assure superb consistency



31-2301

Insulator - Rectifier

For: Ford 3G Series 75-130A, 6G Series 105-135A IR/IF Alternators



31-2603

Circuit Board - Rectifier

For: Ford 6G Series IR/IF Alternators

Unit Nos: Ford 98AZ-10346-EA, 98AZ-10346-FA, F81Z-10346-BA, F81Z-10346-CA, F81Z-10346-DA, F81Z-10346-EA, F81Z-10346-GA, F8AZ-10346-AB, F8RZ-10346-CC, XF2Z-10346-AA, XF2Z-10346-BA, XR3Z-10346-AA, XS8Z-10346-BB

Note: Ford 6G Series used several different circuit boards that are NOT interchangeable. 31-2603 is used w/ 8-diode Y-connected rectifiers and stators with 2-leads/phase.



42-2100

Insulator - Brush Screw

For: Ford 2G Series IR/EF Alternators

Dim: 10.3mm (13/32") OD

Note: With adhesive back



42-2101

Insulator - Field Terminal (Int.)

For: Ford 1G Series 40-65A ER/EF Alternators

Replaces: Ford C5AZ-10329-C, GY-911



42-2102-1

Insulator - Rectifier

For: Ford 3G, 6G Series IR/IF Alternators



42-2300

Insulator - Battery Terminal (Ext.)

For: Delco 10DN Series; Ford 1G Series 40-100A, 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators

Replaces: Ford C5AZ-10329-A, GY-910

Dim: 6.5mm (1/4") ID

Note: Red color. Included in 49-1501 battery terminal kit.



42-2301

Insulator - Field Terminal (Ext.)

For: Ford 1G Series 40-65A ER/EF Alternators

Replaces: Ford C5AZ-10329-D, GY-912

Dim: 5mm (No. 10) ID

Note: White color



42-2302

Insulator - Battery Terminal (Int.)

For: Ford 1G Series 40-65A, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford E2HZ-10A383-A, GY-1347

Dim: 6.5mm (1/4") ID

Note: Red color



42-2303

Insulator - Stator Terminal (Int.)

For: Ford 1G Series 40-65A, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford C5AZ-10A383-B, C9SF-10B304-A

Dim: 5mm (No. 10) ID

Note: Red color

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

FORD (cont'd.)



42-2304

Insulator - Stator Terminal (Ext.)

For: Ford 1G Series 40-65A, 1G Series Truck 65-90A, 1G Series Blue Back Truck 70-90A ER/EF Alternators

Replaces: Ford C5AZ-10329-B

Dim: 5mm (No. 10) ID

Note: Black color



42-2305

Insulator - Rectifier

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford D3VY-10A383-A, GY-1301

Dim: 6.5mm (1/4") ID



42-2306

Insulator - Battery Terminal

For: Ford 3G Series IR/IF Alternators

Dim: 7mm ID

Note: Red color. 1st production design, for 2nd production design use 42-2308.



42-2308

Insulator - Battery Terminal

For: Ford 3G Series IR/IF Alternators

Replaces: Ford F1DZ-10329-A, GY-1410

Dim: 12.6mm ID

Note: Red color. 2nd production design, for 1st production design use 42-2306.



42-2309

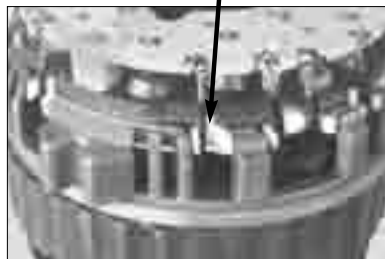
Cap - Regulator Terminal

For: Ford 3G Series IR/IF Alternators

Replaces: Ford F1DZ-10563-A

Dim: 12.8mm OD

Note: Gray color. Cover for brush screw.



42-2310

Insulator - Stator Leads

For: Ford 3G Series 75-95A IR/IF Alternators

Note: Used w/ 133mm dia. heat sink.

Features:

- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.



42-2311

Insulator - Stator Leads

For: Ford 3G Series 115-130A IR/IF Alternators

Note: Used w/ 146mm dia. heat sink.

Features:

- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.

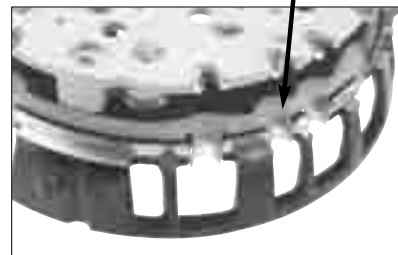


42-2312

Insulator - Batt. Term.

For: Ford 6G Series IR/IF Alternators

Note: Red color



42-2313

Insulator - Stator Leads

For: Ford 6G Series 105A Small Frame IR/IF Alternators

Features:

- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.



42-2314

Insulator - Stator Leads

For: Ford 6G Series 135A Large Frame IR/IF Alternators

Features:

- Designed by WAI
- Insulates the stator leads from the rectifier negative heat sink.



42-2315

Insulator - Battery Terminal

For: Ford 6G Series IR/IF Alternators

Unit Nos: Ford 98AB-10300-FC, 98AZ-10346-FA, XS8Z-10346-AA, XS91-10300-AE, YC1U-10346-DA

Lester Nos: 8254, 8261

Note: Red color



42-2700

Insulator - Stator Lead

For: Ford 3G Series 75-130A IR/IF Alternators

Dim: 25.4mm (1") L

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-2100
Capacitor

For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford C6AZ-18827-A, GY-815
Dim: .5MF



46-2101
Capacitor

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford D2OZ-18827-A, GY-1028
Dim: .5MF



46-2103
Battery Terminal

For: Ford 6G Series IR/IF Alternators
Dim: M6 x 1.0 x 29.5mm L



46-2150
Field Terminal

For: Ford 1G Series 40-65A ER/EF Alternators
Replaces: Ford 379251-S
Dim: 10-32 x 3/4 L



46-2151
Stator Terminal

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford 389343-S
Dim: 10-24 x 1-3/4 L



46-2155
Stator Terminal

For: Ford 1G Series 40-65A ER/EF Alternators
Dim: 10-32 x 1-1/2 L, Twist Lock



46-2156
Battery Terminal

For: Ford 3G Series IR/IF Alternators
Dim: M6 x 1.0 x 36.5mm L



46-2157
Terminal

For: Ford 1G Series Blue Back Truck 75-90A ER/EF Alternators
Replaces: Ford 389342-S8B
Lester Nos: 7712
Dim: 10-24 x 1-3/32 L
Note: Used in 39-205 Brush Holder Assy.



46-2158
Battery Terminal

For: Ford 3G, 6G Series IR/IF Alternators
Unit Nos: Ford F0DF-10300-BA, F0DU-10300-BB, BC; F0DZ-10346-B, C, E; F0PU-10346-AD, F4DU-10300-AA, CA; F4OU-10300-CA, F4PU-10346-CA, F4PZ-10346-C, F58U-10300-AA, AB; F58Z-10346-A, F5PU-10346-CA, F6AU-10300-AA, AB; F6PU-10346-BA, EB; F6PZ-10346-B, EA, RA, F6ZU-10300-AA, AB; F75U-10300-CA, F7PU-10346-JA, KA; F7PZ-10346-JA, KA; F7UU-10300-AB, BB, CB; F8AU-10300-AB, AC; F8AZ-10346-AB, F8ZU-10300-BA, XR3U-10300-AA, XR3Z-10346-AA; GL-278, GL-301, GL-310, GL-342, GL-345, GL-351, GL-372, GL-373, GL-405, GL-407, GL-417, GL-424
(cont'd.)

(cont'd.)

Lester Nos: 7752, 7769, 7776, 7777, 7790, 7794, 7795
Dim: M6 x 1.0 x 61mm OAL
Note: Red color. Used w/ 46-2852 cap in 49-2105 terminal package.



46-2159
Terminal - Stator Lead

For: Ford 2G Series IR/EF Alternators
Note: Female spade terminal used to connect the stator lead to rectifier
Features:

- Continuous strip of 8,000/reel
- Compatible with AMP automated assembly equipment



46-2159-1
Terminal - Stator Lead

Same as 46-2159 except...

Features:

- Made for soldering onto stator lead
- Individual loose terminals
- 100/bag

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

FORD (cont'd.)



46-2159-3

Terminal - Stator Lead

Same as 46-2159 except...

Features:

- Manufactured by OE Supplier
- Available in continuous strip of 10,000/reel
- Compatible with automated assembly equipment



46-2160

Battery Terminal

For: Ford 3G, 6G Series IR/IF Alternators

Used On: (2002-95) Ford, Mercury
Unit Nos: Ford 94BB-10300-AE, AF, AH; 97BB-10300-AC, F4PU-10300-AA, F4PU-10346-AA, F5RZ-10346-A, F6RZ-10346-AA, F7PU-10346-FA, F7RZ-10346-FA, F81U-10300-CC, F81Z-10346-CA; GL-346, GL-386, GL-391, GL-410

Lester Nos: 7774, 7789, 7792, 7798

Dim: M6 x 1.0 x 63mm OAL

Note: White color. Used w/ 46-2852 cap.



46-2161

Terminal Post - Ground

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Dim: 10-24 x 29/32 L



46-2162

Battery Terminal

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Dim: 1/4-20 x 15/16 L



46-2163

Battery Terminal

For: Ford 3G, 6G Series IR/IF Alternators

Unit Nos: Ford F81U-10300-GA, F81Z-10346-GA, XF2U-10300-BC, XF2Z-10346-BA, XL1U-10300-BB, XU2Z-10346-AA; GL-422, GL-426, GL-429

Lester Nos: 7791, 7799, 8253

Dim: M6 x 1.0 x 61mm OAL

Note: Black color. Use w/ 46-2852 cap



46-2164

Battery Terminal

For: Ford 6G Series IR/IF Alternators

Unit Nos: Ford 98AZ-10346-EA, 98BB-10300-CC, F8RZ-10346-CC, XS8Z-10346-BB, XS91-10300-BB; GL-419, GL-431, GL-456

Lester Nos: 8250

Dim: M6 x 1.0 x 63mm OAL



46-2165

Battery Terminal

For: Ford 6G Series IR/IF Alternators

Used On: (2005-02) Ford Taurus, Mercury Sable 3.0L OHV

Unit Nos: Ford 2F1U-10300-DA, 2F1Z-10346-DA

Lester Nos: 8268

Dim: M6 x 1.0 x 54mm OAL

Note: Green color. Used w/ 46-2852 cap.



46-2250

Wire Lead - Brush Holder

For: Ford 1G Series 70-100A ER/EF Alternators

Dim: 70mm (2-3/4") L

Note: Used in 39-201 brush holder Assy.



46-2300

Connector - Stator Terminal

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators



46-2301

Terminal

For: Ford 3G Series IR/IF Alternators

Note: Use to replace worn, stripped or corroded terminals on late style epoxied type brush holders. With brush installed into brush holder, crimp and solder terminal to brush lead.



46-2450

Cover - S.R.E. Frame

For: Ford 4G Series IR/IF Alternators

Unit Nos: Ford F5OY-10346-A, F68Z-10346-AD, F6DZ-10346-B, F6DZ-10346-D, F6LY-10346-A, F6OY-10346-AA, F6ZZ-10346-B, F77Z-10346-AB, F78Z-10346-AA, F8OZ-10346-CA, XL2Z-10346-AA, XL3Z-10346-AA, XW7Z-10346-AA, YF1Z-10346-E

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-2452

Cover - S.R.E. Bearing

For: Ford 6G Series IR/IF Alternators

Dim: 39mm OD

Note: Snaps in place



46-2500

Bearing Retainer - D.E. Frame

For: Ford 1G Series 40-65A;
2G Series IR/EF Alternators

Replaces: Ford D2OZ-10A355-A,
GY-693

Note: Used on later style 5-spoke D.E.
frames



46-2502

Bearing Retainer - D.E. Frame

For: Delco 21SI, 22SI Series IR/EF;
Ford 1G Truck 65-90A ER/EF Alternators

Replaces: Delco 10467271;
Ford C7TZ-10A355-A, GY-840



46-2503

Bearing Retainer - D.E. Frame

For: Ford 3G, 6G Series IR/IF Alternators

Dim: 38mm ID x 56mm OD



46-2504

Bearing Retainer - D.E. Frame

For: Ford 4G Series IR/IF Alternators

Unit Nos: Ford F5OY-10346-A,
F68Z-10346-AD, F6DZ-10346-B,
F6DZ-10346-D, F6LY-10346-A,
F6OY-10346-AA, F6ZZ-10346-B,
F77Z-10346-AB, F78Z-10346-AA,
F8OZ-10346-CA, XL2Z-10346-AA,
XL3Z-10346-AA, XW7Z-10346-AA,
YF1Z-10346-E



46-2505

Tolerance Ring

For: Ford 6G Series IR/IF Alternators

Dim: 27mm ID x 29mm OD x 16mm OAL

Note: Used w/ 10-1051 (B10-50D)
ball bearing w/ 10mm ID x 27mm OD x
11mm W



46-2506

Bearing Retainer - D.E. Frame

For: Ford 6G Series IR/IF Alternators

Used On: (2002-98) Ford 7.3L
w/ Dual Alternators

Unit Nos: Ford F81U-10300-BC, DB,
DC; F81Z-10346-BA, DA

Dim: 33mm ID x 67mm OD

Note: For D.E. frames w/ 10-3043-4 ball
bearing



46-2550

Mounting Bushing - S.R.E. Frame

For: Ford 3G Series IR/IF Alternators

Dim: M10 x 1.5 Int. Thd. x 15.2mm OD
x 20mm L

Note: Used in 22-207, 22-211 S.R.E.
frames



46-2600

Stop Collar - Rotor

For: Ford 1G Series 40-100A ER/EF,
2G Series IR/EF Alternators

Replaces: Ford C5AZ-10A360-A

Dim: 17mm ID x 24mm OD x 4.5mm L



46-2601

Spacer - Fan

For: Ford 1G Series Truck 65-90A,
1G Series Blue Back Truck 70-90A
ER/EF Alternators

Replaces: Ford D0AZ-10A344-A,
GY-974

Dim: 22.23mm ID x 32mm OD x 4mm L



46-2602

Spacer - Packaging

For: Delco 10DN, 10SI, 12SI, 15SI, 17SI,
27SI/Type 100, CS121, CS130, CS144
Series IR/EF Alternators; Ford 1G Series
ER/EF, 2G Series IR/EF, 3G Series IR/IF
Alternators

Dim: 17mm ID x 20mm OD x 16.5mm L

Note: Metal spacer used to secure fan
when testing & packaging alternators
wo/ pulley.

For paper tube version use 89-902.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

FORD (cont'd.)



46-2604
Spacer - Fan

For: Ford 1G Series 40-65A ER/EF, 2G Series IR/EF Alternators

Replaces: Ford C5AZ-10A344-B, GY-808

Dim: 17mm ID x 25.4mm OD x 3.9mm L



46-2605
Stop Collar - Rotor

For: Ford 3G Series IR/IF Alternators

Dim: 17mm ID x 24mm OD x 4.5mm L

Note: Heat treated



46-2606
Spacer - Fan

For: Ford 1G Series 70-100A ER/EF Alternators

Replaces: Ford D2OZ-10A344-A, Ref# S-4203

Lester Nos: 7072, 7705, 7742

Dim: 17mm ID x 22.1mm OD x 8.0mm L



46-2801-1
Repair Harness - Rectifier

For: Ford 2G Series IR/EF Alternators
Note: Use w/ 89-266 or 89-270 electrical contact gel to ensure proper connection. Used in 49-2101 repair kit.

Features:

- 3-wire leads w/ butt connectors & shrink tubing for ease of installation



46-2801-3
Repair Harness - Rectifier

Same as 46-2801-1 except...

Features:

- Plug and leads manufactured by OE Supplier
- High-temperature wire of thin-wall, cross linked polyolefin (type TXL) like OE, stands up to extreme temperatures
- High-temperature silicone seal molded around plug provides moisture-proof seal
- Beryllium-copper terminals for superior memory retention
- Longer stator-terminal lead prevents shorting out against B+ wires
- Open butt connectors for better solder flow
- 3-wire leads w/ butt connectors & shrink tubing for ease of installation



46-2802
(Ref# WAA794)

Repair Harness - Regulator

For: Ford 2G Series IR/EF; 3G, 4G Series IR/IF Alternators

Note: For test lead use WAA784



46-2804
Repair Harness - Stator Terminal

For: Ford 3G Series IR/IF Alternators



46-2805
Terminal Adapter

For: Converting Ford 3G Series IR/IF Alternators to replace Mitsubishi IR/IF Alternators used on Ford Taurus, Tempo, Topaz.

Note: Requires 46-2852 Cap.

Converts Lester# 7755 to replace 13190
7757 to replace 13188



46-2806
(Ref# WAA30)

Repair Harness - Brush Holder

For: Ford 1G Series 70-100A ER/EF Alternators

Lester Nos: 7072, 7074, 7705, 7742

Note: Fits plug code 194



46-2807
Repair Plug - Rectifier

For: Ford 3G Series IR/IF Alternators

Note: Aftermarket designed repair plug used to repair broken locking tab on rectifier.

Use 89-266 electrical contact gel to ensure proper connection.



46-2809
Repair Harness - Regulator

For: Ford 1G Series ER/EF Alternators

Note: For 35-200-1, 35-201 externally mounted regulators

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-2809-1

Repair Harness - Regulator

Same as 46-2809 except...

Features:

- OE-style connector
- Additional leads for lamp and B+ terminal
- With locking tabs



46-2850

Dust Cap - S.R.E. Bearing

For: Ford 3G Series IR/IF Alternators



46-2852

Cap - Battery Terminal

For: Ford 3G, 6G Series IR/IF Alternators

Dim: 28.5mm OD

Note: Used w/ 46-2158, 46-2160, 46-2805 terminals



49-2100

Harness Repair Kit - Rectifier

For: Ford 2G Series IR/EF Alternators

Components:

46-2801-3 Rectifier Repair Harness
89-270 Electrical Contact Gel (Ampule)

Features:

- 3-wire leads w/ butt connectors & shrink tubing for ease of installation
- Includes installation instructions printed on bright-red paper to alert installer



49-2101

Repair Kit

For: Ford 2G Series IR/EF Alternators

Components:

6-203-4 Ball Bearing
8-101-1 Needle Bearing
38-203 Brushes
46-2801-1 Repair Harness
89-270 Dielectric Gel
FR192PXD (31-206-2) Rectifier
F784 (35-202-1) Regulator



WAA600

Repair Harness - Regulator

For: Ford 6G Series IR/IF Alternators

Replaces: Ford 1U2J-14B475-TA,
1U2Z-14S411-TA, WPT-118

Features:

- Premium connector

HITACHI



41-81701

Oil Seal

For: Hitachi IR/EF Alternators
w/ Vacuum Pump

Used On: Hino, Isuzu Truck

Unit Nos: Hitachi LR150-402C,
LR150-449C, LR160-401C,
LR160-422B, LR170-401; LR170-404B,
C; LR170-410; LR170-418B, C;
LR170-502C, LR180-509, LR235-402

Lester Nos: 14653, 14654, 14663,
14735

WAI Ref. Nos: 1-1116-01HI,
1-1129-01HI, 1-1130-01HI, 1-1940-01HI,
1-1940-02HI, 1-2271-01HI, 1-2358-01HI

Dim: 32.2mm OD x 8mm W
Fits 14.8mm Dia. Shaft



42-81302

Insulator - Battery Terminal

For: Hitachi IR/IF Alternators

Used On: (1994-86) Nissan

Unit Nos: Hitachi LR165-707, B;
LR170-715, B; LR170-716, B;
LR180-715, LR170-738C, LR180-719,
LR180-729

Lester Nos: 13250, 13273, 13327,
13334, 14241, 14242

WAI Ref. Nos: 1-1102-01HI,
1-1120-01HI, 1-1126-01HI, 1-1126-02HI,
1-1128-01HI, 1-1423-01HI, 1-1425-01HI

Dim: 6mm ID x 11mm OAL

Note: Black color

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

HITACHI (cont'd.)



42-81303

Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR160-724, LR180-725, B, C, E; LR180-736B,
Lester Nos: 13287, 13329, 13474, 13531
WAI Ref. Nos: 1-1118-01HI, 1-1120-01HI, 1-1427-01HI, 1-1953-01HI
Dim: 6.5mm Square Hole
Note: Black color. Used w/ 42-81313 inside insulator.



42-81304

Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-84) Infiniti, Nissan
Unit Nos: Hitachi LR170-22, LR170-701B, LR170-702B, LR170-713, LR170-717, LR170-721, LR170-734B; LR170-739, B, LR180-704, LR180-724, LR190-704, B; LR190-706, LR190-709, B; LR190-711, LR190-714
Lester Nos: 13262, 13285, 13324, 13533, 14651, 14655, 14661, 14717, 14749, 14752, 14979
WAI Ref. Nos: 1-1098-01HI, 1-1105-01HI, 1-1105-02HI, 1-1107-01HI, 1-1119-01HI, 1-1122-01HI, 1-1134-01HI, 1-1429-01HI, 1-1477-01HI, 1-1533-01HI
Dim: 6mm ID x 10mm OAL
Note: Black color



42-81306

Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-90) Subaru
Unit Nos: Hitachi LR170-732B, C
Lester Nos: 13275
WAI Ref. Nos: 1-1257-01HI
Dim: 6mm x 10mm Rectangular Hole
Note: Black color



42-81308

Insulator - Battery Terminal

For: Hitachi IR/EF Alternators
Used On: (1994-78) Case, Nissan, Subaru; Hino, Isuzu Truck
Unit Nos: Hitachi LR120-15, LR120-23, LR125-34, LR135-61B, LR135-86F; LR135-95, B; LR135-115, LR135-116, LR135-127, LR135-128, LR140-130P, LR150-94B; LR150-98, B; LR150-99, B; LR150-125B; LR150-133B, C, E; LR150-165, LR150-177, LR150-194, LR150-401, LR150-402, LR150-434B, LR155-23, LR160-42B, LR160-96B; LR160-97B, C; LR160-121, LR160-124, LR160-137, LR160-138, LR160-401, LR170-14, LR170-410; LR170-418B, C; LR220-23, LR235-402
Lester Nos: 12129, 14185, 14231, 14255, 14300, 14586, 14587, 14613, 14615, 14647, 14652, 14653, 14654, 14659, 14665, 14721, 14735, 14742, 14744, 14745, 14751
Dim: 5mm ID
Note: Black color



42-81309

Insulator - Battery Terminal

For: Hitachi IR/EF Alternators
Used On: (1994-78) Nissan, Subaru
Unit Nos: Hitachi LR150-98; LR155-15B, C; LR150-125B, LR150-177, LR160-82B, LR160-109, LR160-137, LR160-138
Lester Nos: 14255, 14300, 14301, 14303, 14585, 14587, 14592, 14647, 14742, 14744, 14745, 14746, 14747
WAI Ref. Nos: 1-1096-01HI, 1-1104-01HI, 1-1109-01HI, 1-1253-01HI, 1-1567-01HI, 1-1593-01HI, 1-1593-02HI
Dim: 5mm ID
Note: Red color



42-81310

Insulator - Battery Term. (Internal)

For: Hitachi IR/IF Alternators
Used On: (2001-95) Infiniti, Mazda, Nissan, Subaru
Unit Nos: Hitachi LR160-727, LR170-757B, LR170-758, LR180-509, LR180-741H, LR180-742, LR180-744, LR185-701, LR185-702, LR190-724; LR190-737B, E; LR1100-709, B, LR1100-711B, LR1100-716; LR1110-705, B; LR1110-707C, E, F; LR1110-709, B; LR1125-702, B, LR1125-702F
Lester Nos: 13612, 13636, 13639, 13640, 13641, 13642, 13644, 13645, 13657, 13712, 13713, 13760, 13778, 13788
Dim: 8mm ID
Note: Black color. Used w/ 42-81311 outside insulator.



42-81311

Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (2001-95) Infiniti, Nissan
Unit Nos: Hitachi LR160-727, LR170-757B, LR180-741H, LR180-742, LR180-744, LR190-724; LR190-737B, E; LR1100-709, B; LR1100-711B, LR1100-716; LR1110-705, B, C, E, F; LR1110-709, LR1110-709B; LR1125-702, B, F
Lester Nos: 13612, 13636, 13639, 13640, 13641, 13642, 13644, 13657, 13712, 13713, 13760, 13778
WAI Ref. Nos: 1-1921-01HI, 1-2002-01HI, 1-2013-01HI, 1-2014-01HI, 1-2093-01HI, 1-2098-01HI, 1-2103-01HI, 1-2152-01HI, 1-2191-01HI, 1-2192-01HI, 1-2193-01HI, 1-2231-01HI, 1-2268-01HI, 1-2379-01HI
Dim: 8mm ID x 27mm OD
Note: 10mm L locating tab. Used w/ 42-81310 inside insulator. Similar to 42-81312 except 42-81312 has 8mm L locating tab.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



42-81312

Insulator - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1999-95) Infiniti, Nissan
Unit Nos: Hitachi LR170-745; LR170-748, B; LR180-751, LR190-729, LR1100-704B
Lester Nos: 13637, 13638, 13643, 13724, 13728
WAI Ref. Nos: 1-2001-01HI, 1-2091-01HI, 1-2092-01HI, 1-2124-01HI, 1-2125-01HI
Dim: 8mm ID x 27mm OD
Note: 8mm L locating tab. Similar to 42-81311 except 42-81311 has 10mm L locating tab.



42-81313

Insulator - Internal

For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR160-724, LR180-725, B, C, E; LR180-736B
Lester Nos: 13287, 13329, 13474, 13531
WAI Ref. Nos: 1-1118-01HI, 1-1120-01HI, 1-1427-01HI, 1-1953-01HI
Dim: 7mm Square Hole
Note: Black color. Used w/ 42-81303 outside insulator.



46-81101

Capacitor

For: Hitachi IR/IF; Nippondenso IR/IF Alternators
Used On: (1991-84) Nissan, Toyota
Unit Nos: Hitachi LR170-701B, LR170-702B, LR170-713, LR170-721, LR180-704, LR190-704, LR190-709; Nippondenso 100211-839
 (cont'd.)

(cont'd.)

Lester Nos: 13276, 14651, 14655, 14661, 14717, 14752
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI, 1-1122-01HI, 1-1421-01ND, 1-1533-01HI
Dim: .5MF
 6mm Eyelet
 101mm Lead Length



46-81103

Capacitor

For: Hitachi IR/EF Alternators
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR150-434B, LR150-449C, LR170-401, LR170-410, LR170-418B, LR170-418C
Lester Nos: 14735
WAI Ref. Nos: 1-1940-01HI, 1-1940-02HI, 1-2271-01HI



46-81104

Capacitor

For: Hitachi IR/IF Alternators
Used On: (1999-95) Honda, Infiniti, Isuzu, Nissan, Subaru
Unit Nos: Hitachi LR160-725C, -727, -730C, -731; LR170-748, -748B, -755; LR180-741H, -742, -744, -751; LR185-702; LR190-724, -729, -729C; LR1100-704B, LR1125-702B
Lester Nos: 13612, 13636, 13637, 13638, 13640, 13641, 13642, 13644, 13645, 13724, 13728, 13744, 13745, 13757, 13775
WAI Ref. Nos: 1-1921-01HI, 1-2001-01HI, 1-2002-01HI, 1-2013-01HI, 1-2014-01HI, 1-2015-01HI, 1-2089-01HI, 1-2089-02HI, 1-2090-01HI, 1-2092-01HI, 1-2093-01HI, 1-2124-01HI, 1-2125-01HI, 1-2152-01HI, 1-2180-01HI
Dim: 1.5MF



46-81150

Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-85) Nissan
Unit Nos: Hitachi LR170-713; LR170-721, B; LR180-704; LR190-704, B; LR190-709, B; LR190-711
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI
Dim: M6 x 1.0 Int., M4 x 0.7 Ext.
Note: Used in IHR718 rectifier



46-81151

Battery Terminal

For: Hitachi IR/IF Alternators
Unit Nos: Hitachi LR160-727, LR180-509, LR180-741H, LR180-744; LR1125-702, B
Lester Nos: 13612, 13636, 13640, 13644
WAI Ref. Nos: 1-1921-01HI, 1-2002-01HI, 1-2093-01HI, 1-2152-01HI, 1-2358-01HI
Dim: M6 x 1.0 x 17mm L w/ 8.5mm Knurl OD
Note: Used in IHR773, IHR778 rectifiers



46-81152

Battery Terminal

For: Hitachi IR/IF Alternators
Unit Nos: Hitachi LR170-745; LR170-748, B; LR190-729
Lester Nos: 13637, 13638, 13643
WAI Ref. Nos: 1-2001-01HI, 1-2091-01HI, 1-2124-01HI
Dim: M8 x 1.25 x 46.5mm L w/ 8.5mm Knurl OD
Note: Used in IHR746 rectifier

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

HITACHI (cont'd.)



46-81200

Terminal Block

For: Hitachi IR/EF Alternators
Used On: (1989-86) Nissan
Unit Nos: Hitachi LR160-151
Lester Nos: 14660
WAI Ref. Nos: 1-1117-01HI



46-81201

Terminal Block

For: Hitachi IR/EF Alternators
Used On: (1989-85) Nissan
Unit Nos: Hitachi LR150-94B, LR150-194B, LR150-197B
Lester Nos: 14659
WAI Ref. Nos: 1-1114-01HI



46-81403

Cover - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (1994-90) Infiniti, Nissan
Unit Nos: Hitachi LR160-723, B; LR160-724; LR180-725, B; LR180-736B
Lester Nos: 13287, 13329, 13474, 13531
WAI Ref. Nos: 1-1118-01HI, 1-1120-01HI, 1-1427-01HI, 1-1953-01HI



46-81407

Cover - Battery Terminal

For: Hitachi IR/IF Alternators
Used On: (2000-95) Infiniti, Nissan, Subaru
 (cont'd.)

(cont'd.)

Unit Nos: Hitachi LR160-727, LR180-509, LR180-741H, LR180-744, LR185-701, LR185-702; LR190-737B, E; LR1100-709B; LR1110-707C, E; LR1110-709, B; LR1125-702, B
Lester Nos: 13612, 13636, 13639, 13640, 13644, 13645, 13712, 13713, 13760

WAI Ref. Nos: 1-1921-01HI, 1-2002-01HI, 1-2015-01HI, 1-2093-01HI, 1-2098-01HI, 1-2103-01HI, 1-2152-01HI, 1-2192-01HI, 1-2193-01HI, 1-2268-01HI, 1-2358-01HI



46-81851

Baffle - S.R.E. Frame

For: Hitachi IR/IF Alternators
Used On: (1994-85) Nissan
Unit Nos: Hitachi LR170-713; LR170-721, B; LR180-704; LR190-704, B; LR190-709, B; LR190-711
Lester Nos: 14651, 14661, 14752
WAI Ref. Nos: 1-1122-01HI, 1-1533-01HI



46-89801

(Ref# WAF02)

Extension Harness

For: Hitachi ER/EF Alternators
Used On: Chevrolet, Subaru
Lester Nos: 14105 to 14191, 14105 to 14223, 14118 to 14202, 14118 to 14222
WAI Ref. Nos: 1-1111-01HI to 1-1524-01HI, 1-1103-01HI to 1-1563-01HI, 1-1103-01HI to 1-1525-01HI
Note: Extends original harness permitting more clock positions. Converts Nissan alternators to Chevrolet Luv, Subaru.



46-89808

(Ref# WAF10)

Adapter Plug

For: Hitachi IR/EF Alternators
Used On: Nissan
Lester Nos: 14255 to 14659
WAI Ref. Nos: 1-1109-01HI to 1-1114-01HI
Note: Converts early style Hitachi alternators w/ T-shaped plug (code 191) to late style alternators w/ oval plug (code 300)



46-89809

Extension Harness

For: Hitachi, Mitsubishi IR/EF, IR/IF Alternators
Used On: Chrysler, Ford, Mazda, Mitsubishi, Nissan
Note: Extends original harness permitting more clock positions



46-89810

P-Terminal Conversion Plug

For: Hitachi, Mitsubishi IR/EF Alternators
Note: Converts units wo/ P-terminal to fit applications requiring a P-terminal (Converts to Lester# 14571, 14592, 14598, 14702)

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



48-8100

Brush Holder/Rectifier/Regulator Assembly

For: Hitachi 60-80A IR/IF Alternators

Used On: (1997-95) Nissan; Nissan Lift Truck

Unit Nos: Hitachi LR160-727, LR180-744

Lester Nos: 13636, 13644

WAI Ref. Nos: 1-2002-01HI, 1-2152-01HI

Components:

39-8116 Brush Holder Assy.

85-3200 Rivets

IH767 Regulator

IHR778 Rectifier

Features:

- 6-Hitachi style press-fit diodes



48-8102

Brush Holder/Rectifier/Regulator Assembly

For: Hitachi IR/IF 85A Alternators

Used On: (1999-96) Subaru Legacy 2.2L

Unit Nos: Hitachi LR185-702

Lester Nos: 13645

WAI Ref. Nos: 1-2015-01HI



49-81500

Terminal Kit

For: Hitachi IR/IF Alternators

Used On: (1994-92) Nissan

Unit Nos: Hitachi LR195-701

Lester Nos: 13477

WAI Ref. Nos: 1-1583-01HI

Dim: M8 x 1.25 x 60mm OAL

Features:

- Made in Japan to OE specifications



WAF06

(Ref# 46-89805)

Adapter Plug

For: Hitachi ER/EF Alternators

Used On: Ford, Mazda

Lester Nos:

14105 to 14194;

14118 to 14196;

14119 to 14207;

14222 to 14196

WAI Ref. Nos:

1-1103-01HI to 1-1147-01MI;

1-1111-01HI to 1-1148-01MI;

1-1525-01HI to 1-1147-01MI;

1-1566-01HI to 1-1158-01MI

Note: Converts 2-Wire Chev. Luv, Nissan, Subaru Alternators to 4-Wire

Ford Courier, Mazda Alternators.



LEECE-NEVILLE

12-24N

Transformer Rectifier

For: Leece-Neville 2500-2800J Series Alternators

Replaces: Leece-Neville 5114T

Note: Negative ground only.

For applications with 24 volt cranking system and 12 volt charging system.

Features:

- Prevents over or under charging
- Solid state - no moving contacts
- 12A maximum charge rate
- Internally current limiting
- Short circuit protected



25-500

Fan

For: Leece-Neville 2300-2800JB, 4425-4750J Series Alternators

Replaces: Leece-Neville 79035

Dim: 22.23mm (7/8") ID x 178mm OD

w/ Keyway



41-5101

Gasket - Brush Holder

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79031

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

LEECE-NEVILLE (cont'd.)



41-5102

Gasket - Brush Holder

For: Leece-Neville 7000-7700 Series Alternators

Replaces: Leece-Neville 57611

Dim:

41.5mm ID x 44.5mm OD x 2.5mm T
1-5/8" ID x 1-3/4" OD x 3/32" T



41-5500

O-Ring - S.R.E. Frame

For: Leece-Neville 7000-7700 Series Alternators

Replaces: Leece-Neville 57597

Dim:

41mm ID x 44.5mm OD x 1.8mm T
1-5/8" ID x 1-3/4" OD x 1/16" T



42-5300

Insulator - Negative Terminal

For: Leece-Neville 2300-2800J, 7000-7700 Series Alternators

Replaces: Leece-Neville 73545

Dim: 6.5mm (1/4") ID



42-5301

Insulator - Positive Terminal

For: Leece-Neville 2300-2800J, 7000-7700 Series Alternators

Replaces: Leece-Neville 73546

Dim: 8.5mm (5/16") ID



42-5302

Insulator - Rectifier

For: Leece-Neville 2300-2800JB; 7000-7700 Series Alternators

Replaces: Leece-Neville 73547

Dim: 5mm (No. 10) ID



42-5303

Insulator - Negative Terminal

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79070

Dim:

6.5mm ID x 19mm OAL
1/4" ID x 3/4" OAL

Note: Late style 1-piece design.
Replaces early 2-piece design.



42-5304

Insulator - Positive Terminal

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79071, 96851

Dim:

8mm ID x 19mm OAL
5/16" ID x 3/4" OAL

Note: Late style 1-piece design.
Replaces early 2-piece design.



46-5101

(Ref# L96545)

Capacitor

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: IHC 461048C1, Leece-Neville 96545

Dim: .5MF

Note: Late style capacitor
(no mtg. bracket required).

For early style capacitor use L73541.



46-5150

Relay Terminal

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79036

Dim: 10-32



46-5151

Terminal Post - Negative

For: Leece-Neville 2300-2700JB Series Alternators

Replaces: Leece-Neville 71197

Dim: 1/4-20 x 2-1/2 L



46-5152

Terminal Post - Positive

For: Leece-Neville 2300-2700JB Series Alternators

Replaces: Leece-Neville 78997

Dim: 5/16-18 x 2 1/2 L



46-5153

Terminal Post - Negative

For: Leece-Neville 7000-7700 Series Alternators

Replaces: Leece-Neville 58432

Dim: 1/4-20 x 1-3/4 L



46-5154

Terminal Post - Positive

For: Leece-Neville 7000-7700 Series Alternators

Replaces: Leece-Neville 58431, 78336

Dim: 5/16-18 x 1-3/4 L

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-5157

Terminal Post - Negative, Positive

For: Leece-Neville 2800J Series Alternators

Replaces: Leece-Neville 97086

Dim: 5/16-18 x 3-7/16 L



46-5159

Terminal Connector - Diode Wire Lead

For: Leece-Neville 2300-2800J Series Alternators

Note: Round eyelet terminal



46-5160

Terminal Connector - Diode Wire Lead

For: Leece-Neville 2300-2800J Series Alternators

Note: Square sided eyelet terminal



46-5200

Terminal Plate

For: Leece-Neville 4400-4700, 7000-7700 Series Alternators

Replaces: Leece-Neville 73635



46-5251

(Ref# L79029R)

Wire Lead - Pos. Rectifier to Reg. Red Color

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79029

Dim:

3.8mm Eyelet Dia. x 119mm L

No. 6 Eyelet Dia. x 4-3/4" L



46-5252

(Ref# L79028B)

Wire Lead - Neg. Rectifier to Reg. Black Color

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 79028

Dim:

3.8mm Eyelet Dia. x 119mm L

No. 6 Eyelet Dia. x 4-3/4" L



46-5300

Connector - Neg. Terminal

For: Leece-Neville 4400-4700J, 7000-7700J Series Alternators

Replaces: Leece-Neville 78705



46-5301

Connector - Pos. Terminal

For: Leece-Neville 4400-4700J, 7000-7700J Series Alternators

Replaces: Leece-Neville 78706



46-5303

Connector - Terminal Plate

For: Leece-Neville 4400-4700, 7000-7700 Series Alternators

Replaces: Leece-Neville 73657



46-5304

Connector - Neg. Terminal to Ground

For: Leece-Neville 2300-2800J Series IR/EF Alternators

Replaces: Leece-Neville 79377



46-5500

Bearing Retainer - D.E. Frame

For: Leece-Neville 2300-2800JB, 4400-4700, 7000-7700 Series Alternators

Replaces: Leece-Neville 59234



46-5550

Repair Bushing

For: Delco 25SI, 26SI, 30SI, 33SI, 34SI Series IR/EF, Leece-Neville 2300-2800JB Series Alternators

Dim: 1/2" ID x 3/4" OD x 17/32" L

Note: 46-5550 repair bushing is for salvaging worn D.E. housings where the bottom mounting foot hole has been worn egg-shaped

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

LEECE-NEVILLE (cont'd.)



46-5551

Mounting Bushing - S.R.E. Frame

For: Leece-Neville 2300-2800JB, 4400-4750J Series Alternators

Replaces: Leece-Neville 77916

Dim: 1/2" ID x 3/4" OD x 13/16" L



46-5552

Mounting Bushing - D.E. Frame

For: Leece-Neville 7000-7700 Series Alternators

Replaces: Leece-Neville 73651

Dim: 7/16" ID x 5/8" OD x 11/16" OAL



46-5600

Spacer - Fan

For: Leece-Neville 2300-2800JB, 4400-4750J, 7000-7700* Series Alternators

Replaces: Leece-Neville 59225

Dim: 22.23mm ID x 34.7mm OD x 5mm L

Note: *Used on alternators w/ 6305 D.E. bearing



46-5800

Dust Cap - S.R.E. Bearing

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 78990

Note: Used w/ 8-501 open needle bearing



46-5850

Bracket - Capacitor

For: Leece-Neville 2300-2800JB, 3425-3725J, 4400-4700, 4425-4750J, 7000-7700 Series Alternators

Replaces: Leece-Neville 73760



L73541

(Ref# 46-5100)

Capacitor

For: Leece-Neville 2300-2800JB Series Alternators

Replaces: Leece-Neville 73541

Dim: .5MF

Note: Early version capacitor with long lead. For late style capacitor use 46-5101.

Features:

- Transpo

MANDO



49-83505

Terminal Kit - Battery

For: Mando IR/IF; Mitsubishi IR/IF Alternators

Used On: (1994-89) Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

Unit Nos: Mando AB190025; Mitsubishi A2T14792, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493

Lester Nos: 13249, 13271, 13289, 14436

WAI Ref. Nos: 1-1189-01MI, 1-1207-02MI, 1-1227-01MD, 1-1434-01MI

Components:

- 42-83302 Insulator, Battery Terminal
- 46-83152 Battery Terminal M6 x 1.0
- 46-83802 Connector
- 85-2301 Hex Nut M6 x 1.0

LUCAS



46-92800

Repair Plug Kit

For: Bosch IR/EF; Lucas 15ACR, 16ACR, 17ACR, 18ACR Series IR/EF Alternators

Replaces: Lucas 54960402, 60600983

Note: Repairs wire harness connector plug

MITSUBISHI



41-83700

Oil Seal

For: Mitsubishi IR/EF Alternators w/ Vacuum Pump

Used On: (1984-82) Mazda (Diesel)

Unit Nos: Mitsubishi A1T23479, A1T23579, A1T31579, A1T32779, A2T24884

Lester Nos: 14601, 14705

WAI Ref. Nos: 1-1155-01MI

Dim: 30.1mm OD x 4.9mm W
Fits 14.9mm Dia. Shaft

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



41-83701 Oil Seal

For: Mitsubishi IR/EF Alternators w/ Vacuum Pump
Used On: (1986-83) Dodge, Mazda, Mitsubishi (Diesel)
Unit Nos: Mitsubishi A1T32084, A2T41899, A5T20484, A5T22484
Lester Nos: 14690, 14692, 14703
WAI Ref. Nos: 1-1140-01MI, 1-1208-01MI
Dim: 25mm OD x 5mm W
 Fits 11.8mm Dia. Shaft



42-83301 Insulator - Battery Terminal

For: Mitsubishi IR/EF, IR/IF Alternators
Used On: (1989-78) Dodge, Ford, Hyundai, Mazda, Mitsubishi, Nissan, Plymouth; Toro
Lester Nos: 13259; 14231, 267, 268, 307, 431, 434, 435, 445, 447, 533, 550, 571, 596, 597, 598, 600, 601, 646, 650, 657, 690, 692, 693, 694, 696, 697, 698, 699, 701, 702, 703, 704, 705, 706, 708, 709, 876, 906, 908, 916, 917, 943, 950, 982
Dim: 5mm ID
Note: Red color



42-83302 Insulator - Battery Terminal

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1999-84) Dodge, Eagle, Ford, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru; Yale
Lester Nos: 13189, 196, 197, 211, 212, 230, 231, 238, 249, 251, 253, 257, 271, 272, 282, 289, 290, 292, 293, 295, 297, 298, 303, 318, 332, 351, 352, 430, 435, 439, 447, 450, 480, 584, 596, 597, 598; 14427, 428, 429, 430, 432, 433, 436, 437, 438, 655, 656, 718, 723, 724, 725, 950, 967, 979
Dim: 6mm ID
Note: Included in 49-83505 battery terminal kit



42-83303 Insulator - Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (2002-90) Eagle, Ford, Mazda, Mercury, Mitsubishi, Nissan, Plymouth
Unit Nos: Mitsubishi A2T20091, A2T33891, A2T38391, A2T80591, A2T81791, A2T82791, A2T82792, A2TA0891, A2TA0892, A2TA2871, A3T07592, A3TA1091, A3TA5691, A3TN5883, A4T02591, A4TU3186, A7T03771
Lester Nos: 13299, 13445, 13451, 13473, 13511, 13585, 13586, 13616, 13821
WAI Ref. Nos: 1-1143-01MI, 1-1598-01MI, 1-1599-01MI, 1-1601-01MI, 1-1829-01MI, 1-1959-01MI, 1-2023-01MI, 1-2023-02MI, 1-2101-01MI, 1-2101-02MI, 1-2153-01MI, 1-2269-01MI
Dim: 8mm ID
Note: Red color



42-83309 Insulator - Battery Terminal

For: Mitsubishi ER/IF Alternators
Used On: (1999-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T81192, A2T81292, A2T81391, A2TA3791, A2TB1491, A3T14292
Lester Nos: 13575, 13577, 13580, 13735
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI, 1-1992-01MI, 1-2107-01MI
Dim: 6mm ID



42-83312 Insulator - Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (2005-02) Honda
Unit Nos: Mitsubishi A5TA7091, ZC
Lester Nos: 13893
WAI Ref. Nos: 1-2509-01MI
Dim: 6mm ID



46-83151 Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1988-84) Dodge, Hyundai, Mitsubishi, Plymouth, Toro
Unit Nos: Mitsubishi A0T25371, A0T25471, A1T01991, A1T40391, A1T40491, A1T40791, A1T40891, A2T03072, A2T03691, A2T03792, A2T03892, A2T41791, A2T41991, A2T42777, A2T43791
Lester Nos: 14431, 14434, 14435, 14445, 14447, 14693, 14694, 14697, 14706, 14708, 14709, 14876, 14917, 14950
WAI Ref. Nos: 1-1186-01MI, 1-1188-01MI, 1-1193-01MI, 1-1194-01MI, 1-1195-01MI, 1-1198-01MI, 1-1205-01MI, 1-1217-01MI, 1-2392-01MI
Dim: M5 x 0.8 x 41mm L
 w/ 5.5mm Knurl OD



46-83152 Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A3T03392, A3T03393, A3T03471, A3T03492, A3T03493
Lester Nos: 13249, 13271
WAI Ref. Nos: 1-1189-01MI, 1-1434-01MI
Dim: M6 x 1.0 x 45mm L
 w/ 6.5mm Knurl OD
Note: Included in 49-83505 battery terminal kit



46-83153 Battery Terminal

For: Mando, Mitsubishi IR/IF Alternators
Used On: (1998-86) Chevrolet, Dodge, Eagle, Ford, Geo, Hyundai, Mazda, Mercury, Mitsubishi, Nissan, Plymouth, Subaru, Suzuki
Lester Nos: 13189, 13196, 13211, 13212, 13213, 13231, 13251, 13253, 13272, 13282, 13292, 13293, 13295, 13297, 13303, 13318, 13336, 13351, 13352, 13415, 13416, 13435, 13447, 13480, 13584, 13701, 13717, 14436, 14655, 14656, 14718, 14725, 14967, 14979
Dim: M6 x 1.0 x 46mm L
 w/ 8.7mm Knurl OD

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

MITSUBISHI (cont'd.)



46-83159

Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Dim: M5 x 0.8 x 41.5mm L w/ 6.5mm Knurl OD
Note: Included in 49-83502 battery terminal kit



46-83160

Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1989-84) Honda
Unit Nos: Mitsubishi A1T01591, A1T01691, A1T02091, A1T02291, A1T04892, A1T40291
Lester Nos: 13265, 13266
WAI Ref. Nos: 1-1015-01MI, 1-1017-01MI
Dim: M6 x 1.0 x 51mm OAL



46-83501

Bearing Retainer - D.E. Frame

For: Mitsubishi ER/IF Alternators
Used On: (2001-92) Chrysler, Dodge, Eagle, Honda, Mercury, Mitsubishi, Nissan, Plymouth
Unit Nos: Mitsubishi A2T34892, A2T35092, A2T40092, A2T81192, A2T81292, A2T81391, A2TA3791, A2TA7491, A2TB1491, A3T14292, A3TA1091, A3TA4191, A5TA0991
 (cont'd.)

(cont'd.)

Lester Nos: 13430, 13439, 13450, 13473, 13575, 13577, 13580, 13649, 13735, 13764

WAI Ref. Nos: 1-1601-01MI, 1-1832-01MI, 1-1833-01MI, 1-1874-01MI, 1-1928-01MI, 1-1992-01MI, 1-2094-01MI, 1-2107-01MI, 1-2176-01MI

Dim: 54mm W x 54mm L
 M5 x 0.8 Mtg. Holes



46-83550

Cup - D.E. Bearing Conversion

For: Mitsubishi IR/IF Alternators
Dim: 42mm ID x 47mm OD x 17.2mm W
Note: Used with 6-302-4 bearing & 46-89603 spacer to replace 10-1583-4 ball bearing w/ 15mm ID x 47mm OD x 18mm W



46-83551

Cup - D.E. Bearing Conversion

For: Mitsubishi IR/IF Alternators
Dim: 42mm ID x 47mm OD x 13.2mm W
Note: Used with 6-302-4 bearing & 46-89602 spacer to replace 10-3031-4 ball bearing w/ 15mm ID x 47mm OD x 14mm W



46-83552

Mtg. Bushing - S.R.E. Frame

For: Mitsubishi ER/IF Alternators
Used On: (1999-95) Chrysler, Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A2T81292, A2T81391, A2TA3791, A2TB1491
Lester Nos: 13575, 13580, 13735
WAI Ref. Nos: 1-1874-01MI, 1-1928-01MI, 1-2107-01MI
Dim: 10mm ID x 17mm OD x 20mm L



46-83700

Cover - S.R.E. Bearing

For: Mitsubishi ER/IF, IR/IF Alternators*
Dim: 9mm ID x 22mm OD
Note: *Used w/ 10-800-4, 10-874-4, 10-879-4, 10-885-4 ball bearings



46-83801

Connector - Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1988-84) Dodge, Hyundai, Mitsubishi, Plymouth, Toro
Unit Nos: Mitsubishi A0T25371, A0T25471, A1T01991, A1T40391, A1T40491, A1T40791, A1T40891, A2T03072, A2T03691, A2T03792, A2T03892, A2T41791, A2T41991, A2T42777, A2T43791
Lester Nos: 14431, 14434, 14435, 14445, 14447, 14693, 14694, 14697, 14706, 14708, 14709, 14876, 14917, 14950
WAI Ref. Nos: 1-1186-01MI, 1-1188-01MI, 1-1193-01MI, 1-1194-01MI, 1-1195-01MI, 1-1198-01MI, 1-1205-01MI, 1-1217-01MI, 1-2392-01MI
Dim: 5mm ID
Note: Included in 49-83504 battery terminal kit



46-83802

Connector - Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1994-89) Dodge, Eagle, Mitsubishi, Plymouth
Unit Nos: Mitsubishi A3T03392, A3T03393, A3T03471, A3T03492, A3T03493
Lester Nos: 13249, 13271
WAI Ref. Nos: 1-1189-01MI, 1-1434-01MI
Dim: 6mm ID
Note: Included in 49-83505 battery terminal kit

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-83803

Connector - Battery Terminal

For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01596, A3T01598
Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI
Dim: 6mm ID
Note: Included in 49-83502, 49-83502-3 battery terminal kits



46-89601

Spacer - D.E. Bearing Conversion

For: Mitsubishi IR/IF Alternators
Dim: 39mm ID x 47mm OD x 4mm W
Note: Used w/ 6-303-4 ball bearing, 46-89605 spacer to replace 10-1594-4 ball bearing w/ 17mm ID x 47mm OD x 18mm W



46-89602

Spacer - D.E. Bearing Conversion

For: Mitsubishi IR/IF; Nippondenso ER/IF, IR/IF Alternators
Dim: 15mm ID x 22mm OD x 1mm W
Note: Used w/ 6-302-4 ball bearing, 46-82550 sleeve to replace 10-3022-4 ball bearing w/ 15mm ID x 46mm OD x 14mm W.
 Used w/ 6-302-4 ball bearing, 46-83551 sleeve to replace 10-3031-4 ball bearing w/ 15mm ID x 47mm OD x 14mm W.
 Also used as pulley spacer w/ 24-82265, 24-83265 pulleys.



46-89603

Spacer - D.E. Bearing Conversion

For: Mitsubishi IR/IF Alternators
Dim: 15mm ID x 22mm OD x 5mm W
Note: Used w/ 6-302-4 ball bearing, 46-83550 cup to replace 10-1583-4 ball bearing w/ 15mm ID x 47mm OD x 18mm W



46-89605

Spacer - D.E. Bearing Conversion

For: Mitsubishi IR/IF Alternators
Dim: 17mm ID x 22mm OD x 3.9mm W
Note: Used w/ 6-303-4 ball bearing, 46-89601 spacer to replace 10-1594-4 ball bearing w/ 17mm ID x 47mm OD x 18mm W



46-89809

Extension Harness

For: Hitachi, Mitsubishi IR/EF, IR/IF Alternators
Used On: Chrysler, Ford, Mazda, Mitsubishi, Nissan
Note: Extends original harness permitting more clock positions



46-89810

P-Terminal Conversion Plug

For: Hitachi, Mitsubishi IR/EF Alternators
Note: Converts units wo/ P-terminal to fit applications requiring a P-terminal (Converts to Lester# 14571, 14592, 14598, 14702)



49-83500

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1988-86) Mazda
Unit Nos: Mitsubishi A2T04474, A2T13571, A2T13571A, A2T47371, A2T47371A, A2T47474, A2T47974, A5T30871, A5T31971, A5T31971A, A5T32571
Lester Nos: 13182, 14902, 14903, 14910
WAI Ref. Nos: 1-1135-01MI, 1-1171-01MI, 1-1944-01MI, 1-2342-01MI
Dim: M5 x 0.8 x 51mm OAL



49-83501

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1996-88) Ford, Mazda, Mercury
Unit Nos: Mitsubishi A2T05772, A2T05772X, A2T33991, A2T34477, A2T35177, A2T36776, A5T00877, A5T01577, A5T01977, A5T02777, A5T03677
Lester Nos: 13183, 13227, 13314, 13350, 13432, 13523, 14905
WAI Ref. Nos: 1-1136-01MI, 1-1137-01MI, 1-1160-01MI, 1-1177-01MI, 1-1428-01MI, 1-1873-01MI
Dim: M6 x 1.0 x 51mm OAL

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

MITSUBISHI (cont'd.)



49-83502

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1990-88) Ford, Mercury
Unit Nos: Mitsubishi A3T01596, A3T01598

Lester Nos: 13188, 13190
WAI Ref. Nos: 1-1180-01MI, 1-1180-02MI

Note: Same as 49-83502-3 except 49-83502 includes terminal stud and hex nut

Components:

46-83159 Terminal M5 x 0.8
 46-83803 Connector

Features:

- Plug has tin-plated brass terminals that protect against corrosion & provides superior contact



49-83502-3

Terminal Kit - Battery

Same as 49-83502 except...

Note: wo/ terminal stud and hex nut. For terminal kit with terminal stud and hex nut use 49-83502

Components:

46-83803 Connector

Features:

- Plug has tin-plated brass terminals that protect against corrosion & provides superior contact



49-83503

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1989-86) Nissan
Unit Nos: Mitsubishi A2T48292, A2T48298

Lester Nos: 14243, 14720
WAI Ref. Nos: 1-1126-01MI, 1-1126-02MI

Dim: M6 x 1.0 x 60mm OAL



49-83505

Terminal Kit - Battery

For: Mando IR/IF; Mitsubishi IR/IF Alternators

Used On: (1994-89) Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
Unit Nos: Mando AB190025; Mitsubishi A2T14792, A3T03392, A3T03393, A3T03471, A3T03492, A3T03493

Lester Nos: 13249, 13271, 13289, 14436

WAI Ref. Nos: 1-1189-01MI, 1-1207-02MI, 1-1227-01MD, 1-1434-01MI

Components:

42-83302 Insulator, Battery Terminal
 46-83152 Battery Terminal M6 x 1.0
 46-83802 Connector
 85-2301 Hex Nut M6 x 1.0



49-83506

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1998-90) Honda, Infiniti, Nissan

Unit Nos: Mitsubishi A2T13894, A2T18792, A5TA0991

Lester Nos: 13286, 13549, 13649
WAI Ref. Nos: 1-1120-01MI, 1-1427-01MI, 1-2094-01MI

Dim: M6 x 1.0



49-83507

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1992-89) Mazda
Unit Nos: Mitsubishi A2T17574, A2T18874

Lester Nos: 13237, 13337
WAI Ref. Nos: 1-1164-01MI, 1-1165-01MI

Dim: M8 x 1.25



49-83509

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (2001-92) Ford, Mazda
Unit Nos: Mitsubishi A3T08491

Lester Nos: 13446
WAI Ref. Nos: 1-1600-01MI

Dim: M8 x 1.25

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



49-83510

Terminal Kit - Battery

For: Mitsubishi IR/IF Alternators
Used On: (1995-93) Lincoln
Unit Nos: Mitsubishi A6T41491
Lester Nos: 13448
WAI Ref. Nos: 1-1589-01MI
Dim: M6 x 1.0



WAF05

(Ref# 46-89804)

Adapter Plug

For: Mitsubishi ER/EF Alternators
Used On: Chevrolet, Nissan, Subaru
Lester Nos:
 14194 to 14105;
 14196 to 14118;
 14196 to 14222;
 14207 to 14119
WAI Ref. Nos:
 1-1147-01MI to 1-1103-01HI;
 1-1147-01MI to 1-1525-01HI;
 1-1148-01MI to 1-1111-01HI;
 1-1158-01MI to 1-1566-01HI
Note: Converts 4-Wire Ford Courier,
 Mazda Alternators to 2-Wire Chev. Luv,
 Nissan, Subaru Alternators.

MOTOROLA



42-4301

Insulating Sleeve - Diode Trio

For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola 15-27;
 Prestolite 115-27
Dim:
 5mm ID x 7.5mm L
 No. 10 ID x 5/16" L



42-4302

Insulating Sleeve - Rectifier

For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola 15-26;
 Prestolite 115-26
Dim:
 6.5mm ID x 13mm L
 1/4" ID x 1/2" L



46-4100

Capacitor

For: Motorola / Prestolite 8AL Series Alternators
Replaces: Motorola 2-26;
 Prestolite 102-26
Lester Nos: 7427, 7429, 7437, 7441
Dim: .5MF



46-4150

Spade Terminal

Dim: 5mm ID Hole
Note: Converts terminal post to spade terminal



49-4102

Alternator Conversion Kit

For: Converting Delco 10SI Series Alternators to replace Motorola/Prestolite Alternators w/ 1" or 2" Mtg. Spools and 1- or 3-Mtg. Hole D.E. Frames

Features:

- 49-4102 kit is used w/ common Delco 10SI parts
- Reduce your inventory of Motorola parts. By using 49-4102 kit with a Delco S.R.E. frame assy. you eliminate stocking 16-rectifiers, 16-regulators, 4-rotors, 4-stators, 10-pulleys, 8-S.R.E. frames, 8-D.E. frames & many Motorola small parts.
- Field tested for reliability and acceptability

NIPPONDENSO



41-82100

Gasket - S.R.E. Bearing Retainer

For: Nippondenso ER/IF, IR/IF Alternators
Dim: 40mm ID x 46mm OD x 1.5mm T



41-82101

Gasket - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators
Note: Used w/ 39-8202, 39-8203, 39-8207 brush holder assys.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



41-82103

Gasket - Brush Holder

For: Nippondenso 120-160A ER/IF, IR/IF Alternators

Lester Nos: 13867, 13870, 13871, 13912, 13913, 13914, 13919, 13923

Note: Located on top of 39-8207 brush holder assy.



41-82300

Seal - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators

Note: Used w/ 39-8200, 39-8201, 39-8203 brush holder assys.



41-82301

Grommet - Stator Lead

For: Nippondenso ER/IF, IR/IF Alternators

Dim: 13mm W x 20mm L

Note: Orange color



41-82302

Grommet - Stator Lead

For: Nippondenso ER/IF, IR/IF Alternators

Dim: 15.5mm W x 20mm L

Note: Gray color



41-82303

Seal - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators

Note: Orange color. Used w/ 39-8202 brush holder assy.



41-82306

Seal - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators

Note: Gray color. Used w/ 39-8202, 39-8203 brush holder assys.



42-82300

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators

Used On: (2000-83) Isuzu, Suzuki, Toyota

Unit Nos: Nippondenso 100211-100, -103, -104, -105, -106, -109, -118, -120, -121, -123, -131, -132, -134, -141, -143, -200, -202, -203, -205, -206, -207, -210, -216, -217, -225, -228, -233, -250, -273, -303, -397, -726, -757; 100213-045; 101211-055, -072, -083; 102211-507, -515

Lester Nos: 13521, 679, 680; 14457, 458, 611, 643, 668, 671, 674, 678, 679, 682, 683, 684, 733, 847, 857, 870, 939, 940, 974

Dim: 6mm ID x 26.5mm OAL

Note: Round interlock w/ internal positioner



42-82301

Insulator - External

For: Nippondenso ER/EF, IR/EF Alternators

Used On: (1992-78) Honda, Isuzu, Toyota; Hino John Deere

Unit Nos: Nippondenso 021000-652, -656, -658, -664, -741, -787, -793, -856, -875, -909; 100211-003, -004, -007, -008, -0081, -009, -010, -012, -013, -014, -024, -027, -028, -029, -034, -040, -043, -050, -056, -058, -059, -060, -070, -072, -078, -257, -263, -298, -299, -576, -580, -593; 121000-032

Lester Nos: 13140, 143, 169; 14130, 158, 163, 268, 269, 273, 336, 337, 341, 345, 347, 384, 461, 573, 574, 630, 672, 677, 761, 850, 936

Dim: 5mm ID



42-82302

Insulator - Battery Terminal (Ext.)

For: Nippondenso ER/EF, IR/EF Alternators

Used On: (1990-71) Honda, Isuzu, Toyota; Hino, John Deere, Mitsui-Deutz

Unit Nos: Nippondenso 021000-366, -398, -427, -471, -502, -504, -513, -515, -591, -595, -596, -600, -603, -652, -656, -658, -661, -664, -666, -675, -703, -741, -781, -787, -790, -793, -799, -809, -841, -856, -875, -902, -904, -909, -991; 100211-003, -004, -007, -008, -0081, -009, -010, -013, -019, -024, -027, -029, -030, -031, -033, -034, -036, -040, -043, -050, -053, -054, -056, -058, -059, -060, -061, -063, -064, -065, -066, -067, -068, -070, -071, -072, -073, -076, -078, -087, -094, -098, -263, -298, -299, -576, -580; 121000-101, 135

Lester Nos: 13140, 143, 169; 14130, 131, 152, 153, 155, 158, 163, 273, 275, 336, 337, 338, 339, 341, 342, 343, 345, 347, 366, 384, 385, 461, 540, 573, 574, 630, 672, 677, 734, 850, 936

Dim: 6mm ID

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



42-82303

Insulator - Battery Terminal

For: Nippondenso ER/IF Alternators
Used On: (1998-85) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-243, -266, -268, -300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -346, -347, -353, -400, -401, -403, -404, -405, -406, -407, -408, -409, -410, -415, -417
Lester Nos: 13184, 185, 220, 245, 256, 280, 301, 302, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 353, 354, 742; 14869
Dim: 6mm ID



42-82304

Insulator - Internal

For: Nippondenso ER/EF, IR/EF Alternators
Used On: (1992-78) Honda, Isuzu, Toyota; Hino, John Deere
Unit Nos: Nippondenso 021000-652, -656, -659, -664, -741, -788, -846, -875; 100211-003, -004, -007, -008, -0081, -009, -010, -012, -015, -024, -025, -027, -029, -040, -043, -050, -056, -058, -059, -070, -072, -078, -263, -298, -299, -576, -580, -593; 121000-032
Lester Nos: 13140, 143, 169; 14268, 269, 337, 341, 345, 347, 375, 384, 461, 573, 574, 630, 672, 677, 761, 936
Dim: 8mm ID



42-82305

Insulator - Battery Terminal

For: Nippondenso ER/IF Alternators
Used On: (2000-93) Chrysler, Dodge, Eagle, Plymouth
Unit Nos: Nippondenso 100211-884, 121000-348, 121000-349, 121000-352, 121000-416, 121000-433
Lester Nos: 13443, 13444, 13593, 13594, 13765
Dim: 6mm ID
Note: D-shaped interlock



42-82306

Insulator - Battery Terminal

For: Nippondenso ER/IF Alternators
Used On: (1998-91) Dodge, Jeep
Unit Nos: Nippondenso 121000-344, 121000-345, 121000-412
Lester Nos: 13341, 13442, 13746
Dim: 6mm ID



42-82307

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (2002-90) Acura, Honda, Isuzu
Unit Nos: Nippondenso 100211-815, 100211-819, 100211-855, 100211-871, 100211-874, 100211-877, 101211-541, 101211-543, 101211-549, 101211-550, 101211-569, 101211-585, 101211-912, 101211-914, 101211-925, 101211-931, 101211-933, 101211-976, 101211-981, 101211-986, 101211-999, 102211-101, 102211-102, 102211-171
Lester Nos: 13325, 395, 506, 507, 529, 538, 539, 540, 674, 677, 684, 722, 737, 743, 767, 768, 776
Dim: 6mm ID
Note: D-shaped interlock



42-82308

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (2000-87) Lexus, Toyota; John Deere
Unit Nos: Nippondenso 100211-283, 100211-284, 100211-602, 100211-603, 100211-605, 100211-606, 100211-611, 100211-613, 100211-630, 100211-635, 100211-639, 100211-641, 100211-642, 100211-883, 101211-556, 101211-701, 101211-712, 101211-717, 101211-718, (cont'd.)

(cont'd.)
 101211-730, 101211-780, 101211-915, 101211-916, 101211-935, 101211-941, 101211-971
Lester Nos: 13384, 385, 389, 410, 545, 547, 552, 553, 562, 668, 669, 715, 748; 14460
Dim: 8mm ID
Note: D-shaped interlock



42-82310

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (2002-89) Chevrolet, Geo, Lexus, Toyota
Unit Nos: Nippondenso 100211-627, -802, -803, -805, -806, -811, -813, -830, -835, -838, -839, -848, -856, -857, -866, -885, -889, -899; 101211-501, -502, -508, -514, -515, -523, -524, -527, -536, -554, -562, -571, -597, -752, -775, -901, -906, -910, -951, -959, -960, -963, -978, -996
Lester Nos: 13276, 278, 319, 323, 331, 393, 396, 407, 457, 481, 487, 497, 551, 557, 558, 706, 732, 747, 754, 755, 756, 794, 806
Dim: 6mm ID
Note: D-shaped interlock



42-82311

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (1992-90) Geo, Isuzu
Unit Nos: Nippondenso 100211-795
Lester Nos: 13391, 13569
Dim: 6mm ID
Note: Diamond-shaped interlock

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



42-82312

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (1989-85) Chevrolet, Geo, Isuzu
Unit Nos: Nippondenso 100211-107, 100211-110, 100211-122, 100211-133, 100211-222, 100211-223, 100211-372, 100211-769
Lester Nos: 14732, 14739, 14872
Dim: 6mm ID



42-82315

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (1998-85) Acura, Daihatsu, Geo, Toyota
Lester Nos: 13240, 241, 277, 319, 322, 339, 383, 392, 397, 398, 409, 455, 456, 482, 486, 492, 499, 508, 512, 536, 659, 670, 671, 673; 14449, 454, 455, 472, 611, 671, 674, 678, 679, 682, 683, 847, 849, 935, 974
Dim: 6mm ID
Note: Round interlock w/ internal positioner



42-82316

Insulator - Battery Terminal

For: Nippondenso ER/IF, IR/IF Alternators
Used On: (2000-90) Chrysler, Dodge, Eagle, Plymouth, Toyota
Unit Nos: Nippondenso 100211-823, 100211-832, 100211-881, 100211-882, 100211-887, 101211-509, 101211-522, 121000-351, 121000-357, 121000-358, 121000-421, 121000-426
Lester Nos: 13252, 321, 440, 443, 454, 498, 556, 578, 592, 741
Dim: 6mm ID
Note: D-shaped interlock



42-82317

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (1995-84) Acura, Honda, Sterling
Unit Nos: Nippondenso 100211-108, 100211-111, 100211-126, 100211-127, 100211-135, 100211-137, 100211-138, 100211-201, 100211-213, 100211-214, 100211-215, 100211-221, 100211-255, 100211-330, 100211-331, 100211-359, 100211-366, 100211-707, 100211-733, 100211-750, 100211-780, 100211-781, 100211-977, 101211-025
Lester Nos: 13229, 294, 326, 509; 14591, 680, 755, 756, 757, 759, 851, 852, 853, 854, 855, 930, 931, 941, 989
Dim: 6mm ID
Note: Round interlock w/ internal positioner



42-82318

Insulator - Battery Terminal

For: Nippondenso 81-136A ER/IF Alternators
Used On: (2001-98) Chrysler, Dodge, Jeep
Unit Nos: Nippondenso 121000-365, -371, -373, -423, -425, -437, -458
Lester Nos: 13763, 13790, 13809, 13869, 13880, 13964
Dim: 6mm ID



42-82319

Insulator - Battery Terminal

For: Nippondenso 90-136A ER/IF Alternators
Used On: (2000-95) Chrysler, Dodge, Eagle, Jeep, Plymouth
Unit Nos: Nippondenso 121000-351, -358, -361, -362, -367, -421, -426, -427
Lester Nos: 13443, 13578, 13592, 13741, 13822, 13834, 13842
Dim: 6mm ID
Note: D-shaped interlock



42-82320

Insulator - Battery Terminal

For: Nippondenso 117-136A ER/IF Alternators
Used On: (2001-99) Dodge
Unit Nos: Nippondenso 121000-363, -428, -429, -435
Lester Nos: 13766, 13823, 13824
Dim: 6mm ID
Note: D-shaped interlock



42-82323

Insulator - Battery Terminal

For: Nippondenso 120-160A ER/IF Alternators
Used On: (2005-01) Chrysler, Dodge, Jeep
Unit Nos: Nippondenso 421000-001, -002, -004, -010, -030, -0301; 5-121000-252,
Lester Nos: 11063, 13868, 13870, 13871, 13912, 13913
Dim: 14mm ID



42-82324

Insulator - Battery Terminal

For: Nippondenso 136A ER/IF Alternators
Used On: (2005-01) Dodge, Jeep
Unit Nos: Nippondenso 121000-4482, -453, -454
Lester Nos: 11116, 13873, 13874
Dim: 8mm ID
Note: D-shaped interlock

ALTERNATOR - SMALL PARTS

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



42-82325

Insulator - Battery Terminal

For: Nippondenso 120-136A ER/IF Alternators
Used On: (2006-02) Chrysler, Dodge
Unit Nos: Nippondenso 421000-006, 421000-023
Lester Nos: 13868, 13871
Dim: 14mm ID



42-82326

Insulator - Battery Terminal

For: Nippondenso IR/IF Alternators
Used On: (2003-99) Acura, Honda
Unit Nos: Nippondenso 101211-785, 102211-068
Lester Nos: 13769, 13835
Dim: 8mm ID
Note: D-shaped interlock



42-82327

Insulator - Battery Terminal

For: Nippondenso 130-136A ER/IF Alternators
Used On: (2004-01) Chrysler, Dodge
Unit Nos: Nippondenso 421000-003, -011, -012
Lester Nos: 13867, 13914, 13923
Dim: 14mm ID
Note: D-shaped interlock



42-82328

Insulator - Battery Terminal

For: Nippondenso 117A ER/IF Alternators
Used On: (2003-01) Dodge, Jeep
Unit Nos: Nippondenso 121000-376, -378
Lester Nos: 13906, 13910
Dim: 8mm ID
Note: D-shaped interlock



**46-81101
Capacitor**

For: Hitachi IR/IF; Nippondenso IR/IF Alternators
Used On: (1991-84) Nissan, Toyota
Unit Nos: Hitachi LR170-701B, LR170-702B, LR170-713, LR170-721, LR180-704, LR190-704, LR190-709; Nippondenso 100211-839
Lester Nos: 13276, 14651, 14655, 14661, 14717, 14752
WAI Ref. Nos: 1-1105-01HI, 1-1105-02HI, 1-1122-01HI, 1-1421-01ND, 1-1533-01HI
Dim: .5MF
 6mm Eyelet
 101mm Lead Length



46-82150

Stud - S.R.E. Bearing Retainer

For: Nippondenso ER/IF, IR/IF Alternators
Dim: M5 x 0.8 x 36mm L
Note: Used to attach S.R.E. cover



46-82151

Stud - S.R.E. Mtg. Arms

For: Nippondenso ER/IF Alternators
Used On: (1989-85) Chrysler, Dodge, Plymouth
Unit Nos: Nippondenso 121000-243, 121000-266, 121000-268, 121000-300, 121000-330, 121000-331, 121000-333, 121000-334, 121000-336, 121000-400, 121000-401, 121000-403, 121000-409, 121000-410
Lester Nos: 13184, 13185, 13220, 13256, 13280, 13304, 13305, 13308, 13313, 14869
WAI Ref. Nos: 1-1490-01ND, 1-1490-02ND, 1-1490-03ND, 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1506-01ND, 1-1506-03ND, 1-1507-01ND, 1-1531-01ND
Dim: M5 x 0.8 x 25mm L
 w/ 5.7mm Knurl OD
Note: Used in 22-8201, 22-8209 S.R.E. frames



46-82153

Conversion Stud - S.R.E. Mtg. Arms

For: Nippondenso ER/IF Alternators
Used On: (1998-90) Chrysler, Dodge, Jeep, Plymouth
Dim: M5 x 0.8 x 25mm L
 w/ 6.7mm Knurl OD
Note: Presses into hole where M6 x 1.0 mtg. studs were used when converting to S.R.E. frame w/ M5 x 0.8 mtg. studs.



46-82200

Terminal Block

For: Nippondenso ER/EF, ER/IF Alternators
Used On: (1998-85) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-243, -266, -268, -300, -310, -330, -331, -333, -334, -336, -337, -338, -339, -340, -341, -343, -344, -345, -346, -347, -353, -400, -401, -403, -404, -405, -406, -407, -408, -409, -410, -412, -413, -415, -417
Lester Nos: 13184, 13185, 13220, 13245, 13256, 13280, 13301, 13302, 13304, 13305, 13306, 13307, 13308, 13309, 13310, 13311, 13312, 13313, 13341, 13353, 13354, 13442, 13453, 13742, 14869, 7002

ALTERNATOR - SMALL PARTS

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



46-82201

Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2000-93) Chrysler, Dodge, Eagle, Plymouth
Unit Nos: Nippondenso 121000-348, -349, -351, -352, -357, -358, -416, -421, -426, -433
Lester Nos: 13443, 13444, 13578, 13592, 13593, 13594, 13741, 13765



46-82204

Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2006-01) Chrysler, Dodge
Unit Nos: Nippondenso, 421000-006, 421000-023, 5-121000-252
Lester Nos: 13868



46-82205

Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2006-04) Chrysler
Unit Nos: Nippondenso 421000-030
Lester Nos: 11063



46-82300

Connector - Rectifier to S.R.E. Cover

For: Nippondenso ER/IF, IR/IF Alternators
Note: Used w/ 85-1316 screw



46-82400

Cover - Brush Holder

For: Nippondenso ER/IF, IR/IF Alternators
Note: Used in 39-8202, 39-8203 brush holder assys.



46-82451

Cover - S.R.E. Frame

For: Nippondenso 55-80A IR/IF Alternators
Used On: (1995-83) Acura, Daihatsu, Geo, Honda, Isuzu, Sterling, Suzuki, Toyota
Unit Nos: Nippondenso 100211-100, -103, -104, -105, -106, -108, -109, -110, -118, -120, -121, -123, -126, -127, -131, -132, -134, -135, -136, -137, -138, -141, -200, -201, -202, -203, -205, -206, -207, -210, -213, -214, -215, -216, -217, -221, -225, -228, -237, -238, -250, -255, -273, -303, -304, -306, -309, -311, -315, -316, -317, -318, -322, -326, -330, -331, -332, -335, -339, -340, -343, -350, -351, -352, -353, -354, -355, -359, -361, -363, -366, -369, -377, -382, -389, -396, -700, -704, -705, -706, -707, -710, -713, -718, -726, -733, -743, -745, -746, -747, -750, -757, -769, -780, -781, -782, -797, -891, -971, -973, -977, -978, -984; 100213-045; 101211-025, -083, -083
 (cont'd.)

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Lester Nos: 12205, 209; 13229, 240, 241, 277, 294, 319, 322, 326, 339, 383, 392, 397, 398, 433, 455, 456, 508, 509, 521; 14449, 454, 455, 457, 458, 472, 591, 611, 643, 668, 671, 674, 678, 679, 680, 682, 683, 684, 732, 755, 756, 757, 759, 847, 849, 851, 852, 853, 854, 855, 857, 870, 930, 931, 935, 939, 941, 974, 989

WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1002-01ND, 1-1003-01ND, 1-1007-01ND, 1-1007-02ND, 1-1008-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1022-01ND, 1-1023-01ND, 1-1026-01ND, 1-1028-01ND, 1-1036-01ND, 1-1037-01ND, 1-1039-01ND, 1-1050-01ND, 1-1050-02ND, 1-1051-01ND, 1-1053-01ND, 1-1054-01ND, 1-1055-01ND, 1-1062-01ND, 1-1062-02ND, 1-1075-01ND, 1-1076-01ND, 1-1077-01ND, 1-1084-01ND, 1-1088-01ND, 1-1090-01ND, 1-1166-01ND, 1-1166-02ND, 1-1228-01ND, 1-1242-01ND, 1-1242-02ND, 1-1262-01ND, 1-1415-01ND, 1-1418-01ND, 1-1546-01ND, 1-1831-01ND, 1-1883-01ND, 1-1963-01ND, 1-1964-01ND, 1-1966-01ND, 1-1967-01ND, 1-2411-01ND



46-82452

Cover - S.R.E. Frame

For: Nippondenso 75-90A ER/IF Alternators
Used On: (1998-85) Chrysler, Dodge, Jeep, Plymouth
Unit Nos: Nippondenso 121000-300, 121000-310, 121000-330, 121000-331, 121000-333, 121000-336, 121000-337, 121000-338, 121000-339, 121000-340, 121000-343, 121000-344, 121000-345
Lester Nos: 13184, 13185, 13245, 13256, 13305, 13306, 13307, 13312, 13341, 13353, 13442
WAI Ref. Nos: 1-1490-01ND, 1-1490-02ND, 1-1490-03ND, 1-1503-01ND, 1-1503-02ND, 1-1503-03ND, 1-1503-04ND, 1-1510-01ND, 1-1511-01ND, 1-1527-01ND, 1-1531-01ND, 1-1971-01ND
Note: Early style wo/ grd. Strap opening. Similar to 46-82456 except 46-82456 w/ grd. strap opening.

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-82454

Cover - S.R.E. Frame

For: Nippondenso 120A ER/IF Alternators

Used On: (1996-88) Chrysler, Dodge, Plymouth

Unit Nos: Nippondenso 121000-400, 121000-401, 121000-403, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409, 121000-410

Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313

WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND

Note: Early style wo/ grd. strap opening. Similar to 46-82457 except 46-82457 w/ grd. strap opening.



46-82455

Cover - S.R.E. Frame

For: Nippondenso 90A ER/IF Alternators

Used On: (2000-96) Chrysler, Dodge, Eagle, Plymouth

Unit Nos: Nippondenso 121000-348, 121000-352, 121000-357, 121000-358

Lester Nos: 13443, 13593

WAI Ref. Nos: 1-1592-01ND, 1-2073-01ND

Note: Used w/ 46-82300 grd. strap & 85-1316 screw



46-82456

Cover - S.R.E. Frame

For: Nippondenso 75-90A ER/IF Alternators

Used On: (1998-90) Dodge, Jeep

Unit Nos: Nippondenso 121000-310, 121000-330, 121000-331, 121000-333, 121000-334, 121000-336, 121000-337, 121000-338, 121000-339, 121000-340, 121000-341, 121000-343, 121000-344, 121000-346, 121000-347, 121000-353

Lester Nos: 13184, 13185, 13245, 13256, 13305, 13306, 13307, 13312, 13353, 13354, 13442

WAI Ref. Nos: 1-1490-01ND, 1-1490-02ND, 1-1490-03ND, 1-1503-01ND, 1-1503-02ND, 1-1503-03ND, 1-1503-04ND, 1-1503-05ND, 1-1503-06ND, 1-1510-01ND, 1-1527-01ND, 1-1527-02ND, 1-1527-03ND, 1-1531-01ND, 1-1971-01ND

Note: Late style w/ grd. strap opening. Similar to 46-82452 except 46-82452 wo/ grd. strap opening. Used w/ 46-82300 grd. strap & 85-1316 screw.



46-82457

Cover - S.R.E. Frame

For: Nippondenso 120A ER/IF Alternators

Used On: (1998-91) Dodge, Jeep

Unit Nos: Nippondenso 121000-400, 121000-401, 121000-403, 121000-404, 121000-405, 121000-406, 121000-407, 121000-408, 121000-409, 121000-410, 121000-412, 121000-413, 121000-415, 121000-417

Lester Nos: 13280, 13301, 13302, 13304, 13308, 13309, 13310, 13311, 13313, 13453, 13742, 13746

(cont'd.)

(cont'd.)

WAI Ref. Nos: 1-1491-01ND, 1-1491-02ND, 1-1491-03ND, 1-1491-04ND, 1-1504-01ND, 1-1504-02ND, 1-1504-03ND, 1-1504-04ND, 1-1504-05ND, 1-1504-06ND, 1-2074-01ND, 1-2087-01ND

Note: Late style w/ grd. strap opening. Similar to 46-82454 except 46-82454 wo/ grd. strap opening. Used w/ 46-82300 grd. strap & 85-1316 screw.



46-82458

Cover - S.R.E. Frame

For: Nippondenso 70-100A IR/IF Alternators

Used On: (1996-89) Acura, Honda, Lexus, Toyota

Unit Nos: Nippondenso 100211-802, 100211-803, 100211-805, 100211-807, 100211-811, 100211-813, 100211-815, 100211-819, 100211-830, 100211-839, 100211-855, 100211-856, 100211-857, 100211-864, 100211-866, 100211-877

Lester Nos: 13276, 13278, 13319, 13323, 13325, 13331, 13395, 13396, 13407, 13408, 13507

WAI Ref. Nos: 1-1011-01ND, 1-1029-01ND, 1-1039-02ND, 1-1063-01ND, 1-1421-01ND, 1-1726-01ND, 1-1854-01ND, 1-1857-01ND, 1-1858-01ND, 1-1893-01ND, 1-1965-01ND, 1-1973-01ND, 1-2009-01ND, 1-2149-01ND

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



46-82460

Cover - S.R.E. Frame

For: Nippondenso 70-100A IR/IF Alternators

Used On: (1997-92) Acura, Honda, Isuzu, Toyota

Unit Nos: Nippondenso 100211-802, 100211-803, 100211-806, 100211-807, 100211-828, 100211-830, 100211-835, 100211-839, 100211-848, 100211-854, 100211-855, 100211-857, 100211-866, 100211-871, 100211-874, 100211-877, 100211-883, 100211-885, 100211-886, 100211-889, 101211-514, 101211-536, 101211-541, 101211-542, 101211-543, 101211-549, 101211-550, 101211-569, 101211-585, 101211-912, 101211-914

Lester Nos: 13276, 13319, 13323, 13325, 13331, 13394, 13395, 13396, 13407, 13413, 13506, 13507, 13529, 13538, 13539, 13540, 13684



46-82462

Cover - S.R.E. Frame

For: Nippondenso 70-90A IR/IF Alternators

Used On: (2005-93) Lexus, Toyota

Unit Nos: Nippondenso 101211-545, 101211-556, 101211-562, 101211-571, 101211-906, 101211-910, 101211-935, 101211-941, 101211-960, 101211-971, 101211-978, 102211-192, 102211-200

Lester Nos: 13545, 13552, 13558, 13732, 13747, 13748, 13755

WAI Ref. Nos: 1-1843-01ND, 1-1864-01ND, 1-1975-01ND, 1-2050-01ND, 1-2086-01ND, 1-2138-01ND, 1-2144-01ND, 1-2371-01ND, 1-2373-01ND



46-82463

Cover - S.R.E. Frame

For: Nippondenso 70-90A IR/IF Alternators

Used On: (2002-93) Chevrolet, Geo, Lexus, Toyota

Unit Nos: Nippondenso 100211-899, 101211-501, 101211-502, 101211-508, 101211-511, 101211-515, 101211-516, 101211-523, 101211-524, 101211-527, 101211-554, 101211-561, 101211-572, 101211-597, 101211-901, 101211-915, 101211-951, 101211-959, 101211-963, 101211-996, 102211-124

Lester Nos: 13457, 13481, 13487, 13489, 13495, 13497, 13537, 13546, 13551, 13557, 13669, 13754, 13756, 13794

WAI Ref. Nos: 1-1856-01ND, 1-1865-01ND, 1-1931-01ND, 1-1936-01ND, 1-1976-01ND, 1-1977-01ND, 1-1978-01ND, 1-1982-01ND, 1-1983-01ND, 1-2080-01ND, 1-2146-01ND, 1-2167-01ND, 1-2238-01ND, 1-2366-01ND

Note: With grd. strap cut-out



46-82464

Cover - S.R.E. Frame

For: Nippondenso 60-70A IR/IF Alternators

Used On: (1998-93) Geo, Suzuki, Toyota

Unit Nos: Nippondenso 101211-006, 101211-007, 101211-012, 101211-013, 101211-019, 101211-020, 101211-034, 101211-035, 101211-053, 101211-055, 101211-072, 101211-073, 101211-074, 101211-412, 101211-413

(cont'd.)

(cont'd.)

Lester Nos: 13409, 13482, 13486, 13492, 13496, 13499, 13512, 13536, 13659, 13670, 13671, 13673, 13679, 13680

WAI Ref. Nos: 1-1763-01ND, 1-1838-01ND, 1-1839-01ND, 1-1863-01ND, 1-1885-01ND, 1-1892-01ND, 1-1930-01ND, 1-1935-01ND, 1-2051-01ND, 1-2052-01ND, 1-2053-01ND, 1-2081-01ND, 1-2148-02ND, 1-2157-01ND

Note: Without grd. strap cut-out



46-82465

Cover - S.R.E. Frame

For: Nippondenso 120-130A ER/IF Alternators

Used On: (2000-96) Chrysler, Dodge, Plymouth

Unit Nos: Nippondenso 121000-416, -421, -426, -433, -433

Lester Nos: 13592, 13594, 13741, 13765

WAI Ref. Nos: 1-2007-01ND, 1-2056-01ND, 1-2075-01ND, 1-2228-01ND



46-82466

Cover - S.R.E. Frame

For: Nippondenso 120-140A ER/IF Alternators

Used On: (2005-98) Chrysler, Dodge, Jeep

Unit Nos: Nippondenso 121000-423, -425, -437, -4482, -453, -454, -458, -458

Lester Nos: 11116, 13763, 13790, 13873, 13874, 13964

WAI Ref. Nos: 1-2188-01ND, 1-2286-01ND, 1-2289-01ND, 1-2389-01ND, 1-2497-01ND, 1-2537-01ND

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-82467

Cover - S.R.E. Frame

For: Nippondenso 81-117A ER/IF Alternators

Used On: (2003-99) Dodge, Jeep
Unit Nos: Nippondenso 121000-361, -362, -363, -367, -376, -378, -378

Lester Nos: 13822, 13823, 13834, 13906, 13910

WAI Ref. Nos: 1-2224-01ND, 1-2225-01ND, 1-2285-01ND, 1-2388-01ND, 1-2388-02ND,



46-82469

Cover - S.R.E. Frame

For: Nippondenso 60-70A IR/IF Alternators

Used On: (2000-97) Suzuki, Toyota
Unit Nos: Nippondenso 102211-504, -505, -509, -513, -515

Lester Nos: 13671, 13673, 13680, 13711, 13858

WAI Ref. Nos: 1-2182-01ND, 1-2183-01ND, 1-2211-01ND, 1-2323-01ND, 1-2424-01ND



46-82471

Cover - S.R.E. Frame

For: Nippondenso 136A ER/IF Alternators

Used On: (2005-99) Dodge
Unit Nos: Nippondenso 121000-427, -428, -429, -435, -459

Lester Nos: 13766, 13824, 13842
WAI Ref. Nos: 1-2226-01ND; 1-2227-01ND, -02ND; 1-2534-01ND



46-82468

Cover - S.R.E. Frame

For: Nippondenso 80-95A IR/IF Alternators

Used On: (2002-96) Acura, Honda, Isuzu

Replaces: Honda 31135-P2C-003

Unit Nos: Nippondenso 101211-925, -931, -933, -976, -981, -986, -997, -999; 102211-101, -102, -126, -127, -171

Lester Nos: 13674, 13677, 13722, 13737, 13743, 13767, 13776

WAI Ref. Nos: 1-2022-01ND, 1-2055-01ND, 1-2083-01ND, 1-2122-01ND, 1-2142-01ND, 1-2189-01ND, 1-2194-01ND

Note: With grd. strap cut-out



46-82470

Cover - S.R.E. Frame

For: Nippondenso 100-110A IR/IF Alternators

Used On: (2004-95) Lexus, Mazda, Toyota

Replaces: Mazda KL47-18-W80, Toyota 27039-20010, 27039-20060

Unit Nos: Nippondenso 101211-707, -717, -752, -775, -784; 102211-059, -065

Lester Nos: 13688, 13706, 13806, 13844

WAI Ref. Nos: 1-2085-01ND, 1-2181-01ND, -02ND; 1-2190-01ND; 1-2277-01ND, -02ND,



46-82480

Cover - S.R.E. Frame

For: Nippondenso 45-60A IR/IF Alternators

Used On: (1995-85) Chevrolet, Daihatsu, Geo, Isuzu, Suzuki, Toyota; Toyota Forklift

Replaces: Daihatsu 27039-87704-000; GM 94455165, 96051989; Honda 31135-PJ7-003; Isuzu 8-94159-782-0, 8-94455-165-0; Suzuki 31614-86510, Toyota 27039-72150

Unit Nos: Nippondenso 100211-155, -156, -157, -407, -411, -413, -415, -417, -426, -429, -435, -660, -672, -686, -687, -693, -696, -699; 101211-202, -236

Lester Nos: 12183, 12184, 13214, 13239, 13255, 13316, 13390, 13414, 13522, 14684, 14732, 14733, 14843, 14870, 14872, 14937, 14940

WAI Ref. Nos: 1-1085-01ND, 1-1228-01ND, 1-1230-01ND, 1-1230-02ND, 1-1237-01ND, 1-1238-01ND, 1-1260-01ND, 1-1261-01ND, 1-1519-01ND, 1-1881-01ND, 1-1968-01ND, 1-1969-01ND, 1-2439-01ND

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



46-82481

Cover - S.R.E. Frame

For: Nippondenso 110-120A IR/IF Alternators

Used On: (1997-91) Acura, Jaguar

Unit Nos: Nippondenso 100211-617, 100211-631, 100211-645, 101211-722

Lester Nos: 13387, 13524, 13685, 13690

WAI Ref. Nos: 1-1410-01ND, 1-1889-01ND, 1-2084-01ND, 1-2259-01ND



46-82482

Cover - S.R.E. Frame

For: Nippondenso 105-130A IR/IF Alternators

Used On: (2003-99) Acura, Honda

Replaces: Honda 31135-P8F-A01

Unit Nos: Nippondenso 101211-785, 102211-068, 102211-069

Lester Nos: 13769, 13835, 13836

WAI Ref. Nos: 1-2239-01ND, 1-2374-01ND, 1-2375-01ND



46-82483

Cover - Brush Holder

For: Nippondenso 120-136A ER/IF Alternators

Used On: (2005) Chrysler, Dodge

Unit Nos: Chrysler 4606755AC; 4868431AF, AG; Nippondenso 421000-022, -023

Lester Nos: 13868, 13871

WAI Ref. Nos: 1-2324-01ND, 1-2505-01ND

Note: Used on 39-8206 brush holder assy.



46-82485

Cover - Brush Holder

For: Nippondenso 120-140A ER/IF, IR/IF Alternators

Used On: (2005-01) Cadillac, Chrysler, Dodge, Jeep, Pontiac

Unit Nos: Nippondenso 104210-306, -307; 421000-001, -002, -003, -004, -006, -010, -011, -012

Lester Nos: 13867, 13870, 13871, 13912, 13913, 13914, 13919, 13923

WAI Ref. Nos: 1-2324-01ND, 1-2407-01ND, 1-2407-02ND, 1-2441-01ND, 1-2505-01ND, 1-2507-01ND, 1-2524-01ND, 1-2536-01ND, 1-2540-01ND

Note: Used on WAI 39-8207, INB420-1 brush holder assys.



46-82500

Bearing Retainer - D.E. Frame

For: Nippondenso ER/IF, IR/IF Alternators

Used On: (2005-85) Acura, Chevrolet, Chrysler, Dodge, Eagle, Geo, Honda, Isuzu, Jaguar, Jeep, Lexus, Mazda, Plymouth, Toyota, Volvo; John Deere

Lester Nos: 13184, 185, 234, 245, 252, 256, 276, 278, 280, 301, 302, 304-313, 319, 321, 325, 331, 341, 353, 354, 384-389, 393, 394, 396, 407, 408, 410, 413, 419, 424, 440, 442, 443, 444, 453, 454, 457, 481, 487, 489, 495, 497, 498, 501, 502, 506, 507, 519, 524, 525, 529, 537, 538, 539, 540, 545-548, 551, 552, 553, 556, 557, 558, 562, 578, 592, 593, 594, 668, 669, 674, 675, 677, 685, 687, 688, 690, 706, 715, 722, 732, 737, 738, 741, 742, 743, 747, 748, 754, 755, 756, 763, 765-769, 776, 790, 794, 806, 822, 823, 824, 842, 844; 14460

Dim: 68mm W x 68mm L

Note: Used w/ 10-3042-4 ball bearing



46-82550

Cup - D.E. Bearing Conversion

For: Nippondenso IR/IF Alternators

Dim: 42mm ID x 46mm OD x 13.2mm W

Note: Used w/ 6-302-4 ball bearing, 46-89602 spacer to replace 10-3022-4 ball bearing w/ 15mm ID x 46mm OD x 14mm W



46-82551

Cup - D.E. Bearing Conversion

For: Nippondenso ER/IF, IR/IF Alternators

Dim: 47mm ID x 52mm OD x 15.2mm W

Note: Used w/ 6-303-4 ball bearing, 46-89604 spacer to replace 10-3042-4 ball bearing w/ 17mm ID x 52mm OD x 16mm W

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



46-82553

Cup - D.E. Bearing Conversion

For: Nippondenso IR/IF Alternators
Dim: 42mm ID x 52mm OD x 15.2mm W
Note: Used w/ 6-302-4 ball bearing, 46-89607 spacer to replace 10-3041-4 ball bearing w/ 15mm ID x 52mm OD x 16mm W



46-82700

Cover - S.R.E. Bearing (Ext.)

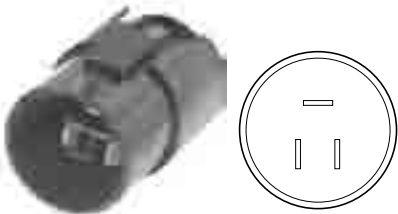
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 15mm ID x 22mm OD x 2.2mm T



46-82701

Cover - S.R.E. Bearing (Int.)

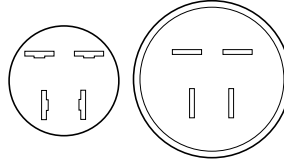
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 15.4mm ID x 26mm OD x .25mm T



46-82800

Repair Plug - 3-Prong

For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings
Features:
 • Simply slides over broken plug



46-82801

Extension Harness - 4-Prong

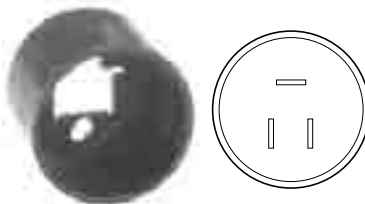
For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings.
 Extends original harness permitting more regulator clock positions. Used w/ plug codes 290, 292, 294.



46-82802

Spring Washer - S.R.E. Bearing

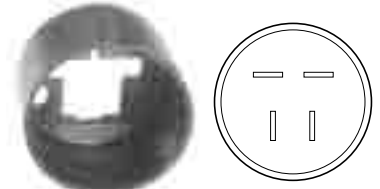
For: Nippondenso ER/IF, IR/IF Alternators
Dim: 24.5mm ID x 35.2mm OD



46-82805

Repair Plug - 3-Prong

For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings.
 Requires 84-1110 screw.
 Included in 49-82100 regulator plug kit.



46-82806

Repair Plug - 4-Prong

For: Nippondenso IR/IF Alternators
Note: Used to repair broken regulator housings.
 Requires 84-1110 screw.
 Included in 49-82106 regulator plug kit.



46-82807

Repair Harness - 3-Prong

For: Nippondenso IR/IF Alternators
Used On: (1997-83) Chevrolet, Daihatsu, Dodge, Geo, Honda, Isuzu, Jaguar, Lexus, Suzuki, Toyota; John Deere
Note: Used w/ plug codes 280, 282, 284



46-82808

Repair Harness - 4-Prong

For: Nippondenso IR/IF Alternators
Used On: (1997-85) Acura, Honda, Isuzu, Sterling
Note: Used w/ plug codes 290, 292, 294



46-89600

Spacer - S.R.E. Bearing Conversion

For: Nippondenso ER/IF, IR/IF Alternators
Dim: 15mm ID x 29mm OD x 2mm W
Note: Used w/ 6-202-4 ball bearing to replace 10-2021-4 ball bearing w/ 15mm ID x 35mm OD x 13mm W

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

NIPPONDENSO (cont'd.)



46-89602

Spacer - D.E. Bearing Conversion

For: Mitsubishi IR/IF; Nippondenso ER/IF, IR/IF Alternators

Dim: 15mm ID x 22mm OD x 1mm W

Note: Used w/ 6-302-4 ball bearing, 46-82550 sleeve to replace 10-3022-4 ball bearing w/ 15mm ID x 46mm OD x 14mm W.

Used w/ 6-302-4 ball bearing, 46-83551 sleeve to replace 10-3031-4 ball bearing w/ 15mm ID x 47mm OD x 14mm W. Also used as pulley spacer w/ 24-82265, 24-83265 pulleys.



46-89604

Spacer - D.E. Bearing Conversion

For: Nippondenso ER/IF, IR/IF Alternators

Dim: 17mm ID x 29mm OD x 2mm W

Note: Used w/ 6-303-4 ball bearing, 46-82551 cup to replace 10-3042-4 ball bearing w/ 17mm ID x 52mm OD x 16mm W



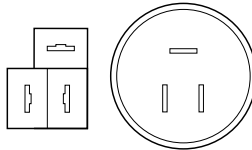
46-89607

Spacer - D.E. Bearing Conversion

For: Nippondenso IR/IF Alternators

Dim: 15mm ID x 29mm OD x 3mm W

Note: Used w/ 6-302-4 ball bearing, 46-82553 cup to replace 10-3041-4 ball bearing w/ 15mm ID x 52mm OD x 16mm W



46-89815

Adapter Plug

For: Nippondenso IR/EF Alternators

Used On: Toyota

Lester Nos:

14341 to 14672

WAI Ref. Nos:

1-1048-02ND to 1-1049-01ND

Note: Converts Toyota alternators w/ L-shaped plug to Toyota alternators w/ round plug.



49-82100

Regulator Plug Kit - 3-Terminal

For: Nippondenso IR/IF Alternators

Note: Used to repair broken regulator housing.

To install:

- Use pliers to break away as much of the original round connector as possible.
- Remove any remaining plastic with a grinder until the repair connector will sit flush against the original terminal area.
- Holding the connector in proper alignment, mark for a drill hole on the regulator through the connector's counter-sunk hole.
- Drill a 3/32" hole completely through the regulator's plastic base and align repair plug flat against the base.
- Secure the connector with the flat phillips head screw (provided).

Components:

46-82805 Repair Plug

84-1110 Screw 4-24



49-82106

Regulator Plug Kit - 4-Terminal

For: Nippondenso IR/IF Alternators

Note: Used to repair broken regulator housing.

To install:

- Use pliers to break away as much of the original round connector as possible.
- Remove any remaining plastic with a grinder until the repair connector will sit flush against the original terminal area.
- Holding the connector in proper alignment, mark for a drill hole on the regulator through the connector's counter-sunk hole.
- Drill a 3/32" hole completely through the regulator's plastic base and align repair plug flat against the base.
- Secure the connector with the flat phillips head screw (provided).

Components:

46-82806 Repair Plug

84-1110 Screw 4-24



INP420

Terminal Block

For: Nippondenso ER/IF Alternators

Used On: (2005-02) Chrysler, Dodge, Jeep

Unit Nos: Chrysler 4606622AA; 56029700AA, AB, AC; 56029701AA, 56029914AA;

Nippondenso 421000-004, -010, -011, -012, -0121

Lester Nos: 13912, 13913, 13914, 13923

WAI Ref. Nos: 1-2441-01ND, 1-2524-01ND, 1-2536-01ND, 1-2541-01ND

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)



INP421
(Ref# 46-82203)
Terminal Block

For: Nippondenso ER/IF Alternators
Used On: (2005-01) Chrysler, Dodge
Unit Nos: Chrysler, 4727324AB; 4868430AB, AC, AD, AE; 4868431AB, AC, AF, AG;
 Nippondenso, 421000-001, -0012, -002, -003, -0223, -0223,
Lester Nos: 13867, 13870, 13871
WAI Ref. Nos: 1-2505-01ND, 1-2507-01ND, 1-2540-01ND



WAF01
(Ref# 46-89800)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Toyota
Lester Nos:
 14130 to 14273;
 14138 to 14273;
 14153 to 14181;
 14153 to 14273
WAI Ref. Nos:
 1-1044-01ND to 1-1032-01ND;
 1-1044-01ND to 1-1577-01ND;
 1-1064-01ND to 1-1032-01ND
Note: Converts plug code 140 used on early Toyota ER/EF alternators to plug code 300 used on late Toyota ER/EF alternators w/ green plug.



WAF04
(Ref# 46-89803)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Nissan
Lester Nos:
 14130 to 14118;
 14129 to 14105
Note: Converts 3-Wire Toyota Alternators to fit 2-Wire Nissan Alternators



WAF08
(Ref# 46-89807)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Toyota
Lester Nos:
 14130 to 14153;
 14131 to 14158
WAI Ref. Nos:
 1-1064-01ND to 1-1044-01ND;
 1-1056-01ND to 1-1005-01ND
Note: Converts Toyota Alternators wo/ Locking Plug to Toyota Alternators w/ Locking Plug



WAF07
(Ref# 46-89806)
Adapter Plug

For: Nippondenso ER/EF Alternators
Used On: Toyota
Lester Nos:
 14153 to 14140, 14275;
 14158 to 13169, 14315, 14334
Note: Adapts Externally Regulated Toyota Alternators to replace Internally Regulated Alternators

ALTERNATOR - SMALL PARTS (41-, 42-, 46-, 49-)

PRESTOLITE



49-6100

Retainer & Seal Kit - D.E. Bearing

For: Prestolite ANB Series Alternators

Replaces: Prestolite 90-2164



49-6103

Retainer & Seal Kit - S.R.E. Bearing

For: Prestolite ANB Series Alternators

Replaces: Prestolite 90-2059



49-6500

Terminal Kit - Rectifier

For: Prestolite ANB Series Alternators

Replaces: Prestolite 90-2391

Components:

- 84-1323 Screw 10-24
- 84-2402 Hex Nut 1/4-28
- 84-4304 Flat Washer No. 10
- 84-4309 Lock Washer No. 10
- 84-4401 Lock Washer 1/4
- 84-4403 Flat Washer 1/4

VALEO



46-94407

Tolerance Ring / Cover

For: Paris Rhone / Valeo IR/EF Alternators

Used On: (1990-77) Eagle, Peugeot, Porsche, Renault, Volvo
Unit Nos: Paris Rhone / Valeo A13N1M, A13N2M, A13N21T, A13N34, A13N35M, A13N36M, A13N55M, A13N57M, A13N61T, A13N147M, A13N148M, A13N229T, A13N239, A13N262, A14N11, A14N14, A14N23, A14N28T, A14N32T, A14N38, A14N3T, A14N47M, A14N50, A14N51, A14N55, A14N56, A14N59, A14N63, A14N65, A14N67, A14N69, A14N71, A14N73, A14N76, A14N77, A14N78, A14N80, A14N81M, A14N82, A14N88, A14N89, A14N95, A14N97, A14N99, A14N112M, A14N113, A14N118M, A14N160, A14N206M, A14R33

Lester Nos: 13068, 13224, 14331, 14420, 14594, 14602, 14892, 14894, 14895, 14899, 14900, 14955, 14957, 14961, 14963

WAI Ref. Nos: 1-1294-01PR, 1-1306-01PR, 1-1307-01PR, 1-1308-01PR, 1-1311-01PR, 1-1331-01PR, 1-1336-01PR, 1-1361-01PR, 1-1362-01PR, 1-1579-01PR, 1-1602-01PR, 1-1938-01PR, 1-1945-01PR

Note: Used w/ 6201 ball bearing
w/ 12mm ID x 32mm OD x 10mm W



46-94421

Cover - Slip Ring

For: Valeo IR/IF Alternators

Used On: (2005-01) Buick, Chevrolet, Oldsmobile, Pontiac, Saturn

Unit Nos: Delco / GM 10300559, 10317731, 10426395, 22683070, 22683071; Valeo 2542454A, 2650135A; SG10S034, 036, 044; SG12B0S41; SG12S057, 070, 083, 084, 084

Lester Nos: 13866, 13938, 13944

WAI Ref. Nos: 1-2506-01VA, 1-2551-01VA, 1-2552-01VA

Note: Used on WAI M524 regulator.

SPECIALTY



R330

Resistor

1/2 Watt, 330 Ohm, 5%

Note: General-purpose resistor

Features:

- Transpo

ALTERNATOR - STATORS (27-)

BOSCH



27-9105

Stator

115 Amp/12 Volt

For: Bosch 468 Series 110-115A IR/EF Alternators

Used On: (1996-87) Alfa Romeo, Audi, BMW, Jaguar, Saab

Replaces: Bosch 1-125-045-127, -195

Unit Nos: Bosch 0-120-468-001, -002, -003, -007, -008, -017, -018, -019, -020, -023, -025, -027, -028, -030, -031, -035, -036, -042, -043, -045, -046, -050, -051, -056, -061, -062, -067, -068, -069, -070, -112

Lester Nos: 12131, 13216, 13242, 13260, 13270, 13281, 13360, 13362, 13364, 13602, 14956

WAI Ref. Nos: 1-1272-01BO, 1-1279-01BO, 1-1285-01BO, 1-1285-02BO, 1-1325-01BO, 1-1351-01BO, 1-1351-02BO, 1-1370-01BO, 1-1476-00BO, 1-1476-01BO, 1-1540-00BO, 1-1540-01BO, 1-1698-01BO, 1-1851-01BO, 1-2045-01BO

Dim: 104mm ID x 142mm Mtg. OD

Features:

- 100% New

DELCO

10DN, 10SI Series



27-100

Stator

63 Amp/12 Volt

For: Delco 10DN Series 37-63A ER/EF Alternators

Replaces: Delco 1959381, 1962025

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New



27-102

Stator

72 Amp/12 Volt

For: Delco 10SI Series 55-63A; 10SI/Type 116, 136 Series 72A IR/EF Alternators

Replaces: Delco 1851572, 1971639

Lester Nos: 7127, 33, 45, 50, 54, 65, 77, 85, 86, 99; 7282

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New



27-102-105

Stator

Custom Hi-Output 105 Amp/12 Volt

For: Delco 10SI Series; 10SI/Type 116, 136 Series IR/EF Alternators

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New
- For building custom 105 amp hi-output alternators



27-102-140

Stator

Custom Hi-Output 140 Amp/12 Volt

For: Delco 10SI Series; 10SI/Type 116, 136 Series IR/EF Alternators

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New
- For building custom 140 amp hi-output alternators

CHRYSLER



27-303

Stator

90 Amp/12 Volt

For: Chrysler 40/90A ER/EF Alternators

Replaces: Chrysler 5226072

Unit Nos: Chrysler 5226200, 5227100

Lester Nos: 7002

Dim: 106mm ID x 141mm Mtg. OD

Note: Laminations are machined on outer edges

ALTERNATOR - STATORS (27-)

DELCO

10DN, 10SI Series (cont'd)



27-102-85
Stator

Custom Hi-Output 85 Amp/12 Volt

For: Delco 10SI Series; 10SI/Type 116, 136 Series IR/EF Alternators

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New
- For building custom 85 amp hi-output alternators



27-150
Stator

37 Amp/12-24 Volt

For: Delco 10DN, 10SI Series 18-37A/12-24V IR/EF Alternators

Replaces: Delco 1986280, 1971986

Lester Nos: 7127, 28, 33, 48, 52, 62, 63, 64, 65, 75, 76, 78, 81, 85, 95, 98, 99; 7277, 82, 89

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New

12SI Series



27-103
Stator

78 Amp/12 Volt

For: Delco 12SI Series 56-78A IR/EF Alternators

Replaces: Delco 1984445, 1984584

Lester Nos: 7272, 73, 74, 75, 77, 78, 79, 82, 92, 93

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New



27-104
Stator

94 Amp/12 Volt

For: Delco 12SI Series 94A IR/EF Alternators

Replaces: Delco 10497041

Lester Nos: 7294, 7830

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads

Features:

- 100% New



27-104-160
Stator

Custom Hi-Output 160 Amp/12 Volt

For: Delco 12SI Series IR/EF Alternators

Dim: 105mm ID x 135mm Mtg. OD

Note: 3-Leads, 2-Wires/Lead

Features:

- 100% New
- For building custom 160 amp hi-output alternators

15SI, 17SI Series



27-107
Stator

108 Amp/12 Volt

For: Delco 15SI Series 105A; 17SI Series 97-108A IR/EF Alternators

Replaces: Delco 1979722, 1985625

Dim: 108mm ID x 144mm Mtg. OD

Note: 3-Leads

Features:

- 100% New



27-108
Stator

120 Amp/12 Volt

For: Delco 17SI Series 120A IR/EF Alternators

Replaces: Delco 1988989, D3168

Dim: 108mm ID x 144mm Mtg. OD

20SI Series



27-109

Stator

60 Amp/12 Volt

For: Delco 20SI Series 60A/12V IR/EF Alternators

Replaces: Delco 1894490

Dim: 105mm ID x 135mm Mtg. OD

Features:

- 100% New



27-110

Stator

45 Amp/24 Volt

For: Delco 20SI Series 35-45A/24V IR/EF Alternators

Replaces: Delco 1894467, 1974548

Dim: 105mm ID x 135mm Mtg. OD

Features:

- 100% New

21SI, 22SI, CS144 Series



27-125

Stator

130 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series 115-130A; CS144 Series 108-124A IR/EF Alternators

(cont'd)

(cont'd)

Replaces: Delco 1989705, 10468714, 10469216, 10472540, 10472882, 10494279

Dim: 108mm ID x 144mm Mtg. OD

Features:

- 100% New



27-126

Stator

100 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series 90-100A IR/EF Alternators

Replaces: Delco 10467261, 10467994

Dim: 108mm ID x 144mm Mtg. OD

Note: 9 turns per slot

Features:

- 100% New



27-129-1

Stator

145-160 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series 145-160A IR/EF Alternators

Replaces: Delco 10471056

Dim: 108mm ID x 144mm Mtg. OD

Note: 8 turns per slot

Features:

- 100% New



27-129-200

Stator

Custom Hi-Output 220 Amp/12 Volt

For: Delco 21SI, 22SI, 23SI Series IR/EF Alternators

Dim: 108mm ID x 144mm Mtg. OD

Features:

- 100% New
- For building custom 220 amp hi-output alternators



27-133

Stator

145 Amp/12 Volt

For: Delco CS144 Series 140-145A IR/EF Alternators

Replaces: Delco 10470439

Dim: 108mm ID x 144mm Mtg. OD

Note: 9 turns per slot

Features:

- 100% New



27-135-1

Stator

50-70 Amp/24 Volt

For: Delco 21SI, 22SI, 23SI Series 50-70A IR/EF Alternators

Replaces: Delco 10470688, 10470875

Dim: 108mm ID x 144mm Mtg. OD

Features:

- 100% New

ALTERNATOR - STATORS (27-)

DELCO

25SI, 26SI Series



27-111
Stator

75 Amp/12-24 Volt

- For:** Delco 25SI, 26SI Series
75A/12-24V IR/EF Alternators
Replaces: Delco 1968892
Dim: 116mm ID x 152mm Mtg. OD
Components:
41-1305 Grommet
Features:
- 100% New



27-130
Stator

85 Amp/12 Volt

- For:** Delco 25SI, 26SI Series 85A/12V
IR/EF Alternators
Replaces: Delco 10499385
Dim: 116mm ID x 152mm Mtg. OD
Features:
- 100% New



27-115
Stator

100 Amp/12 Volt

- For:** Delco 27SI/Type 100, 200, 205
Series 100A/12V IR/EF Alternators
Replaces: Delco 1892941
Dim: 117mm ID x 162mm Mtg. OD
Features:
- 100% New

30SI Series



27-119
Stator

60 Amp/24-32 Volt

- For:** Delco 30SI Series 60A/24-32V
IR/EF Alternators
Replaces: Delco 1876769
Dim: 116mm ID x 152mm Mtg. OD
Note: Requires 41-1310 grommet.
Features:
- 100% New

27SI Series



27-113
Stator

50 Amp/24-32 Volt

- For:** Delco 25SI, 26SI Series
50A/24-32V IR/EF Alternators
Replaces: Delco 1971465
Dim: 116mm ID x 152mm Mtg. OD
Components:
41-1305 Grommet
Features:
- 100% New



27-114
Stator

65-80 Amp/12-24 Volt

- For:** Delco 27SI/Type 100, 200, 205
Series 65-80A/12V; 27SI/Type 200
65A/24V IR/EF Alternators
Replaces: Delco 801818, 1852033;
Leece-Neville 98818
Dim: 117mm ID x 162mm Mtg. OD
Features:
- 100% New

ALTERNATOR - STATORS (27-)



27-120
Stator
90 Amp/12 Volt

For: Delco 30SI Series 90A/12V IR/EF Alternators

Replaces: Delco 1876804

Dim: 116mm ID x 152mm Mtg. OD

Components:
41-1310 Grommet

Features:

- 100% New



27-131
Stator
105 Amp/12 Volt

For: Delco 30SI Series 105A/12V IR/EF Alternators

Replaces: Delco 10497825

Dim: 116mm ID x 152mm Mtg. OD

Note: Requires 41-1310 grommet.

Features:

- 100% New

33SI, 34SI Series



27-138
Stator
135 Amp/12 Volt

For: Delco 33SI, 34SI Series 135A IR/EF Alternators

Replaces: Delco 10491242

Unit Nos: Delco 19011152, 19011155, 19011156, 19011159, 19011161, 19011163, 19011167, 19011170, 19011171, 19011172, 19011173, 19011177, 19011179, 19011182, 19011183, 19011186, 19011187

Lester Nos: 8082, 8083, 8092, 8093, 8096

Dim: 116mm ID x 152mm Mtg. OD

Features:

- 100% New



27-139
Stator
110 Amp/12 Volt

For: Delco 33SI, 34SI Series 110A IR/EF Alternators

Replaces: Delco 10492139

Unit Nos: Delco 19011150, 19011157

Lester Nos: 8080, 8090

Dim: 116mm ID x 152mm Mtg. OD

Features:

- 100% New

AD230, CS130D Series



27-142
Stator
102-105 Amp/12 Volt

For: Delco CS130D Series 102A, Delco AD230 Series 105A IR/IF Alternators

Replaces: Delco 10453510, 10494740

Unit Nos: Delco 10442782, 783; 10480184, 207, 229, 241, 271, 292, 299, 308, 317, 318, 320, 326, 330, 331, 342, 343, 352, 388, 411; 15768829, 15769252

Lester Nos: 8228, 8229, 8230, 8234, 8238, 8242, 8245, 8247, 8249, 8271, 8273, 8285, 8287, 8291

Dim: 97mm ID x 130mm Mtg. OD, 27mmT Lam Stack

Note: *CS130D, 102 amp stators are not interchangeable with CS130D 105 amp stators due to different thickness of lam stacks.

For CS130D 105 amp applications use 27-137.

Features:

- 100% New



27-148-160
Stator
Custom Hi-Output 160 Amp/12 Volt

For: Delco AD230 Series IR/IF Alternators

Dim: 97mm ID x 130mm Mtg. OD x 27mm Lam Stack T

Features:

- 100% New
- For building custom 160 amp hi-output alternators

ALTERNATOR - STATORS (27-)

DELCO

AD230, CS130D Series (cont'd)



27-148-180
Stator

Custom Hi-Output 180 Amp/12 Volt

For: Delco AD230 Series IR/IF Alternators

Dim: 97mm ID x 130mm Mtg. OD x 27mm Lam Stack T

Features:

- 100% New
- For building custom 180 amp hi-output alternators



27-145
Stator
125 Amp/ 12 Volt

For: Delco AD237 Series IR/IF Alternators

Unit Nos: Delco 10480244, 10480303, 10480327, 10480341, 10480357, 10480368, 10480414, 10480428

Lester Nos: 8235, 8241, 8244, 8277, 8278, 8286

Dim: 106mm ID x 137mm Mtg. OD x 33mm Lam Stack T

Features:

- 100% New



27-147
Stator
150 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators

Unit Nos: Delco 15062413, 15750871

Lester Nos: 8237, 8290

Dim: 109mm ID x 144mm Mtg. OD x 31.5mm Lam Stack T

Note: 4-leads/phase. Used with 28-158 rotor.

Similar to 27-146 except 27-147 has 4-leads/phase

Features:

- 100% New

AD237, AD244 Series



27-144
Stator
130 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators

Unit Nos: Delco 10480234, 10480270, 10480383, 10480390, 15768830, 15769253

Lester Nos: 8237

Dim: 109mm ID x 144mm Mtg. OD x 28mm Lam Stack T

Note: 2-leads/phase. Used with 28-153 rotor.

27-144 is similar to 27-146 stator, except 27-146 has 31.5mm lam stack thickness.

Features:

- 100% New



27-146
Stator
130 Amp/12 Volt

For: Delco AD244 Series IR/IF Alternators

Unit Nos: Delco 15062413, 15750871

Lester Nos: 8237, 8290

Dim: 109mm ID x 144mm Mtg. OD x 31.5mm Lam Stack T

Note: 2-leads/phase. Used with 28-157 rotor.

27-146 is similar to 27-144 stator, except 27-144 has 27.5mm lam stack thickness

27-146 is similar to 27-147 except that 27-146 has 2-leads/phase

Features:

- 100% New

CS121, CS121D Series



27-122
Stator
74 Amp/12 Volt

For: Delco CS121 Series 55-74A IR/EF Alternators

Replaces: Delco 10472397, 10495208, 10497320

Dim: 89mm ID x 118mm Mtg. OD

Note: • 100% New

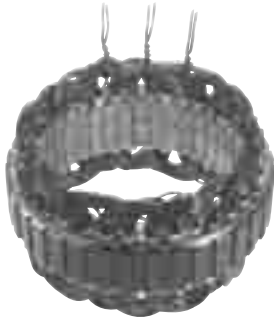
Features:

- 100% New



27-132
Stator
85 Amp/12 Volt

For: Delco CS121 Series 80-85A IR/EF Alternators
Replaces: Delco 10469997, 10476626
Lester Nos: 7819, 7937, 7968, 8128, 8179
Dim: 89mm ID x 118mm Mtg. OD
Features:
 • 100% New



27-141
Stator
90 Amp/ 12 Volt

For: Delco CS121D Series IR/IF Alternators
Used On: (2002-97) Saturn
Unit Nos: Delco 21023969, 21024727
Lester Nos: 8232
Dim: 89mm ID x 118mm Mtg. OD
Features:
 • 100% New

CS130 Series



27-123-2
Stator
85-105 Amp/12 Volt

For: Delco CS130 Series 85-105A IR/EF Alternators
 (cont'd)

(cont'd)

Replaces: Delco 10471482, 10498145
Dim: 97mm ID x 126mm Mtg. OD
Features:
 • 100% New
 • Best Value



27-123-140
Stator

Custom Hi-Output 140 Amp/12 Volt
For: Delco CS130 Series IR/EF Alternators
Dim: 97mm ID x 126mm Mtg. OD
Features:
 • 100% New
 • For building custom 140 amp hi-output alternators



27-123-180
Stator

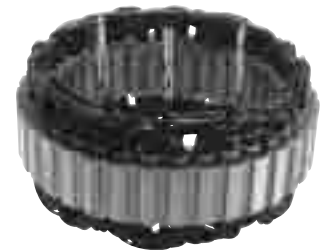
Custom Hi-Output 180 Amp/12 Volt
For: Delco CS130 Series IR/EF Alternators
Dim: 97mm ID x 126mm Mtg. OD
Features:
 • 100% New
 • For building custom 180 amp hi-output alternators



27-123-220
Stator

Custom Hi-Output 220 Amp/12 Volt
For: Delco CS130 Series IR/EF Alternators
Dim: 97mm ID x 126mm Mtg. OD
Features:
 • 100% New
 • For building custom 220 amp hi-output alternators

CS130D Series



27-137
Stator
105 Amp/12 Volt

For: Delco CS130D Series 105A IR/IF Alternators
Replaces: Delco 10475742
Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack
Note: 105 amp stators are not interchangeable with 102 amp stators due to different thickness of lam stacks. For CS130D 102 amp applications use 27-142.
Features:
 • 100% New

ALTERNATOR - STATORS (27-)

DELCO

CS130D Series (cont'd)



27-137-140
Stator

Custom Hi-Output 140 Amp/12 Volt

For: Delco CS130D Series IR/IF Alternators

Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack

Note: 3-Leads, 2-Wires/Lead

Features:

- 100% New
- For building custom 140 amp hi-output alternators



27-137-160
Stator

Custom Hi-Output 160 Amp/12 Volt

For: Delco CS130D Series IR/IF Alternators

Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack

Features:

- 100% New
- For building custom 160 amp hi-output alternators



27-137-180
Stator

Custom Hi-Output 180 Amp/12 Volt

For: Delco CS130D Series IR/IF Alternators

Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack

Note: 3-Leads, 4-Wires/Lead

Features:

- 100% New
- For building custom 180 amp hi-output alternators



27-137-220
Stator

Custom Hi-Output 220 Amp/12 Volt

For: Delco CS130D Series IR/IF Alternators

Dim: 97mm ID x 130mm Mtg. OD, 25mmT Lam Stack

Features:

- 100% New
- For building custom 220 amp hi-output alternators

FORD

1G Series 40-65A



27-200
Stator

65 Amp/12 Volt

For: Ford 1G Series 40-65A ER/EF Alternators

Replaces: Ford C5AZ-10336-A, C5SZ-10336-A, C6AZ-10366-B, C9AZ-10336-A, D8ZZ-10336-A, E3FZ-10336-A, E43Z-10336-A, GC-360, GC-374, GC-375

Dim: 92mm ID x 128mm Mtg. OD

Note: 4-Leads

Features:

- 100% New



27-200-140
Stator

Custom Hi-Output 140 Amp/12 Volt

For: Ford 1G Series 40-65A ER/EF Alternators

Dim: 92mm ID x 128mm Mtg. OD

Features:

- 100% New
- For building custom 140 amp hi-output alternators

ALTERNATOR - STATORS (27-)

1G Series 70-100A



27-202

Stator

100 Amp/12 Volt

For: Ford 1G Series 70-100A ER/EF, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Replaces: Ford D2OZ-10336-A, E2HZ-10336-A, E2HZ-10336-B, GC-311, GC-312, GC-371, GC-372

Dim: 114mm ID x 155 Mtg. OD

Features:

- 100% New



27-202-200

Stator

Custom Hi-Output 200 Amp/12 Volt

For: Ford 1G Series 70-100A ER/EF Alternators

Dim: 114mm ID x 155 Mtg. OD

Note: 3-Leads, 4-Wires/Lead

Features:

- 100% New
- For building custom 200 amp hi-output alternators

1G Series Truck 90A



27-205

Stator

90 Amp/12 Volt

For: Ford 1G Series Truck 90A ER/EF Alternators

Replaces: Ford C9HZ-10336-A, D4HZ-10336-A, GC-303, GC-314

Dim: 114mm ID x 154 Mtg. OD

2G Series



27-208

Stator

80 Amp/12 Volt

For: Ford 2G Series 80A IR/EF Alternators

Replaces: Ford E8FZ-10336-A, GC-394

Dim: 102mm ID x 128mm Mtg. OD

Features:

- 100% New

3G Small Frame



27-209-1

Stator

95 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators

Dim: 100mm ID x 129mm Mtg. OD

Features:

- 100% New
- Insulated and laminated like OE for consistent quality and performance
- Extra long lead wires, stripped for ease of installation. Trim to desired length



27-209-140

Stator

Custom Hi-Output 140 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators

Dim: 100mm ID x 129mm Mtg. OD

Features:

- 100% New
- For building custom 140 amp hi-output alternators

ALTERNATOR - STATORS (27-)

FORD

3G Small Frame (cont'd)



**27-209-170
Stator**

Custom Hi-Output 170 Amp/12 Volt

For: Ford 3G Series 75-95A IR/IF Alternators

Dim: 100mm ID x 129mm Mtg. OD

Features:

- 100% New
- For building custom 170 amp hi-output alternators



**27-212-170
Stator**

Custom Hi-Output 170 Amp/12 Volt

For: Ford 3G, 4G Series 130A IR/IF Alternators

Dim: 112mm ID x 142mm Mtg. OD

Features:

- 100% New
- For building custom 170 amp hi-output alternators

6G Series



**27-215
Stator**

135 Amp/12 Volt

For: Ford 6G Series 130-135A IR/IF Alternators

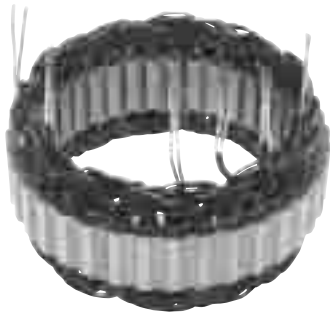
Dim: 112mm ID x 142mm Mtg. OD

Note: 27-215 is similar to 27-212-1 except that 27-212-1 has slightly shorter leads (5mm) for 3G, 4G alternator applications.

Features:

- 100% New

3G Large Frame, 4G Series



**27-212-1
Stator**

130 Amp/12 Volt

For: Ford 3G, 4G Series 130A IR/IF Alternators

Dim: 112mm ID x 142mm Mtg. OD

Note: 27-212-1 is similar to 27-215 except that 27-215 has slightly longer leads (5mm) for 6G alternator applications.

Features:

- 100% New



**27-212-240
Stator**

Custom Hi-Output 240 Amp/12 Volt

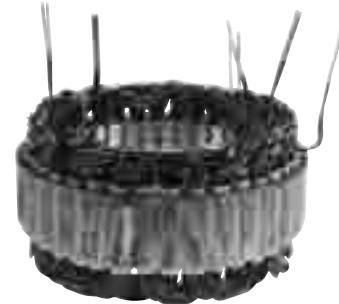
For: Ford 3G, 4G Series 130A IR/IF Alternators

Dim: 112mm ID x 142mm Mtg. OD

Note: 6-Leads, 3-Wires/Lead

Features:

- 100% New
- For building custom 240 amp hi-output alternators



**27-216
Stator**

110 Amp/12 Volt, 2-Leads/Phase

For: Ford 6G Series 110A IR/IF Alternators

Dim: 100mm ID x 130mm Mtg. OD

Note: Early style w/ 2-leads/phase. For late style w/ 1-lead/phase use 27-217.

Features:

- 100% New



27-216-140
Stator

**Custom Hi-Output 140 Amp/12 Volt,
2-Leads/Phase**

For: Ford 6G Series 110A IR/IF
Alternators

Dim: 100mm ID x 130mm Mtg. OD

Note: Early style w/ 2-leads/phase

Features:

- 100% New
- For building custom 140 amp hi-output alternators



27-217
Stator

110 Amp/12 Volt, 1-Lead/Phase

For: Ford 6G Series 110A IR/IF
Alternators

Dim: 100mm ID x 130mm Mtg. OD

Note: Late style w/ 1-lead/phase.
For early style w/ 2-leads/phase use
27-216.

Features:

- 100% New



27-8101
Stator
60 Amp/12 Volt

For: Hitachi 50-60A IR/IF Alternators
Used On: (1996-90) Honda, Isuzu,
Nissan

Unit Nos: Hitachi LR150-711,
LR160-723B, LR160-724, LR160-725,
LR160-726

Lester Nos: 13287, 13531, 13564,
14859, 14960

WAI Ref. Nos: 1-1118-01HI,
1-1878-01HI, 1-1879-01HI, 1-1880-01HI,
1-1953-01HI

Dim: 93mm ID x 117mm Mtg. OD

Note: 3-Leads

Features:

- 100% New

HITACHI



27-216-170
Stator

**Custom Hi-Output 170 Amp/12 Volt,
2-Leads/Phase**

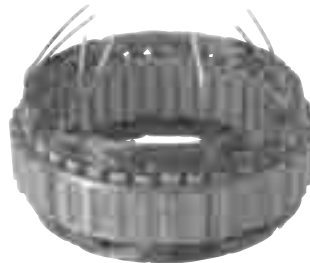
For: Ford 6G Series 110A IR/IF
Alternators

Dim: 100mm ID x 130mm Mtg. OD

Note: Early style w/ 2-leads/phase.

Features:

- 100% New
- For building custom 170 amp hi-output alternators



27-8100
Stator

90 Amp/12 Volt

For: Hitachi 90A/12V IR/IF Alternators

Used On: (1994-85) Infiniti, Nissan

Unit Nos: Hitachi LR190-704, B;
LR190-706, LR190-707; LR190-709, B;
LR190-711, LR190-714

Lester Nos: 13262, 14661, 14752

WAI Ref. Nos: 1-1122-01HI,
1-1477-01HI, 1-2099-01HI

Dim: 104mm ID x 135mm Mtg. OD

Note: 6-Leads

Features:

- 100% New



27-8102
Stator
70 Amp/12 Volt

For: Hitachi 70A IR/IF Alternators

Used On: (1994-91) Nissan

Unit Nos: Hitachi LR170-738, B, C

Lester Nos: 13334

WAI Ref. Nos: 1-1423-01HI

Dim: 93mm ID x 117mm Mtg. OD

Note: 4-Leads

Features:

- 100% New

ALTERNATOR - STATORS (27-)

HITACHI (cont'd)



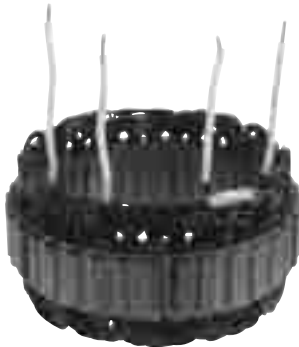
27-8103
Stator
70 Amp/12 Volt

For: Hitachi 60-70A IR/IF Alternators
Used On: (2001-95) Honda, Isuzu, Nissan
Unit Nos: Hitachi LR160-725C, -731; LR170-738E, -748, -748B, -755, -757B; Isuzu 8-97101-816-1, -2; 8-97130-752-0; 8-97130-776-0, -1; Nissan 23100-0E706, -0M003, -3S500
Lester Nos: 13334, 13637, 13744, 13757, 13775, 13778
WAI Ref. Nos: 1-1423-01HI, 1-2001-01HI, 1-2089-02HI, 1-2090-01HI, 1-2180-01HI, 1-2191-01HI,
Dim: 93mm ID x 117mm Mtg. OD
Note: 4-Leads
Features:
 • 100% New



27-8104
Stator
60 Amp/12 Volt

For: Hitachi 60A IR/IF Alternators
Used On: (1997-95) Nissan
Unit Nos: Hitachi LR160-727, LR160-730C; Isuzu, 8-97104-101-2; Nissan 23100-0S300
Lester Nos: 13644, 13745
WAI Ref. Nos: 1-2002-01HI, 1-2089-01HI
Dim: 93mm ID x 117mm Mtg. OD
Note: 3-Leads
Features:
 • 100% New



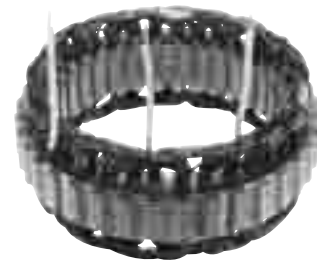
27-8105-1
Stator
65 Amp/12 Volt

For: Hitachi 65A IR/IF Alternators
Used On: (1991-87) Nissan, Subaru
Unit Nos: Hitachi LR165-704B, LR165-707, LR165-707B
Lester Nos: 13250, 14743
WAI Ref. Nos: 1-1128-01HI, 1-1258-01HI
Dim: 93mm ID x 117mm Mtg. OD
Note: 3-Leads
Features:
 • 100% New



27-8106
Stator
70 Amp/12 Volt

For: Hitachi 70A IR/EF Alternators
Used On: Hino, Isuzu Truck
Unit Nos: Hitachi LR170-401, LR170-404, B, C; LR170-410; LR170-418B, C
Lester Nos: 14735, 14753
WAI Ref. Nos: 1-1426-01HI, 1-1940-01HI, 1-1940-02HI, 1-2271-01HI
Dim: 104mm ID x 135mm Mtg. OD
Note: 3-Leads
Features:
 • 100% New



27-8109
Stator
50 Amp/12 Volt

For: Hitachi 50A IR/EF Alternators
Used On: (1989-78) Nissan; White
Unit Nos: Hitachi LR150-98B, -99B, -165, -177, -194B, -197B
Lester Nos: 14255, 14647, 14659
WAI Ref. Nos: 1-1109-01HI, 1-1114-01HI, 1-1567-01HI
Dim: 95mm ID x 124mm Mtg. OD
Features:
 • 100% New



27-8110
Stator
80 Amp/12 Volt

For: Hitachi 80A IR/IF Alternators
Used On: (1994-91) Infiniti, Nissan
Unit Nos: Hitachi LR180-725, -725B, -725C, -729, -733, -734B, -736B; Nissan 23100-0P000, -0P501, -1E400, -53F00, -64J00, -64J01, -64J03
Lester Nos: 13273, 13329, 13474, 13534
WAI Ref. Nos: 1-1120-01HI, 1-1425-01HI, 1-1427-01HI, 1-1954-01HI
Dim: 99mm ID x 126mm Mtg. OD
Features:
 • 100% New

LEECE-NEVILLE



27-501
Stator

105 Amp/12 Volt

For: Leece-Neville 2600JB, 7600 Series 105A/12V IR/EF Alternators

Replaces: Leece-Neville 77303, 77339, 78989

Unit Nos: Leece-Neville 2300J, 2600J, 7600A, 7600JA, 7601A, 7601JA, 7602A, 7602JA, 7603A, 7604A, 7604JA, 7605A, 7605JA, 7606A, 7606JA, 7607JA

Dim: 122mm ID x 163mm Mtg. OD

Features:

- 100% New



27-503
Stator

160 Amp/12 Volt

For: Leece-Neville 2800JB, 7700 Series 160A/12V IR/EF Alternators

Replaces: Leece-Neville 97078

Unit Nos: Leece-Neville 2800J, 5522AA, 7706A, 7706AA, 7706JA, 7710JA, 7711JA

Dim: 122mm ID x 163mm Mtg. OD

Features:

- 100% New



27-8306
Stator

75 Amp/12 Volt

For: Mitsubishi 75A IR/IF Alternators

Used On: (1990-88) Ford, Mercury

Unit Nos: Mitsubishi A3T01496,

A3T01596, A3T01598

Lester Nos: 13188, 13189, 13190

WAI Ref. Nos: 1-1180-01MI,

1-1180-02MI, 1-1182-01MI

Dim: 106mm ID x 136mm Mtg. OD

Features:

- 100% New



27-502
Stator

130 Amp/12 Volt

For: Leece-Neville 2700JB, 7700 Series 130A/12V IR/EF Alternators

Replaces: Leece-Neville 77792, 100159

Unit Nos: Leece-Neville 2670J, 2700J,

7700JA, 7702JA, 7704JA, 7705JA,

7709JA

Dim: 122mm ID x 163mm Mtg. OD

Features:

- 100% New



27-8301
Stator

70 Amp/12 Volt

For: Mitsubishi 50-70A IR/IF Alternators

Used On: (1994-84) Dodge, Ford,

Mazda, Mitsubishi, Plymouth

Unit Nos: Mitsubishi A2T03471,

A2T03792, A2T03972, A2T04474,

A2T05893, A2T07577, A2T09392,

A2T13571, A2T13571A, A2T17872,

A2T43791, A2T43892, A2T44991,

A2T47371, A2T47371A, A2T47474,

A2T47974, A2T48691, A2T48791

Lester Nos: 13182, 13196, 13197,

13259, 13292, 14427, 14428, 14434,

14435, 14437, 14447, 14693, 14697,

14706, 14709, 14903, 14906, 14910

WAI Ref. Nos: 1-1135-01MI, 1-1141-01MI,

1-1142-01MI, 1-1149-01MI, 1-1173-01MI,

1-1186-01MI, 1-1187-01MI, 1-1191-01MI,

1-1191-02MI, 1-1195-01MI, 1-1198-01MI,

1-2342-01MI

Dim: 100mm ID x 125mm Mtg. OD

Note: 4-Leads

Features:

- 100% New



27-8307
Stator

90 Amp/12 Volt

For: Mitsubishi 85-90A ER/IF, IR/IF Alternators

Used On: (2002-93) Chrysler, Dodge,

Eagle, Honda, Mitsubishi, Plymouth,

Subaru

Unit Nos: Mitsubishi A2T39091,

A2T80591*, A2T81192*, A2T81292,

A2T81391*, A2T82791*, A2TA2191*,

A2TA3791, A2TA5391*, A2TA5394*,

A2TA7491*

Lester Nos: 13479, 13575, 13580,

13585, 13616, 13648, 13787

WAI Ref. Nos: 1-1874-01MI, 1-1891-01MI,

1-1928-01MI, 1-1959-01MI, 1-2095-01MI,

1-2101-01MI, 1-2204-01MI, 1-2204-02MI

Dim: 100mm ID x 126mm Mtg. OD

Note: *27-8307 stator w/ 4-leads will

replace OE stator w/ 3-leads

Features:

- 100% New

ALTERNATOR - STATORS (27-)

MITSUBISHI (cont'd)



27-8309

Stator

110 Amp/12 Volt

For: Mitsubishi 110A IR/IF Alternators
Used On: (1998-95) Mercury, Nissan
Unit Nos: Ford F6XA-10300-AA, -AB; F6XZ-10346-AA, F8XA-10300-AA, F8XZ-10346-AA; Mitsubishi A3TA1091; Nissan 23100-1B00
Lester Nos: 13473
WAI Ref. Nos: 1-1601-01MI
Dim: 106mm ID x 133mm Mtg. OD
Note: 4-Leads
Features:

- 100% New



27-8311

Stator

85 Amp/12 Volt

For: Mitsubishi 85A ER/IF Alternators
Used On: (1999-98) Dodge, Plymouth
Unit Nos: Chrysler 4793692, AB; Mitsubishi A2TB1491, ZC
Lester Nos: 13735
WAI Ref. Nos: 1-2107-01MI
Dim: 100mm ID x 126mm Mtg. OD
Note: 3-Leads
Features:

- 100% New



27-8313

Stator

70 Amp/12 Volt

For: Mitsubishi 70A IR/IF Alternators
Used On: (1995-92) Honda
Replaces: Ref# 1-1620-4
Unit Nos: Mitsubishi A5T04292, A5T06491
Lester Nos: 13608
WAI Ref. Nos: 1-1831-01MI,
Dim: 95mm ID x 119mm Mtg. OD x 20mm T
Note: 4-Leads
Features:

- 100% New



27-8201-120

Stator

Custom Hi-Output 120 Amp/12 Volt

For: Nippondenso IR/IF Alternators
Dim: 90mm ID x 118mm Mtg. OD
Features:

- 100% New
- For building custom 120 amp hi-output alternators



27-8201-140

Stator

Custom Hi-Output 140 Amp/12 Volt

For: Nippondenso IR/IF Alternators
Dim: 90mm ID x 118mm Mtg. OD
Features:

- 100% New
- For building custom 140 amp hi-output alternators



27-8203

Stator

55-60 Amp/12 Volt

For: Nippondenso 55-60A IR/IF Alternators
Used On: (1992-84) Acura, Chevrolet, Geo, Honda, Isuzu, Toyota
Unit Nos: Nippondenso 100211-120, -121, -123, -126, -127, -131, -132, -133, -134, -135, -136, -137, -138, -221, -222, -223, -225, -228, -233, -237, -238, -273, -350, -351, -352, -353, -354, -359, -361, -363, -366, -369, -372, -382, -389, -396, -397; 100213-045
 (cont'd)

NIPPONDENSO



27-8201

Stator

60-80 Amp/12 Volt

For: Nippondenso 60-80A IR/IF Alternators
Used On: (1999-83) Acura, Geo, Honda, Isuzu, Sterling, Toyota
Lester Nos: 13229, 234, 240, 241, 277, 294, 319, 322, 326, 338, 339, 391, 392, 398, 409, 411, 455, 456, 482, 486, 492, 496, 499, 500, 509, 521, 536, 569, 659, 670, 671, 673; 14453, 454, 455, 457, 458, 591, 611, 643, 668, 671, 678, 679, 680, 682, 683, 756, 847, 849, 855, 931, 941, 974
Dim: 90mm ID x 118mm Mtg. OD
Features:

- 100% New

(cont'd)

Lester Nos: 13240, 508; 14449, 454, 472, 671, 674, 732, 739, 755, 757, 759, 847, 851, 852, 853, 854, 872, 930, 935, 989

WAI Ref. Nos: 1-1000-01ND, 1-1001-01ND, 1-1015-01ND, 1-1017-01ND, 1-1019-01ND, 1-1037-01ND, 1-1050-01ND, 1-1050-02ND, 1-1053-01ND, 1-1084-01ND, 1-1088-01ND, 1-1237-01ND, 1-1240-01ND, 1-1967-01ND

Dim: 83mm ID x 110mm Mtg. OD

Features:

- 100% New

27-8203-2

Stator

55-60 Amp/12 Volt

Same as 27-8203 except...

Features:

- 100% New
- Bulk packaged, 10/case



27-8204

Stator

70-90 Amp/12 Volt

For: Nippondenso 70-90A ER/IF, IR/IF Alternators

Used On: (2002-85) Acura, Chevrolet, Chrysler, Dodge, Eagle, Geo, Honda, Isuzu, Jeep, Lexus, Plymouth, Toyota

Lester Nos: 13184, 185, 220, 234, 245, 252, 256, 276, 278, 305, 306, 307, 312, 319, 321, 323, 325, 331, 341, 353, 354, 393, 394, 396, 407, 413, 424, 440, 442, 443, 444, 454, 457, 481, 487, 495, 497, 498, 501, 506, 507, 512, 529, 537, 538, 539, 540, 545, 546, 551, 552, 556, 557, 558, 578, 593, 669, 674, 677, 732, 743, 747, 748, 754, 755, 756, 767, 768, 794, 822, 823; 14869

Dim: 92mm ID x 118mm Mtg. OD

Features:

- 100% New



27-8205

Stator

90-140 Amp/12 Volt

For: Nippondenso 110-140A ER/IF; 90-130A IR/IF Alternators

Used On: (2005-88) Acura, Chrysler, Dodge, Honda, Jaguar, Jeep, Lexus, Plymouth, Toyota

Unit Nos: Nippondenso 100211-606, -611, -615, -617, -619, -630, -631, -635, -636, -639, -641, -644, -645; 101211-701, -702, -706, -712, -716, -717, -718, -722, -723, -727, -730, -752, -757, -775, -780, -785, -786; 102211-059, -065; 121000-292, -400, -401, -403, -404, -405, -406, -407, -408, -409, -410, -412, -413, -415, -416, -417, -421, -423, -425, -426, -427, -428, -429, -433, -435, -437, -4482, -453, -454, -458

Lester Nos: 13280, 301, 302, 304, 308, 309, 310, 311, 313, 384, 385, 386, 387, 388, 389, 410, 453, 502, 524, 525, 547, 553, 592, 594, 668, 675, 685, 690, 706, 714, 715, 738, 741, 742, 746, 763, 765, 766, 769, 790, 791, 806, 824, 842, 844, 856

Dim: 102mm ID x 130mm Mtg. OD

Features:

- 100% New

27-8205-1

Stator

90-140 Amp/12 Volt

Same as 27-8205 except...

Features:

- 100% New
- Best Value



27-8205-160

Stator

Custom Hi-Output 160 Amp/12 Volt

For: Nippondenso ER/IF, IR/IF Alternators

Dim: 102mm ID x 130mm Mtg. OD

(cont'd.)

Note: 4-Leads, 2-Wires/Lead

Features:

- 100% New
- For building custom 160 amp hi-output alternators

PRESTOLITE



27-600

Stator

22 Amp/24 Volt

For: Prestolite ANB Series 22A/24V Alternators

Used On: Case, Caterpillar

Unit Nos: Prestolite ANB-6004

Dim: 89mm ID x 127mm Mtg. OD



27-600-1

Stator & Rectifier Assy.

22 Amp/24 Volt

Same as 27-600 except...

Note: Stator w/late style rectifier & trio assy

BATTERY ISOLATOR & GENERATOR PARTS



BATTERY ISOLATORS & VOLTAGE REDUCERS (TRANSPO)

BATTERY ISOLATOR



2-75

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
75 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 75A Max. Charging Systems (except Delco CS Series)

Dim:

4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-75A

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
75 Amp Max. Alternator Output**

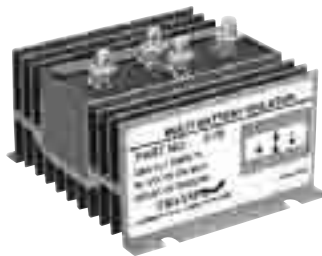
For: Dual Battery Systems w/ 75A Max. Charging Systems w/ Delco CS Series Alternators

Dim:

4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections
- Can be wired for sense
- E-terminal for excitation function to voltage regulator



3-75

Battery Isolator

**Neg. Grd., 3-Batteries, 1-Alternator
75 Amp Max. Alternator Output**

For: Three Battery Systems w/ 75A Max. Charging Systems

Used On: Marine, RV Applications

Dim:

4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-100

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
100 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 100A Max. Charging Systems (except Delco CS Series)

Dim:

4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-100A

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
100 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 100A Max. Charging Systems w/ Delco CS Series Alternators

Dim:

4.5" L x 4.55" W x 2.52" H
114mm L x 116mm W x 64mm H
1/4-28 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections
- Can be wired for sense
- E-terminal for excitation function to voltage regulator



2-130

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
130 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 130A Max. Charging Systems (except Delco CS Series)

Dim:

6.5" L x 4.55" W x 2.52" H
165mm L x 116mm W x 64mm H
5/16-18 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections

BATTERY ISOLATORS & VOLTAGE REDUCERS (TRANSPO)

BATTERY ISOLATOR (cont'd)



2-130A

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
130 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 130A Max. Charging Systems w/ Delco CS Series Alternators

Dim:

6.5" L x 4.55" W x 2.52" H
165mm L x 116mm W x 64mm H
5/16-18 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections
- Can be wired for sense
- E-terminal for excitation function to voltage regulator



3-130

Battery Isolator

**Neg. Grd., 3-Batteries, 1-Alternator
130 Amp Max. Alternator Output**

For: Three Battery Systems w/ 130A Max. Charging Systems

Used On: Marine, RV Applications

Dim:

6.5" L x 4.55" W x 2.52" H
165mm L x 116mm W x 64mm H
5/16-18 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-165

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
165 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 165A Max. Charging Systems

Used On: Heavy Duty Truck Applications

Dim:

9.0" L x 4.55" W x 2.52" H
229mm L x 116mm W x 64mm H
5/16-18 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



3-165

Battery Isolator

**Neg. Grd., 3-Batteries, 1-Alternator
165 Amp Max. Alternator Output**

For: Three Battery Systems w/ 165A Max. Charging Systems

Used On: Heavy Duty Truck Applications

Dim:

9.0" L x 4.55" W x 2.52" H
229mm L x 116mm W x 64mm H
5/16-18 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-200

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
200 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 200A Max. Charging Systems

Used On: Heavy Duty Truck Applications

Dim:

12.5" L x 4.55" W x 2.52" H
318mm L x 116mm W x 64mm H
5/16-18 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections



2-240

Battery Isolator

**Neg. Grd., 2-Batteries, 1-Alternator
240 Amp Max. Alternator Output**

For: Dual Battery Systems w/ 240A Max. Charging Systems

Used On: EMV, Industrial, Marine Applications

Dim:

12.5" L x 4.55" W x 2.52" H
318mm L x 116mm W x 64mm H
3/8-16 Terminals

Features:

- Blue aluminum finned heat sink
- Press-fit diodes
- Welded connections

BATTERY ISOLATORS & VOLTAGE REDUCERS (TRANSPO)

VOLTAGE REDUCER



VR24-1202

Voltage Reducer, 28 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

5.0" L x 3.8" W x 1.0" H
127mm L x 97mm W x 25mm H

Features:

- Single circuit 28 watts
- 13.8 volt set point
- 2.0 amp peak
- 2.0 amp continuous



VR24-1202F

Voltage Reducer, 28 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

5.0" L x 3.8" W x 1.0" H
127mm L x 97mm W x 25mm H

Note: Includes wire harness with fuse holder

Features:

- Single circuit 28 watts
- 13.8 volt set point
- 2.0 amp peak
- 2.0 amp continuous



VR24-1204

Voltage Reducer, 52 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

5.1" L x 4.7" W x 2.6" H
130mm L x 121mm W x 67mm H

Features:

- Single circuit 52 watts
- 13.8 volt set point
- 6.5 amp peak
- 4.3 amp continuous



VR24-1208

Voltage Reducer, 96 Watts

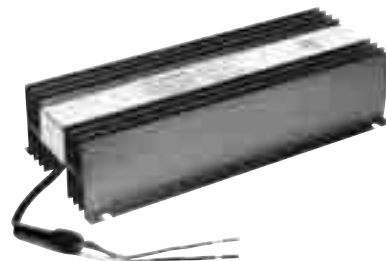
For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

6.1" L x 4.7" W x 2.6" H
155mm L x 121mm W x 67mm H

Features:

- Single circuit 96 watts
- 13.8 volt set point
- 11.0 amp peak
- 8.0 amp continuous



VR24-1212

Voltage Reducer, 144 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

8.7" L x 4.7" W x 2.6" H
220mm L x 121mm W x 67mm H

Features:

- Single circuit 144 watts
- 13.8 volt set point
- 16.0 amp peak
- 12.0 amp continuous



VR24-1216

Voltage Reducer, 192 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

11.4" L x 4.7" W x 2.6" H
290mm L x 121mm W x 67mm H

Features:

- Single circuit 192 watts
- 13.8 volt set point
- 20.0 amp peak
- 16.0 amp continuous

VOLTAGE REDUCER (cont'd)



VR24-1220

Voltage Reducer, 240 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

14.2" L x 4.7" W x 2.6" H
360mm L x 121mm W x 67mm H

Features:

- Single circuit 240 watts
- 13.8 volt set point
- 26.0 amp peak
- 20.0 amp continuous



VR24-1224

Voltage Reducer, 288 Watts

For: 24V DC Charging Systems requiring 12V DC Accessory Power for Lights, Radio, Cell-Phone, etc.

Dim:

19.2" L x 4.7" W x 2.6" H
488mm L x 121mm W x 67mm H

Features:

- Single circuit 288 watts
- 13.8 volt set point
- 30.0 amp peak
- 24.0 amp continuous

ARMATURES



81-1101
Armature
12 Volt

For: Delco Generators

Used On: Allis-Chalmers, Case, Hyster, IHC, Mack, White

Replaces: Delco 1925210, 1928003, 1940161; Ref# 314, 4040-314

Unit Nos: Delco 1102006, 1102007, 1102034, 1102059, 1102120, 1102128, 1102210, 1102216, 1102222, 1102268, 1102329, 1102340, 1105109, 1105116, 1105145, 1105947

Lester Nos: 9007, 9071, 9085, 9215, 9451, 9928, 10298

Dim: 255mm OAL

17mm Shaft OD, Front Bushing,
17mm Shaft OE, Rear Bushing
.669-20 Threads

Features:

- 100% New



81-1102
Armature
12 Volt

For: Delco Generators

Used On: IHC

Replaces: Delco 1923923, 1949179, 1949917; Ref# 717, 4040-717

Unit Nos: Delco 1100387, 1100390, 1100398, 1100413

Lester Nos: 9073, 9074, 9913

Dim: 231mm OAL

17mm Shaft OD, Front Bearing
17mm Shaft OE, Rear Bearing
.669-20 Threads

Features:

- 100% New



81-1104
Armature
24 Volt

For: Delco Generators

Used On: John Deere AG Tractors

Replaces: Delco 1949922;
Ref# 221, 4040-221

Unit Nos: Delco 1103026,
John Deere AR11302, AR34567, TY1447
(cont'd)

(cont'd)

Lester Nos: 9422

Dim: 231mm OAL

17mm Shaft OD, Front Bearing

17mm Shaft OE, Rear Bearing

.669-20 Threads

Features:

- 100% New



81-92101
Armature
12 Volt

For: Lucas C40T Series, Tach Drive
Generators

Used On: Case Tractor, Ford Tractor

Replaces: Ford C5NF-10027-B;
Lucas UWB106; Ref# 1674, 4080-1674

Unit Nos: Lucas 22756, 22758

Lester Nos: 15027

WAI Ref. Nos: 3-1005-01LU

Features:

- 100% New

BRUSHES

Bosch



81-91202
Brush
12 Volt

For: Bosch Generators

Used On: Renault, VW

Replaces: Bosch 1-104-320-002,
1-104-320-010; 1-107-014-128,
1-107-014-139 (set#); Ref# B-91

Unit Nos: Bosch 0-101-302-031, -043,
-052, -054, -090, -103, -106

Lester Nos: 15269, 15273, 15274

WAI Ref. Nos: 3-1002-01BO

Dim: 5.5mm T x 22mm W x 25mm L x
25mm LL

Delco



81-1200
Brush

For: Delco Generators

Used On: Caterpillar

Replaces: Caterpillar 3H4180;
Delco 809637, 1880225, 1880998,
1964716, D709, D713; Ref# R-31

Dim: 6.5mm T x 18.5mm W x 18mm L

Note: 3-required



81-1201
Brush

For: Delco Generators

Used On: Caterpillar

Replaces: Caterpillar 5M7395, 9B8964;
Delco 1850761, 1857963, 1860344,
1866148, 1906940, 1906984, D711,
D717, D721; Ref# R-43

Dim: 6.5mm T x 22mm W x 20mm L x
41mm LL

Note: 2-required



81-1203
Brush

For: Delco Generators

Replaces: Delco 1906973, 1946437;
Ref# R-47M

Dim: 8mm T x 20.5mm W x 22mm L x
41mm LL

Note: 2-required

GENERATOR - COMPONENTS

BRUSHES

Delco (cont'd)



81-1204
Brush

For: Delco Generators
Used On: Caterpillar
Replaces: Caterpillar 4L0565, 4M8421, 7F9814; Delco 1878249, 1906917, 1923295, 1932506, D700, D704, D705; Ref# R-51
Dim: 6.5mm T x 22mm W x 23.5mm L x 48mm LL
Note: 2-required



81-1206
Brush

For: Delco Generators
Replaces: Delco 1906946; Ref# R-58
Dim: 6.5mm T x 22mm W x 23.5mm L x 44mm LL
Note: 2-required



81-1209
Brush

For: Delco Generators
Used On: Caterpillar
Replaces: Caterpillar 5M3102, Delco 1946404; Ref# R-109
Dim: 8mm T x 22mm W x 46.5mm L x 46mm LL
Note: 2-required



81-1210
Brush

For: Delco Generators
Replaces: Delco 1946427; Ref# R-110
Dim: 8mm T x 22mm W x 21mm L x 43mm LL
Note: 2-required



81-2202
Brush

For: Ford Generators
Replaces: Ford C1AF-10069-A, C1VF-10069-A; Ref# F-33
Dim: 7.5mm T x 23.5mm W x 22mm L x 23mm LL
Note: 2-required

Ford



81-2200
Brush

For: Ford Generators
Replaces: Ford 18-10069, 40-10069; Ref# F-9
Dim: 7mm T x 19mm W x 20.5mm L



81-2201
Brush

For: Ford Generators
Replaces: Ford 01A-10069, B6A-10043-B; Ref# F-14
Dim: 7.5mm T x 25.5mm W x 22.5mm L x 25mm LL
Note: 2-required

Lucas



81-92200
Brush
12 Volt

For: Lucas C40T Series, Tach Drive Generators
Used On: Ford Tractor, Triumph
Replaces: Lucas 54214342, 54218452, 54216361, USB106 (set#); Ref# F-41
Unit Nos: Lucas 22756, 22758, 22764
Lester Nos: 15027, 15031
WAI Ref. Nos: 3-1005-01LU
Dim: 5.5mm T x 17mm W x 23mm L x 53mm LL



81-92204
Brush
12 Volt

For: Lucas C40 Series Generators
Used On: Alfa Romeo, Austin, Ford, Lotus, MG, Triumph
Replaces: Lucas 229252; 227541, 54213117, USB104 (set#); Ref# FA-28 (cont'd)

(cont'd)

Unit Nos: Lucas 22700, 22703, 22713, 22715, 22742, 22747, 22757, 22763, 22767, 22779

WAI Ref. Nos: 3-1003-01LU, 3-1004-01LU

Dim: 5.5mm T x 19mm W x 18.5mm L x 41mm LL

Prestolite



81-6204 Brush

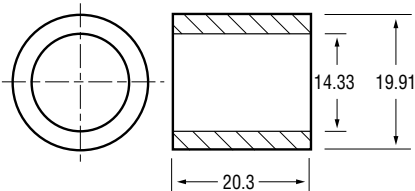
For: Autolite/Prestolite GGW Series Generators

Replaces: Chrysler 1253354; Prestolite GGU-1012A, GGW-1012; Prestolite 11-27, 11-28, 11-67, GGU-2012S, GHJ-1012 (set#); Ref# E-57

Dim: 6.5mm T x 22.5mm W x 22.5mm L x 46mm LL

Note: 2-required

BUSHINGS



81-1300 Bushing - C.E., D.E.

For: Delco Generators

Replaces: Delco 812823, 1850786, 1927446, D1634; Ref# 4242

Unit Nos: Delco 1108551, 1109910, 1114604

Dim:

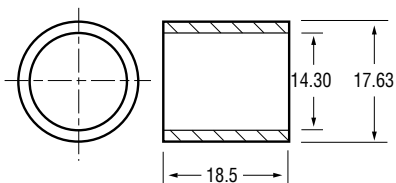
14.33mm ID x 19.91mm OD x 20.3mm L
.5640" ID x .7840" OD x .798" L

81-1300-2 Bushing - C.E., D.E. .0050" (2X) Undersize

Same as 81-1300 except...

Dim:

14.20mm ID x 19.91mm OD x 20.3mm L
.5590" ID x .7840" OD x .798" L



81-6300 Bushing - C.E.

For: Prestolite Generators

Replaces: Prestolite 24-83, GGU-38, GGU-38A

Dim:

14.30mm ID x 17.63mm OD x 18.5mm L
.5630" ID x .6940" OD x .727" L

END FRAMES



81-1402 C.E. Frame

For: Delco Automotive Generators

Replaces: Delco 1939857, 1946720, 1946928, 1948894, 1949248, 1953880, 1955805, D3330

Unit Nos: Delco 1102164, 1102219, 1102222 & others

Dim: Mtg. Hole Size: 5/16"

Note: Used w/ 6203 bearing



81-92400 D.E. Frame

For: Lucas C40T Series, Tach Drive Generators

Used On: Case Tractor, Ford Tractor

Replaces: Ford C5NF-10138-C, Lucas 54216225

Unit Nos: Lucas 22756, 22758

Lester Nos: 15027

WAI Ref. Nos: 3-1005-01LU

Dim:

Mtg. Ear Hole Size: 5/16 x 18

Mtg. Foot Hole Size: 5/16"

Note: Used w/ 6302 bearing



81-92401 C.E. Frame

For: Lucas C40T Series, Tach Drive Generators

Used On: Case Tractor, Ford Tractor

Replaces: Ford C5NF-10050-B, Lucas 54216363

Unit Nos: Lucas 22756, 22758

Lester Nos: 15027

WAI Ref. Nos: 3-1005-01LU

Dim: Mtg. Hole Size: 5/16"

Note: Used w/ R8 bearing

FIELD COILS



81-1502 Field Coil 12 Volt, 35 Amp

For: Delco 12V Generators

Replaces: Delco 1923625; Ref# 3A-4409

Unit Nos: Delco 1100309

Dim: 48mm HT x 52mm W

Features:

- Mfd. in Canada

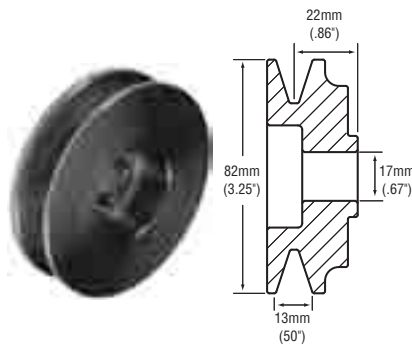
GENERATOR - COMPONENTS

FIELD COILS (cont'd)



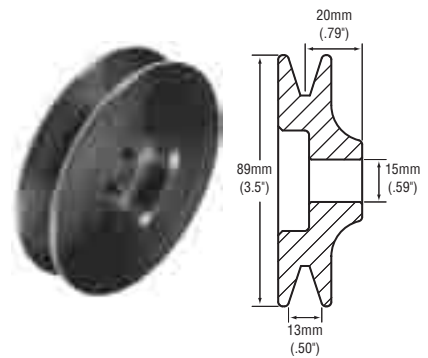
81-92500
Field Coil
12 Volt

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Ford C5NF-10175-A; Lucas 54219374, UVB102; Ref# 3H-4402
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU



81-1700
Pulley - 1-Groove

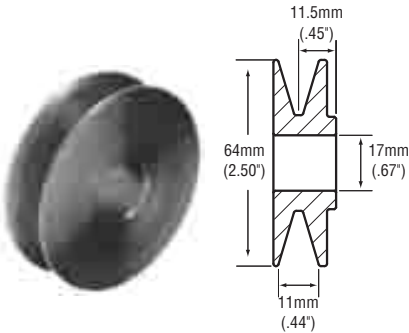
For: Delco 12-24V Generators
Used On: Caterpillar, John Deere Tractors
Replaces: Caterpillar 86387; Delco 1949916; John Deere R11189
Unit Nos: Delco 1100380, 1103026
Lester Nos: 9074, 9422
Dim: 13mm Belt x 82mm OD x 17mm Bore w/ Keyway



81-92700
Pulley - 1-Groove

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Lucas 54214805
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU
Dim: 13mm Belt x 89mm OD x 15mm Bore w/ Keyway

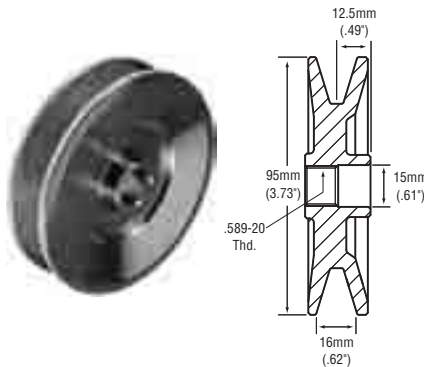
PULLEYS & FANS



24-1111
Pulley - 1-Groove

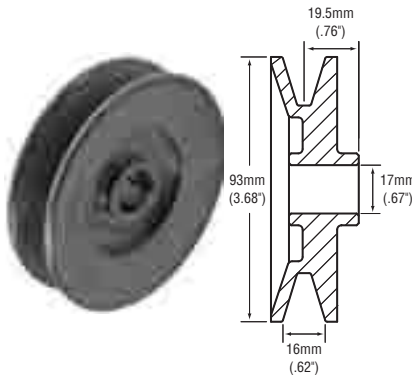
For: Converting Delco & Ford Generators to Delco 10DN, 27SI/100 Series or Ford 40-65A Alternators
Dim: 11mm Belt x 64mm OD x 17mm Bore
Features:

- Machined pulley cut from cold rolled steel



81-2701
Pulley - 1-Groove

For: Ford Generators
Used On: Ford Tractors
Replaces: Ford 9N-10130-B
Dim: 16mm Belt x 95mm OD x 15mm Bore w/ .589-20 Threads



81-2702
Pulley - 1-Groove

For: Ford Generators
Used On: Ford Tractors
Replaces: Ford 8N-10130
Dim: 16mm Belt x 93mm OD x 17mm Bore w/ Keyway



81-92775
Fan

For: Lucas C40T Series, Tach Drive Generators
Used On: Case Tractor, Ford Tractor
Replaces: Lucas 54214561
Unit Nos: Lucas 22756, 22758
Lester Nos: 15027
WAI Ref. Nos: 3-1005-01LU
Dim: 15mm ID x 127mm OD w/ Keyway

REGULATORS

Bosch



81-91900

(Ref# IB390)

Regulator

12 Volt, A-Circuit

For: Bosch Generators

Used On: (1975-67) VW; Mercedes Truck

Replaces: Bosch 0-190-350-006, -007, -013, -014, -021, -023, -026, -028, -033, -038, -039, -048, -049, -050, -052, -054, -055, -059, -060, -061, -062, -068, -069, -079, -080, -083, -084;

Porsche 616-603-211-00,

616-603-212-00;

VW-Audi 113-903-803E;

211-903-803, -803B

IB390

(Ref# 81-91900)

Regulator

12 Volt, A-Circuit, 14.5 Vset

Same as 81-91900 except...

Delco



81-1900

(Ref# D2121, D13921)

Regulator

12 Volt/27-31 Amp, Dual Polarity,

14.1 Vset, Three-Unit Type,

A-Circuit, 3-Terminal

For: Delco Generators

Used On: (1969-53) Cars, Industrial,

Truck Applications

(cont'd)

(cont'd)

Replaces: Chrysler 3145335, 3146142, 3150427, 3203657, 3203659; Delco 923129, 923190, 1118749, 1118750, 1118825, 1118826, 1118839, 1118945, 1118967, 1119000, 1119001, 1119002, 1119003, 1119122, 1119123, 1119162, 1119174, 1119205, 1119234, 1119235, 1119239, 1119242, 1119244, 1119253, 1119260, 1945172, D611, D617, D618, D620, D622, D626, D628, D662;

Prestolite 8-221, 8-222, 8-226, 8-268, 8-276, GRG-266, GRG-268, GRX-221, GRX-222, VBO-4223D, VBO-4223E, VBO-6211C, VBV-6201B3

Terminal ID:

BAT-ARM-FLD, GRD (base)



81-1901

(Ref# D2135)

Regulator

12 Volt/43-47 Amp, Dual Polarity, Three-Unit Type, 3-Terminal

For: Delco Generators

Used On: Agricultural, Industrial, Truck Applications

Replaces: Caterpillar 4S6421;

Delco 1118279, 1118339, 1118368, 1118838, 1118880, 1118881, 1118883, 1118939, 1119156, 1119200, 1119269, D651

Terminal ID:

BAT-ARM-FLD, GRD (base)



81-1903

(Ref# D2152)

Regulator

24 Volt/16-20 Amp, Dual Polarity, Three-Unit Type, A-Circuit, 3-Terminal

For: Delco Generators

Used On: Agricultural, Industrial Applications, Caterpillar

Replaces: Caterpillar 5L6614, Delco 1118793

Terminal ID:

BAT-ARM-FLD, GRD (base)

Note: With shock mounting pkg.



81-1904

(Ref# D2150)

Regulator

24 Volt/18-22 Amp, Dual Polarity, Three-Unit Type, A-Circuit, 4-Terminal, Isolated/Split Ground

For: Delco Generators

Used On: Industrial, Truck Applications

Replaces: Caterpillar 6L7237, Delco 1118737

Terminal ID:

BAT-ARM-FLD-GRD (back of base)

GENERATOR - COMPONENTS

REGULATORS

Delco (cont'd)



81-1905
(Ref# D13911)

Regulator

6 Volt, Pos. Grd., Two-Unit Type, 4-Terminal

For: Delco Generators

Used On: Agricultural, Industrial Applications

Replaces: Delco 1118291, 1118308, 1118780, 1119575, D657

Terminal ID:

L-BAT-F-GEN (back of base), GRD (base)



81-1906
(Ref# D13915)

Regulator

12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 4-Terminal

For: Delco Generators

Used On: Agricultural, Industrial Applications, IHC

Replaces: Delco 1118381, 1118779, 1118997, 1118999, 1119576, D646; IHC 376122R91

Terminal ID:

L-BAT-F-GEN (back of base), GRD (base).

Note:

Similar to 81-1907 except 81-1907 has GEN terminal located underneath base



81-1907
(Ref# D13914)

Regulator

12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 4-Terminal

For: Delco Generators

Used On: Agricultural Applications

Replaces: Delco 1118981, 1118988, 1119577, D655;

United Technologies 0218821VROOGR

Terminal Identification:

L-BAT-F-GEN (underneath base), GRD (base).

Note:

Similar to 81-1906 except 81-1906 has GEN terminal located in back of base.



81-1909
(Ref# D13913)

Regulator

12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 4-Terminal

For: Delco Generators

Used On: Agricultural, Industrial Applications

Replaces: Delco 1118266, 1118306, 1118791, 1118983, 1118985, D648, D657

Terminal ID:

L-BAT-F-GEN (underneath base), GRD (base)



81-1908
(Ref# D1429, D13909)

Regulator

6 Volt, Pos. Grd., Two-Unit Type, 4-Terminal

For: Delco Generators

Used On: Agricultural, Industrial Applications

Replaces: Delco 1118265, 1118305, 1118433, 1118436, 1118790, D1700, D647

Terminal ID:

L-BAT-F-GEN (underneath base), GRD (base)



81-1910
(Ref# D13917)

Regulator

12 Volt, Dual Polarity, Two-Unit Type, A-Circuit, 3-Terminal

For: Delco Generators

Used On: Agricultural, Industrial Applications

Replaces: Delco 1118792, 1118991, D649

Terminal ID:

BAT-GEN-FLD, GRD (base)



81-1911
(Ref# D13927)
Regulator
12 Volt/43-47 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal,
Double Contact
For: Delco Generators
Replaces: Delco 1119606, 1119608,
1119619; Prestolite 8-412, GRX-278
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1912
(Ref# D13960)
Regulator
12 Volt/25-31 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118897, 1119241,
1119270
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1913
(Ref# D1410)
Regulator
6 Volt, Pos. Grd., 7.1 Vset,
Two-Unit Type, A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118786;
Prestolite GRX-406, GRX-407
Terminal ID:
BAT-GEN-FLD, GRD (base)



81-1914
(Ref# D1419)
Regulator
12 Volt, Dual Polarity, 14.1 Vset,
Two-Unit Type, A-Circuit, 4-Terminal
For: Delco Generators
Replaces: IHC 545130R92
Terminal ID:
BAT-GEN-FLD-GRD (back of base)



81-1915
(Ref# D1461)
Regulator
24 Volt/8-12 Amp, Dual Polarity,
27.8 Vset, Three-Unit Type,
A-Circuit, 4-Terminal, Isolated Grd.
For: Delco Generators
Replaces: Delco 1118347, 1118429,
1118957, 1119282
Terminal ID:
BAT-GEN-FLD-GRD (back of base)



81-1917
(Ref# D2107)
Regulator
6 Volt/37-41 Amp, Dual Polarity,
7.0 Vset, Three-Unit Type,
A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118201, 1118301,
1118847, 1118869, 1118872, D601,
D614, D653
Terminal ID:
BAT-ARM-FLD, GRD (base)



81-1918
(Ref# D2108)
Regulator
6 Volt/42-46 Amp, Neg. Grd.,
7.0 Vset, Three-Unit Type,
A-Circuit, 3-Terminal
For: Delco Generators
Replaces: Delco 1118725, 1118727,
1118729, 1118827, 1118831, 1118837,
1118849, 1118852, D605, D606, D609;
Prestolite 8-261, GRX-261, VBO-4623D,
VBO-4623E
Terminal ID:
BAT-ARM-FLD, GRD (base)

GENERATOR - COMPONENTS

REGULATORS

Delco (cont'd)



81-1919

(Ref# D2126, D13926)

Regulator

**12 Volt/32-36 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal**

For: Delco Generators

Used On: Industrial Applications

Replaces: Caterpillar 5L4599;
Delco 1119168, 1119305, D621

Lester Nos: 7141, 7144

Terminal ID:

BAT-ARM-FLD, GRD (base)



81-1921

(Ref# D2103)

Regulator

**6 Volt/26-30 Amp, Pos. Grd.,
7.0 Vset, Three-Unit Type,
A-Circuit, 3-Terminal**

For: Delco Generators

Replaces: Delco 1118208, 1118215,
1118230, 1118234, 1118253, 1118271,
1118303, 1118350, 1118871, 1119176,
D603

Terminal ID:

BAT-ARM-FLD, GRD (base)



81-1923

(Ref# D2124)

Regulator

**12 Volt/22-26 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal**

For: Delco Generators

Replaces: Delco 1118210, 1118214,
1118260, 1118273, 1118304, 1118316,
1118354, 1118857, 1118896, 1118901,
1118902, 1118955, 1119135, 1119245,
1119645, D616, D654;
Prestolite 8-266

Terminal ID:

BAT-ARM-FLD, GRD (base)



81-1920

(Ref# D2134)

Regulator

**12 Volt/37-42 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal**

For: Delco Generators

Used On: Agricultural, Industrial
Applications

Replaces: Delco 1119004, D619;
Prestolite 8-821, GRX-281;

Terminal ID:

BAT-ARM-FLD, GRD (base)



81-1922

(Ref# D2110)

Regulator

**6 Volt/37-41 Amp, Pos. Grd.,
7.0 Vset, Three-Unit Type,
A-Circuit, 3-Terminal**

For: Delco Generators

Replaces: Delco 1118212, 1118222,
1118226, 1118232, 1118238, 1118276,
1118278, 1118302, 1118314, 1118331,
1118351, 1118360, 1118366, 1118380,
1118382, 1118392, 1118731, 1118830,
1118834, 1118841, 1118846, 1118850,
1118864, 1118865, 1118867, D602,
D604, D607, D608, D610, D612;
Prestolite 8-262

Terminal ID:

BAT-ARM-FLD, GRD (base)



81-1924

(Ref# D2127)

Regulator

**12 Volt/36-42 Amp, Neg. Grd.,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal,
Double Contact**

For: Delco Generators

Replaces: Delco 1119600, 1119602,
1119623, 1119654, D263, D623, D627

Terminal ID:

BAT-ARM-FLD, GRD (base)



D100
Regulator Cutout
6-24 Volt, Pos. or Neg. Grd.

Used On: Agriculture, Industrial & Marine
Replaces: Delco 1867781, D1702
Features:

- Universal Generator Cut-Out
- Positive or negative ground systems
- 6 thru 24 volt applications
- 25 amp capability

Ford



81-2900
(Ref# F12961, F2161)
Regulator
12 Volt/26-31 Amp, Dual Polarity,
Three-Unit Type, B-Circuit,
3-Terminal

For: Ford Generators
Used On: (1965-56) Car, Industrial, Truck Applications
Replaces: Ford C3DZ-10505-A, C3TZ-10505-B, GR-268; Prestolite 8-621
Terminal ID: ARM-FLD-BAT



81-2901
(Ref# F12905)
Regulator
6 Volt, Pos. Grd., Two-Unit Type,
B-Circuit, 3-Terminal

For: Ford Generators
Used On: Agricultural, Industrial Applications
Replaces: Ford FAG-10505-A, GR-277
Terminal ID: ARM-FLD-BAT



81-2902
(Ref# F12903)
Regulator
6 Volt, Pos. Grd., 7.1 Vset,
Two-Unit Type, A-Circuit, 3-Terminal

For: Ford Generators
Used On: Agricultural, Industrial Applications
Replaces: Ford 8N-10505-C, GR-276
Terminal ID: BAT-ARM-FLD



81-2903
(Ref# F12906)
Regulator
12 Volt, Dual Polarity, 14.5 Vset,
Two-Unit Type, B-Circuit, 3-Terminal

For: Ford Generators
Replaces: Chrysler 2900446; Ford CONF-10505-A, GR-278
Terminal ID: ARM-FLD-BAT



81-2904
(Ref# F12941)
Regulator
6 Volt/38-42 Amp, Pos. Grd.,
7.1 Vset, Two-Unit Type,
B-Circuit, 3-Terminal

For: Ford Generators
(cont'd.)

(cont'd.)

Replaces: Chrysler 3203654; Delco 1972031, 1972059; Ford 01-10505-C, 01A-10505-A; 51A-10505-C, -D, -E, -H; 59A-10505-A, 5EA-10505-C, 5EH-10505-E, 81-10505-A, 8A-10505-A, 8L-10505-A, 8M-10505-A, 91A-10505-A; B5A-10505-B, -C; F601M, F602M, FAC-10505-A; FAD-10505-A, -C; GR1, GR7, GR8; Prestolite VBO-6611D
Terminal ID: ARM-FLD-BAT



81-2905
(Ref# F2162)
Regulator
12 Volt/37-41 Amp, 14.1 Vset,
Dual Polarity, Three-Unit Type,
B-Circuit, 3-Terminal

For: Ford Generators
Replaces: Delco 1972067, 1972070; Ford B8A-10505-A, -B, -C; COMF-10505-A, C2AF-10505-B; C2AZ-10505-B, -C; C2TZ-10505-A, D2AZ-10505-C, GR-4, GR-17, GR-22, GR-241, GR-266, GR-269, GR-369, GR-370; Prestolite 8-622
Terminal ID: ARM-FLD-BAT



81-2906
(Ref# F1401)
Regulator
6 Volt, Pos. Grd., 7.1 Vset,
Two-Unit Type, A-Circuit

For: Ford Generators
Replaces: Ford 8N-10505-B; Prestolite VAZ-4001A, VAZ-4008A
Terminal ID: BAT-ARM-FLD
Note: Includes adapter plate & hardware.

GENERATOR - COMPONENTS

REGULATORS

Lucas



81-92900
(Ref# IL1292)

Regulator
12 Volt, B-Circuit

For: Lucas C40, C40T Series Generators
Used On: Ford, MG, Triumph
Replaces: Ford 3004E-10505-A, 622E-10505-A, C5NF-10505-B; Lucas 37279, 37299, 37323, 37344, 37346, 37367, 37368, 37391, 37392, 37451, 37472, 37477, 37528, 37529, 37542, 37544, 37547, 37559, 37562, 37563, 37568, 37569, 37570, 37571, 37572, 37573, 37576, 37577, 37597, NCB130, NCB131, NCB132, NCB133, NCB134
Unit Nos: Lucas 22700, 715, 725, 742
Lester Nos: 15017, 15027
WAI Ref. Nos: 3-1003-01LU, 3-1005-01LU

(cont'd)

Replaces: Chrysler 871763, 1120515, 1121978, 1257394, 1321757, 1343573, 1571161, 2095209; Prestolite, 8-70, 8-74, 8-117, GRX-761, VBE-6102A, VBE-6104A; VBO-4601F, K; VBO-4602B, R; VRB-4002C; VRP-4001A, B; VRP-4002D; VRP-4003A, B; VRP-4004A, C, F; VRP-4008A; VRP-6001A, B; VRP-6002A, VRP-6005A; VRP-6101A, B
Terminal ID: ARM-FLD-BAT



81-6903
(Ref# P2175)

Regulator
6 Volt/42-46 Amp, Pos. Grd.,
7.0 Vset, Three-Unit Type,
A-Circuit, 3-Terminal

For: Prestolite Generators
Used On: AMC, Chrysler, Dodge Truck, Hudson, Plymouth
Replaces: Prestolite 8-76, 8-762, VBE-6001A, VBE-6101, VBE-6201A, VBO-4602E, VBO-4602V,
Terminal ID: ARM-FLD-BAT



81-6905
(Ref# P2195)

Regulator
12 Volt/37-41 Amp, Neg. Grd.,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal

For: Prestolite Generators
Used On: Brockway, Checker, Chrysler
Replaces: Prestolite 8-56, 8-60, 8-61, VBO-4201D, VBO-4202C, VBO-4202D, VBO-4202G
Terminal ID: ARM-FLD-BAT (back of base)



81-6906
(Ref# P2197)

Regulator
12 Volt/27-31 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
B-Circuit, 3-Terminal

For: Prestolite Generators
Replaces: Prestolite 8-82, 8-84, 8-416, VBO-6201C
Terminal ID: ARM-FLD-BAT

Prestolite



81-6902
(Ref# P2174)

Regulator
6 Volt/37-41 Amp, Pos. Grd.,
7.0 Vset, Three-Unit Type,
A-Circuit, 3-Terminal

For: Prestolite Generators
Used On: AMC, Chrysler, Continental, Diamond T, Dodge Truck, Hercules, Hudson, Jeep, Packard
(cont'd)



81-6904
(Ref# P2192)

Regulator
12 Volt/27-31 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal

For: Prestolite Generators
Replaces: Prestolite 8-58, 8-59, 8-154, 8-414, 8-722, VBO-4201E, VBO-4202A, VBO-4202B, VBO-4202P, VBO-4202R
Terminal ID: ARM-FLD-BAT (back of base)

SMALL PARTS



46-1193

Terminal Post

For: Delco Generators

Replaces: Delco 1921369, Ref# S-891

Dim: 12-24 x 1



81-92801

Brush Spring Kit

For: Lucas C40T Series, Tach Drive Generators

Used On: Case Tractor, Ford Tractor

Replaces: Ford C5NF-10057-A, Lucas 54219375

Unit Nos: Lucas 22756, 22758

Lester Nos: 15027

WAI Ref. Nos: 3-1005-01LU



81-92802

Terminal Kit - Field Coil

For: Lucas C40T Series, Tach Drive Generators

Used On: Case Tractor, Ford Tractor

Replaces: Lucas 54216878

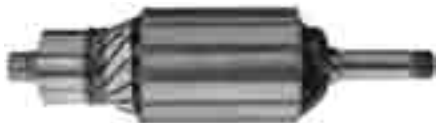
Unit Nos: Lucas 22756, 22758

Lester Nos: 15027

WAI Ref. Nos: 3-1005-01LU

STARTER/GENERATOR - COMPONENTS

GARDEN TRACTORS



61-159
Armature
12 Volt

For: Delco Starter/Generator

Replaces: Delco 1939904, 1945778;
Ref# 4040-242

Unit Nos: Delco 1101693, 698, 870,
872, 874, 926, 928, 934, 940, 945, 949,
951, 953, 960, 961, 965, 967, 969, 970,
971, 973, 978, 980, 981, 984, 986, 992,
993, 995, 996, 997, 998, 999

Lester Nos: 9186, 9190, 9191, 9192,
9193, 9197, 9198, 9199

Dim: 255mm OAL
17mm Shaft OD, Front Bearing
17mm Shaft OE, Rear Bearing
.669-20 Threads

Components:
Bearing C.E.

Features:
• 100% New



81-1103
Armature
12 Volt

For: Delco Starter/Generator

Replaces: Delco 800212;
Ref# 88, 4040-88

Unit Nos: Delco 1101432, 1101689,
1101692, 1101863, 1101864, 1101875

Lester Nos: 9185, 9186, 9191, 9193

Dim: 264mm OAL
17mm Shaft OD, Front Bearing
14.2mm Shaft OE, Rear Bushing
.669-20 Threads

Features:
• 100% New



81-1405
D.E. Frame

For: Delco Starter/Generator

Replaces: Delco 1871380, 1873830,
1907328, 1914277, 1920922, 1957069

Unit Nos: Delco 1101926, 1101927,
1101928, 1101930 & others

Dim: Mtg. Ear Hole Size: 5/16 x 18
Mtg. Foot Hole Size: 5/16"

Note: Used w/ 6203 bearing



81-1406
C.E. Frame

For: Delco Starter/Generator

Replaces: Delco 1939907, 1939908,
1941448, 1941519, 1945022, 1957073,
1962407

Unit Nos: Delco 1101926, 1101927,
1101928, 1101930 & others

Dim: Mtg. Hole Size: 5/16"

Note: Used w/ 6203 bearing



81-1501
Field Coil
12 Volt

For: Delco Starter/Generators

Replaces: Delco 1939889, 1939890;
Ref# 3A-4423

Dim: 74mm HT x 48mm W

Features:
• Mfd. in Canada



81-1916
(Ref# D1462)
Regulator

**12 Volt/15-18 Amp, Dual Polarity,
14.1 Vset, Three-Unit Type,
A-Circuit, 3-Terminal**

For: Delco Starter/Generators

Replaces: Delco 1118910, 1119152,
1119153, 1119165, 1119257, 1119310,
D656

Terminal ID:
BAT-ARM-FLD, GRD (base)

GOLF CARTS



81-81100
Armature
12 Volt

For: Hitachi Starter/Generators

Used On: Club Car, E-Z-GO,
Yamaha Golf Carts

Replaces: Hitachi GSB107-1100;
Ref# 299, 4004-299

Dim: 224mm OAL
17mm Shaft OD, Front Bearing,
w/ Keyway Slot
15mm Shaft OE, Rear Bushing
M16 x 1.50 Threads

Features:
• 100% New



81-81101
Armature
12 Volt

For: Hitachi Starter/Generators

Used On: E-Z-GO 4-Cycle Golf Carts;
Yamaha G16 Golf Carts

Dim: 216mm OAL
17mm Shaft OD, Front Bearing,
wo/ Keyway Slot
15mm Shaft OE, Rear Bushing
M16 x 1.50 Threads

Features:
• 100% New



81-81200
Brush

For: Hitachi Starter/Generators

Used On: Club Car, E-Z-GO,
Yamaha Golf Carts

Dim: 5.5mm T x 13.5mm W x 26mm L x
38mm LL

STARTER/GENERATOR - COMPONENTS



81-81400
C.E. Frame

For: Hitachi Starter/Generators
Used On: E-Z-GO Golf Carts w/ 250-400cc Gas Engines
Replaces: Hitachi GSB107-1301
Dim: 3/8" Mtg. Hole
Note: Includes brush holder assy.
Components:
 81-81200 Brush
 81-81601 Brush Holder Assy.



81-81401
C.E. Frame

For: Hitachi Starter/Generators
Used On: E-Z-GO 4-Cycle Golf Carts; Yamaha G16 Golf Carts
Replaces: Hitachi GSB107-1401, Yamaha JN3-81166-00-00
Dim: 1/2" Mtg. Hole
Note: Includes brush holder assy.
Components:
 81-81200 Brush
 81-81601 Brush Holder Assy.



81-81500
Field Coil
12 Volt

For: Hitachi Starter/Generators
Used On: Club Car, E-Z-GO Golf Carts
Replaces: Hitachi GSB107-1610
Dim:
 2) M6 x 1.0 Terminals
 1) M5 x 0.8 Terminal



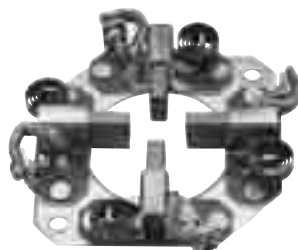
81-81501
Field Coil
12 Volt

For: Hitachi Starter/Generators
Used On: Yamaha G2, G8, G9, G14 Golf Carts
Replaces: Yamaha J38-81160-10-00



81-81502
Field Coil
12 Volt

For: Hitachi Starter/Generators
Used On: Yamaha G16 Golf Carts



81-81600
Brush Holder Assy.

For: Hitachi Starter/Generators
Used On: Club Car, E-Z-GO, Yamaha Golf Carts
Replaces: Hitachi GSB107-1310
Note: Includes brushes



81-81601
Brush Holder Assy.

For: Hitachi Starter/Generators
Used On: E-Z-GO 4-Cycle Golf Carts; Yamaha G16 Golf Carts
Replaces: Yamaha JN3-81150-00-00
Note: Includes brushes
Components:
 81-81200 Brush



GC100
Regulator

12 Volt, A-Circuit, 14.5 Vset
Used On: E-Z-GO Gas Powered Golf Carts

Replaces: E-Z-GO 27739G01

Features:

- Optimized design, endures temperature extremes
- Fully sealed to minimize moisture infiltration



GCR100A
Rectifier

Used On: E-Z-GO Gas Powered Golf Carts

Replaces: E-Z-GO 28548G01

Features:

- 2-70A/400V jumbo diodes
- Aluminum heat sink

MOTORCYCLE & SMALL ENGINE



RECTIFIERS & REGULATORS



MR103
Rectifier

Used On: OMC Outboards
Replaces: OMC 580841, 581305, 582307, 582399, 583408
Note: 3-wire hook-up.
Features:

- 25A diodes



MR104
Rectifier

Used On: OMC Outboards
Replaces: OMC 173692, 581778, 582304, 583940
Note: 4-wire hook-up.
Features:

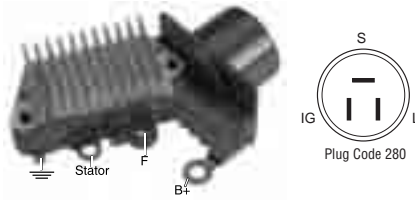
- 25A diodes



MR351
Rectifier

Used On: Mercury Marine Outboards
Replaces: Mercury Marine 62351A1, 62351A2, 816770
Note: 3-post rectifier.
Features:

- 25A diodes



IN277
Regulator
12 Volt, A-Circuit,
S-IG-L Terminals, 14.5 Vset

For: Nippondenso IR/IF Alternators
Used On: Mercury Marine Outboard
Replaces: Nippondenso 126000-1770
Unit Nos: Mercury Marine 821663-1, 828506;
 Nippondenso 101211-302, 101211-338
Dim: 57.5mm Mtg. Length
Note: L-terminal is not an output terminal.



4229-124

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Used On: Sea-Doo GTX, GSX DI Watercrafts
Replaces: Sea-Doo 278-001-241, 278-001-554
Note: For 3-phase stator



S1004A

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.6 Vset

Used On: (1998-90) Kawasaki JH750 Jetski
Replaces: Shindengen SH565-12
Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



TRR3071

Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Used On: Mercury Mariner Outboard Engines
Replaces: Mercury Marine 883071
Terminal Identification:
 Gray Tach, Yellow AC, Red B+, Black B-, Yellow AC
Note: 5-wire type.



TRR3072

Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Used On: Mercury Mariner Outboard Engines
Replaces: Mercury Marine 815279T, 815279-3, 815279-5, 830179T, 830179-2, 854515, 856748, 883072, 883072T
Terminal Identification:
 Gray Tach, Yellow AC, Red (Female) Sense, Red (Male) B+, Black B-, Yellow AC
Note: 6-wire type.

MOTORCYCLE - COMPONENTS

BRUSHES



81-7200
Brush

For: Harley-Davidson Generators
Replaces: Harley-Davidson 30426-58;
 Ref# H-9
Dim: 7.5mm T x 16mm W x 17mm L x
 41mm LL

(cont'd)
 (1978-77) Harley-Davidson XLCR Models
Replaces: Harley-Davidson 74504-78
Dim: 5" Lead Length
Features:

- Solid state
- Current limiting
- Ceramic hybrid construction
- Black finish w/ polished fins



H0478C
Regulator
12 Volt, 15.3 Vset

Same as H0478 except...
Features:

- Chrome finish



H0482
Regulator
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1984-82) Harley-Davidson
 Sportster Models
Replaces: Harley-Davidson 74504-82
Dim: 4" Lead Length
Features:

- Solid state
- Current limiting
- Ceramic hybrid construction
- Black finish w/ polished fins



H0482C
Regulator
12 Volt, 15.3 Vset

Same as H0482 except...
Features:

- Chrome finish



H606
Regulator
6 Volt, 7.5 Vset

For: Harley-Davidson Generators
Used On: (1964-58) Harley-Davidson
 FL, Sportster Models
Replaces: Harley-Davidson 74508-85,
 74510-47A, 74510-59
Dim: 4" Lead Length
Note: Solid state regulator to replace
 mechanical regulator on generator mod-
 els.
Features:

- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H606C
Regulator
6 Volt, 7.5 Vset

Same as H606 except...
Features:

- Chrome finish

RECTIFIERS



IHR763
Rectifier

For: Hitachi 40A IR/IF Alternators
Used On: Honda Gold Wing
 Motorcycles
Unit Nos: Hitachi LR140-708, -708C;
 Honda 31100-MT2-015
WAI Ref. Nos: 1-2494-01HI
Dim: 86mm OD
Features:

- 6-20A dish diodes

REGULATORS

Harley-Davidson



H0478
Regulator
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1981-78) Harley-Davidson
 Sportster Models
 (cont'd)



H614
Regulator
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1977-65) Harley-Davidson Sportster Models (1969-65) Harley-Davidson FL Models
Replaces: Harley-Davidson 74507-85, 74510-64, 74510-65
Dim: 4" Lead Length
Terminal Identification: Red B+, Case B-, Orange Armature, Green Field.
Note: Solid state regulator to replace mechanical regulator on generator models.

- Features:**
- Solid state
 - Current limiting
 - Ceramic hybrid construction
 - Black finish w/ polished fins



H614C
Regulator
12 Volt, 15.3 Vset

Same as H614 except...

- Features:**
- Chrome finish



H615
Regulator
12 Volt, 15.3 Vset

For: Harley-Davidson Generators (cont'd)

(cont'd)

Used On: (1977-65) Harley-Davidson Sportster Models (1969-65) Harley-Davidson FL Models
Replaces: Delco 1119615
Note: Solid state generator regulator attaches directly to the end of the generator. Green and red LEDs give continuous readout of system performance.

- Features:**
- Solid state
 - Current limiting
 - Ceramic hybrid construction
 - LED charge indicators



H8615
Regulator Sub-Assy.
12 Volt, 15.3 Vset

For: Harley-Davidson Generators
Used On: (1977-65) Harley-Davidson Sportster Models (1969-65) Harley-Davidson FL Models
Note: Solid state generator regulator sub-assembly attaches directly to the end of the generator.

- Features:**
- Solid state
 - Current limiting
 - Ceramic hybrid construction

Japanese



IH258
Regulator
12 Volt, A-Circuit,
IG-L Terminals, 14.4 Vset

For: Hitachi IR/IF Alternators
Used On: Honda Gold Wing Motorcycles
Unit Nos: Hitachi LR140-708, -708C; Honda 31100-MT2-015
WAI Ref. Nos: 1-2494-01HI



KNVR-900
Regulator
12 Volt, A-Circuit, 14.7 Vset

For: Nippondenso Fan Cooled Alternators
Used On: Kawasaki ZX10, ZX900, ZX1000; Suzuki GSXR750, GSXR1100; Yamaha FJ1100, FJ1200, RZ700, RZ1000, FZR700, FZR1000
Replaces: Kawasaki 21066-1056

REGULATOR RECTIFIER ASSYS.

Harley-Davidson



H0597
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Used On: (2001-97) Harley-Davidson all Touring Models
Replaces: Harley-Davidson 74505-97
Features:

- Black finish



H0597C
Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset

Same as H0597 except...
Features:

- Chrome finish

REGULATOR RECTIFIER ASSYS.

Harley-Davidson (cont'd)



H1001

Regulator Rectifier Assy.

12 Volt, Series-Type, 14.4 Vset

Used On: (2006-01) Harley-Davidson Twin Cam 88 Softtail Models

Replaces: Harley-Davidson 74610-01

Features:

- Ceramic hybrid construction
- Black finish



H1001C

Regulator Rectifier Assy.

12 Volt, Series-Type, 14.4 Vset

Same as H1001 except...

Features:

- Chrome finish



H1070

Regulator Rectifier Assy.

12 Volt, Shunt Type, 14.5 Vset

For: Harley-Davidson 15A Alternators

Used On: (1975-70) Harley-Davidson

Big Twin Models

(cont'd)

(cont'd)

Replaces: Harley-Davidson 74510-70A

Dim: 38" Lead Length

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction
- Black finish w/ polished fins



H1070C

Regulator Rectifier Assy.

12 Volt, Shunt Type, 14.5 Vset

Same as H1070 except...

Features:

- Chrome finish



H1075

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 17.8A Alternators

Used On: (1980-76) Harley-Davidson

Big Twin Models

Replaces: Harley-Davidson 74510-75A, 74512-79A, 77510-75A

Dim: 57" Lead Length

Features:

- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H1075C

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Same as H1075 except...

Features:

- Chrome finish



H1200

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Used On: (2000) Harley-Davidson Twin Cam 88 Softtail Models

Replaces: Harley-Davidson 74512-00

Features:

- Ceramic hybrid construction
- Black finish w/ polished fins



H1200C

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Same as H1200 except...

Features:

- Chrome finish



H1686

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 22A Alternators
Used On: (1988-81) Harley-Davidson Big Twin Models

Replaces: Harley-Davidson 74512-84, 74513-82A, 74513-85, 74515-86, 74516-86

Dim: 57" Lead Length

Features:

- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H1686C

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Same as H1686 except...

Features:

- Chrome finish



H1899

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Used On: (2003-99) Harley-Davidson Twin Cam 88 Dyna Glide Models

Replaces: Harley-Davidson 74518-99A

Features:

- Ceramic hybrid construction
- Black finish w/ polished fins



H1899C

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Same as H1899 except...

Features:

- Chrome finish



H1988

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 32A Alternators
Used On: (1999-89) Harley-Davidson Evolution Big Twin Models (except EFI models, 98-97 FLT touring models)

Replaces: Harley-Davidson 74519-88

Dim: 57" Lead Length

Features:

- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H1988C

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Same as H1988 except...

Features:

- Chrome finish



H1988CBB

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Same as H1988 except...

Features:

- Black finish w/ polished fins
- Accommodates 10A charging systems
- Bike builder friendly - lead kit and terminals provided



H2384

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

Used On: (1985-84) Harley-Davidson Sportster Models w/ Alternator

Replaces: Harley-Davidson 74523-84

Dim: 51" Lead Length

Features:

- Ceramic hybrid construction
- Black finish w/ polished fins



H2386

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 19A Alternators
Used On: (1990-86) Harley-Davidson Sportster Models

Replaces: Harley-Davidson 74523-84A

Dim: 38" Lead Length

Features:

- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins

REGULATOR RECTIFIER ASSYS.

Harley-Davidson (cont'd)



H2386C

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H2386 except...

Features:

- Chrome finish



H2391

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 32A Alternators
Used On: (1991) Harley-Davidson Sportster 5-Speed Models

Replaces: Harley-Davidson 74523-91

Dim: 12" Lead Length

Features:

- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H2391C

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H2391 except...

Features:

- Chrome finish



H2392

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

For: Harley-Davidson 32A Alternators

Used On: (1993-92) Harley-Davidson Sportster Models

Replaces: Harley-Davidson 74523-92

Dim: 12" Lead Length

Features:

- Solid state
- Ceramic hybrid construction
- Black finish w/ polished fins



H2392C

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H2392 except...

Features:

- Chrome finish



H2394

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Used On: (2003-94) Harley-Davidson Sportster Models

Replaces: Harley-Davidson 74523-94

Dim: 10" Lead Length

Features:

- Ceramic hybrid construction
- Black finish w/ polished fins



H2394C

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.5 Vset

Same as H2394 except...

Features:

- Chrome finish

Japanese



S1002E

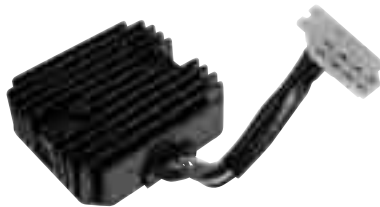
Regulator Rectifier Assy.
12 Volt, Shunt Type, 14.6 Vset

Used On: (1982-77) Suzuki GS250 thru GS1100 Models

Replaces: Suzuki 32800-44120, 32800-47120, 32800-49140

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1002GL

Regulator Rectifier Assy.
12 Volt, Shunt-Type, 14.4 Vset

Used On: (1987-80) Honda Goldwing GL1100, GL1200 Models (cont'd)

(cont'd)

Replaces: Honda 31600-MG9-010, 31600-463-008; Shindengen SH538-12, SH541-12

Note: 8-wires in connector block.

Features:

- Ceramic hybrid construction



S1002L

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.6 Vset

Used On:

(1986-83) Suzuki GS50 Models
(1983) Suzuki GS650 Models
(1982) Suzuki GS850 Models
(1983) Suzuki GS1100 Models

Replaces: Suzuki 32800-43400, 32800-45220, 32800-49320, 32800-49430

Note: 5-wires: 4-wires in connector plug + 1-wire w/ female bullet connector

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1002S

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.6 Vset

Used On: (1986-83) Suzuki GS300, GS400, GS450, GR650, GS750, GS1150 Models

Replaces: Suzuki 32800-33400, 32800-00A00, 32800-04A00, 32800-09300

Terminal Identification:

B+, Sta, Sta, Sta, B-

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1002U

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.6 Vset

Used On: Kawasaki GL, VF, VT, CX, CM, CB, 400/450T, KZ550, KZ650, KZ700, KZ750, KZ900, KZ1000, KZ1100, KZ1300

Suzuki GS250 thru 1150
Yamaha SR500, XV500, XV700, XV750, XV920, XV1000, XV1100, XVZ1200, XVZ1300

Note: 3-wire stator system

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1002UH

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.6 Vset

Used On: Honda GL1000, GL1100, GL1200, GL1500, VF750, VF1100, VT750, VT1100

Kawasaki KZ550, KZ650, KZ750, KZ900, KZ1000, KZ1100, KZ1300, VN750, ZX600

Suzuki GS250, GS400, GS550, GS750, GS850, GS1100, GS1150, GV1400, VS750, VS1400

Note: Universal Rectifier/Regulator w/ 5-wires for 3-phase magnet alternators.

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1003L

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.7 Vset

Used On:

(1982-79) Honda CB750CK, CB750F, CB750SC

(1982-79) Honda CBX

(1982-80) Honda CB900CF

(1983) Honda CB1000C, CB1100F

Replaces: Honda 31600-425-008, 31600-461-771, 31600-M65-000, 31600-MA2-008, 31600-MA7-088

Note: 8-wires, 3-wires in 4-prong connector block, 5-wires in 6-prong connector plug.

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1003S

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.7 Vset

Used On: (1982-79) Honda CB650

Replaces: Honda 31600-426-000, 31600-460-73

Note: 8-wires, 3-wires in 4-prong connector block, 5-wires in 6-prong connector block.

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction

REGULATOR RECTIFIER ASSYS.

Japanese (cont'd)



S1003U

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.7 Vset

Used On: Honda Four (early)
Kawasaki H1, H2, KZ400
Suzuki GT750
Yamaha XS650

Note: Universal Rectifier/Regulator w/ 8-wires for 3-phase excited field systems.

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1003UH

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.7 Vset

Used On: Honda Four
Kawasaki Four (early)
Suzuki 2-Cycle Triple, RE5 Rotary
Yamaha Four, 4-Cycle Twin, RD250, RD350, RD400

Note: Universal Rectifier/Regulator w/ 8-wires for 3-phase excited field systems.

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



S1004B

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.4 Vset

Used On: Yamaha TDM850, TDR125, TT600, TW125, XJ600, XG250 Motorcycles

Replaces: Shindengen SH629A-12

Terminal Identification:

S1, S2, S3, B+, Grounded Base

Note: For 3-phase excited field systems

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction



TRR6330

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.4 Vset

Used On:

(1994-91) Honda CBR600 F2
(1998-95) Honda CBR600 F3
(2000-99) Honda CBR600 F4
(1998) Honda CBR600 SE
(1996) Honda CBR600 SJR
(1999-93) Honda CBR900 RR
(1998-94) Honda PC800 Pacific Coast
(1990-89) Honda PC800 Pacific Coast
(2000-97) Honda VTR1000 F Super Hawk

Replaces: Honda 31600-MV4-000, 31600-KY2-703; Shindengen SH633-12

Features:

- Unique design for exceptional heat-sinking

DIODES



BR1955
Diode

For: Briggs & Stratton 5A Tri-Circuit Harness Charging Systems
Replaces: Briggs & Stratton 392606, 691955
Features:

- 2-6A/200V power diodes



BR3456
Diode

For: Briggs & Stratton Dual-Circuit Charging Systems (except Model 32)
Replaces: Briggs & Stratton 393456
Note: Pigtails attach to stator leads. Eliminate fuse holder, bracket. May require rotating (old-style) stator 90°.
Features:

- 1-6A/200V diode



BR3814
Diode

For: Briggs & Stratton Single-Circuit Charging Systems
Replaces: Briggs & Stratton 393814
Note: Pigtails attach to stator leads. Eliminate fuse holder, bracket. May require rotating (old-style) stator 90°.
Features:

- 1-6A/200V diode

REGULATOR RECTIFIER ASSYS.

Briggs & Stratton



BR1546

Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
For: Briggs & Stratton
Used On: Briggs & Stratton 256400, 280700, 28B700, 28M700, 28Q700, 351400, 351700, 42A700 Series Small Engines
Replaces: Briggs & Stratton 491546, 691188
Note: For 5 & 9 amp charging systems. 2-wire leads: red, yellow
Features:

- Ceramic hybrid construction



BR7809

Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
For: Briggs & Stratton
Used On: Briggs & Stratton 422700 Series Small Engines
Replaces: Briggs & Stratton 397809
Note: For 8 amp quad circuit charging systems.
Features:

- Ceramic hybrid construction



BR3219

Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
For: Briggs & Stratton
Used On: Briggs & Stratton 303700 Series Small Engines
Replaces: Briggs & Stratton 493219 (cont'd)

(cont'd)

Note: For 16 amp dual output charging systems.

Features:

- Accommodates no-charge lamp



BR4890

Regulator Rectifier Assy.
12 Volt, Series-Type, 14.4 Vset
For: Briggs & Stratton
Used On: Briggs & Stratton 192400, 196400, 226400, 28M700, 280700, 351700 Series, 8-20 hp Small Engines
Replaces: Briggs & Stratton 393374, 394890, 691185
Note: For 10 amp, 13 amp, 14 amp, 16 amp charging systems.
Features:

- Ceramic hybrid construction

Grasshopper



GH5530

Regulator Rectifier Assy.
12 Volt, Series-Type, 14.7 Vset
Used On: Grasshopper 1822D, 718D, 721D, 721G Model Lawn Equipment
Replaces: Grasshopper 185530, RS5155; Kubota 15531-64603, RP201-53710
Terminal Identification:
AC, B-, AC / L, I, B+
Features:

- Ceramic hybrid construction
- Accommodates charge indicator light

SMALL ENGINE - COMPONENTS

REGULATOR RECTIFIER ASSYS.

Honda



HN9951

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.7 Vset

Used On: Honda Lawn Tractors

Replaces: Honda 31600-890-951

Note: 5-Terminals: B+, IGN, B- / AC, AC

Features:

- Ceramic hybrid construction

Kawasaki



KW2056

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.7 Vset

Used On: Kawasaki FB460, FC400, FC420, FC540 Engine Models
John Deere 130, 160, 165, 170, 172, 175, 176, 180, 185, 186, 240, 242, 245, 262, 265, 285, 320, 325, 345, F510, F525, F710, F725 Models
ATM 600, 622, 626
Gator 4X2, 6X4 models w/ 15 Amp Charging System

Replaces: John Deere M70121, M97348;
Kawasaki 21066-2056, 21066-2070;
Shindengen SH578-12, SH626-12

Terminal Identification:

B+, IGN, B- / AC, L, AC

Features:

- Ceramic hybrid construction
- Accommodates charge indicator light



KW2071

Regulator Rectifier Assy.

12 Volt, Shunt-Type, 14.4 Vset

Used On: Commercial Walk-behind Mowers w/ Kawasaki Engine w/ electric clutch, rope starter & no battery

Replaces: John Deere AM109462, Kawasaki 21066-2071, Shindengen SH637-12

Features:

- Solid state
- Current limiting
- Ceramic hybrid construction

Kohler



JDR2256

Regulator Rectifier Assy.

12 Volt, Series-Type, 14.4 Vset

Used On: Kohler K181, K241, K301, K321, K482, K532, K582 Model, 8-24 hp Small Engines; John Deere, Tecumseh, Sears

Replaces: John Deere AM33845, AM37200;
Kohler 237335, 41-403-06, 41-403-06S

Terminal Identification:

B+, AC, AC.

Note: For 15 amp charging systems.

Features:

- Ceramic hybrid construction



JDR4720

Regulator Rectifier Assy.

12 Volt, Series-Type, 14.4 Vset

Used On: John Deere Lawn Equipment w/ Kohler K Series, 8-12 hp Single Cyl. Small Engines

(cont'd)

(cont'd)

Replaces: John Deere AM102596; Kohler 234279, 25-755-03S, 41-403-08; Tecumseh 610749

Terminal Identification:

AC, B+, AC.

Note: For 10 amp charging systems.

Features:

- Ceramic hybrid construction



KH4301

Rectifier

12 Volt

Used On: Commercial Walk-behind Mowers w/ Kohler Engine w/ electric clutch, rope starter & no battery
Kohler CV11, CV12.5, CV13, CV14, CV15, CV18 Model Engines

Replaces: John Deere M131287, Kohler 12-403-01

Terminal Identification:

AC, B+



KH4309

Regulator Rectifier Assy.

12 Volt, Series Type, 14.4 Vset

Used On: Kohler KT17-19, M8 thru MV20 Series Small Engines

Replaces: John Deere AM102596; Kohler 234279, 25-755-03S, 41-403-05, 41-403-09; Tecumseh 610749

Terminal Identification:

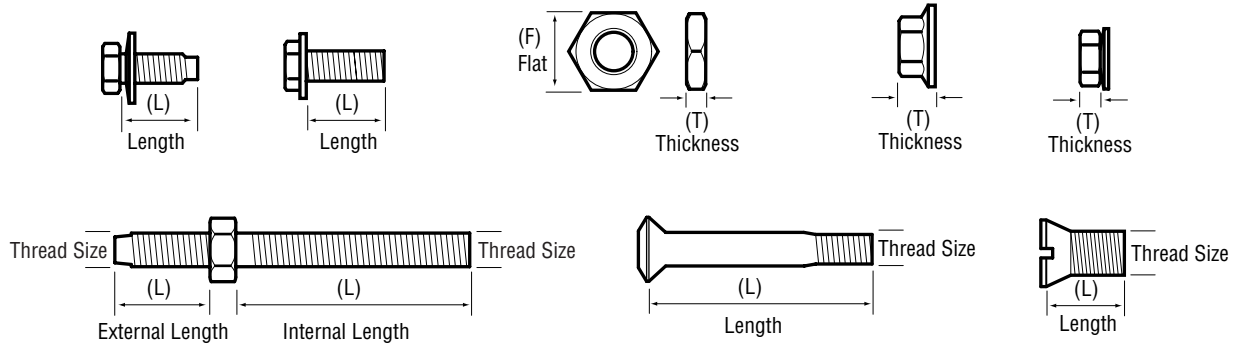
AC, B+, AC

Note: For 15 amp permanent magnet charging systems.

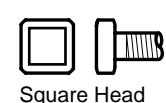
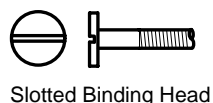
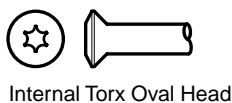
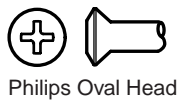
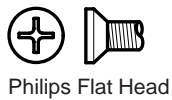
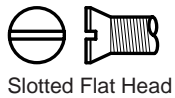
Features:

- Ceramic hybrid construction

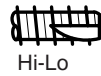
DIMENSION REFERENCES



HEAD TYPES



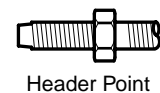
THREAD-CUTTING TYPES



THREAD-FORMING TYPES



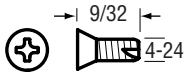
POINT TYPES



HARDWARE (84-, 85-)

SCREWS - STANDARD

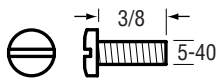
4-24



84-1110
Screw

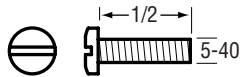
- Dim:** 4-24 x 9/32 L
Features:
- Phillips flat head
 - Thread -cutting
 - Zinc-plated

5-40



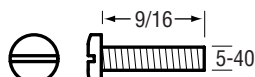
84-1106
Screw

- Dim:** 5-40 x 3/8 L
Features:
- Slotted pan head
 - Zinc-plated



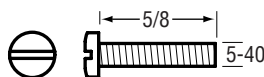
84-1104
Screw

- Dim:** 5-40 x 1/2 L
Features:
- Slotted pan head
 - Zinc-plated



84-1107
Screw

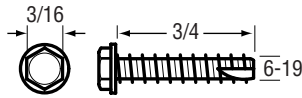
- Dim:** 5-40 x 9/16 L
Features:
- Slotted pan head
 - Zinc-plated



84-1109
Screw

- Dim:** 5-40 x 5/8 L
Features:
- Slotted pan head
 - Zinc-plated

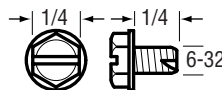
6-19



84-1100
Screw

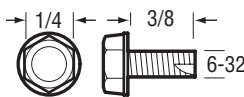
- Dim:** 6-19 x 3/4 L
Features:
- Hex washer head, 3/16 drive
 - Type HL, thread- cutting
 - Black oxide finish

6-32



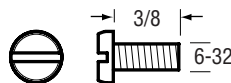
84-1105
Screw

- Dim:** 6-32 x 1/4 L
Features:
- Slotted hex washer head, 1/4 drive
 - Thread -cutting
 - Zinc-plated



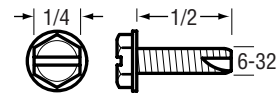
84-1102
Screw

- Dim:** 6-32 x 3/8 L
Features:
- Hex washer head, 1/4 drive
 - Thread -cutting
 - Zinc-plated



84-1108
Screw

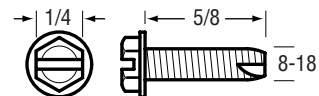
- Dim:** 6-32 x 3/8 L
Features:
- Slotted pan head
 - Zinc-plated



84-1103
Screw

- Dim:** 6-32 x 1/2 L
Features:
- Slotted hex washer head, 1/4 drive
 - Thread- cutting
 - Zinc-plated

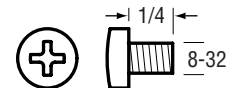
8-18



84-1201
Screw

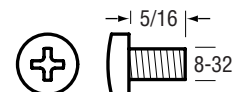
- Dim:** 8-18 x 5/8 L
Features:
- Slotted hex washer head, 1/4 drive
 - Thread -cutting
 - Zinc-plated

8-32



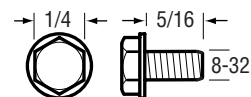
84-1216
Screw

- Dim:** 8-32 x 1/4 L
Features:
- Phillips pan head
 - Zinc-plated



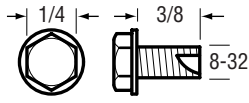
84-1221
Screw

- Dim:** 8-32 x 5/16 L
Features:
- Phillips pan head
 - Zinc-plated



84-1234
Screw

- Dim:** 8-32 x 5/16 L
Features:
- Hex washer head, 1/4 drive
 - Thread-forming
 - Zinc-plated

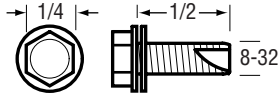


84-1218
Screw

Dim: 8-32 x 3/8 L

Features:

- Hex washer head, 1/4 drive
- Thread-cutting
- Zinc-plated

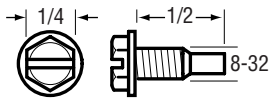


84-1207
Screw

Dim: 8-32 x 1/2 L

Features:

- Hex washer head, 1/4 drive
- Attached internal tooth lock washer
- Thread-cutting
- Zinc-yellow plated

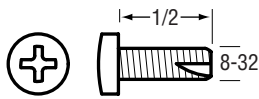


84-1214
Screw

Dim: 8-32 x 1/2 L

Features:

- Slotted hex washer head, 1/4 drive
- Dog point
- Zinc-plated

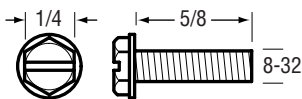


84-1215
Screw

Dim: 8-32 x 1/2 L

Features:

- Phillips pan head
- Thread-cutting
- Zinc-plated

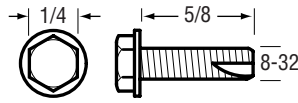


84-1209
Screw

Dim: 8-32 x 5/8 L

Features:

- Slotted hex washer head, 1/4 drive
- Zinc-plated

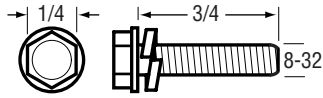


84-1222
Screw

Dim: 8-32 x 5/8 L

Features:

- Hex washer head, 1/4 drive
- Thread-cutting
- Zinc-plated

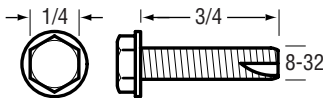


84-1208
Screw

Dim: 8-32 x 3/4 L

Features:

- Hex washer head, 1/4 drive
- Attached split lock washer
- Thread-forming
- Zinc-yellow plated

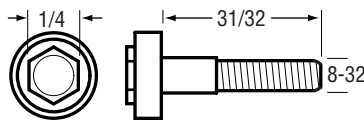


84-1217
Screw

Dim: 8-32 x 3/4 L

Features:

- Hex washer head, 1/4 drive
- Thread-cutting
- Zinc-plated

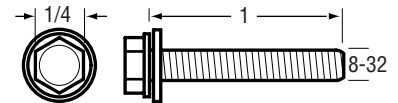


84-1226
Screw w/ Insulator

Dim: 8-32 x 31/32 L

Features:

- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Zinc-yellow plated

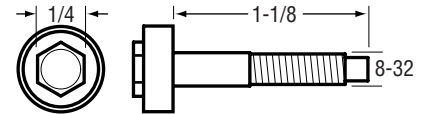


84-1225
Screw

Dim: 8-32 x 1 L

Features:

- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Zinc-yellow plated



84-1202
Screw w/ Insulator

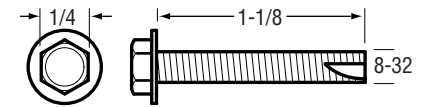
Dim: 8-32 x 1-1/8 L

Components:

42-1303 Insulator

Features:

- Hex washer head, 1/4 drive
- Dog point
- Zinc-yellow plated

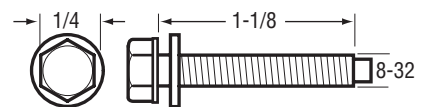


84-1203
Screw

Dim: 8-32 x 1-1/8 L

Features:

- Hex washer head, 1/4 drive
- Thread-cutting
- Zinc-plated



84-1212
Screw

Dim: 8-32 x 1-1/8 L

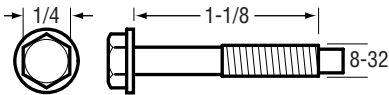
Features:

- Hex washer head, 1/4 drive
- Attached conical washer
- Dog point
- Zinc-yellow plated

HARDWARE (84-, 85-)

SCREWS - STANDARD

8-32 (cont'd.)

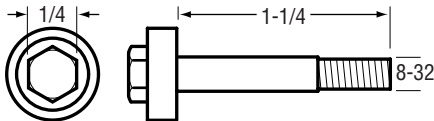


84-1213
Screw

Dim: 8-32 x 1-1/8 L

Features:

- Hex washer head, 1/4 drive
- Dog point
- Zinc-yellow plated

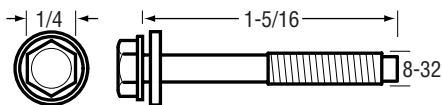


84-1205
Screw w/ Insulator

Dim: 8-32 x 1-1/4 L

Features:

- Hex washer head, 1/4 drive
- Attached conical washer
- Zinc-plated

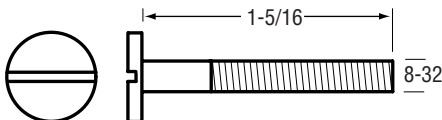


84-1204
Screw

Dim: 8-32 x 1-5/16 L

Features:

- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Dog point
- Zinc-yellow plated

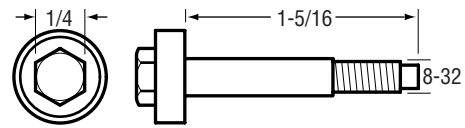


84-1206
Screw

Dim: 8-32 x 1-5/16 L

Features:

- Slotted binding head
- Zinc-plated



84-1239
Screw w/ Insulator

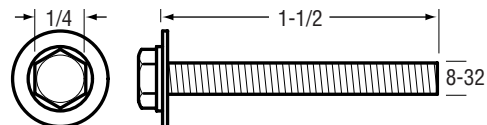
Dim: 8-32 x 1-5/16 L

Components:

84-1204 Screw

Features:

- Hex washer head, 1/4 drive
- Attached conical washer
- Thread-forming
- Dog point
- Zinc-plated

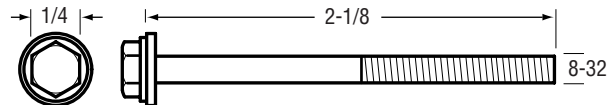


84-1233
Screw

Dim: 8-32 x 1-1/2 L

Features:

- Hex washer head, 1/4 drive
- Attached flat washer
- Zinc-plated



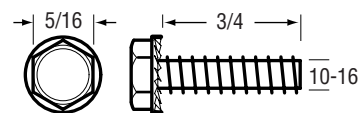
84-1237
Screw

Dim: 8-32 x 2-1/8 L

Features:

- Hex washer head, 1/4 drive
- Attached conical washer
- Zinc-yellow plated

10-16



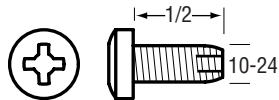
84-1310
Screw

Dim: 10-16 x 3/4 L

Features:

- Hex washer head, 5/16 drive
- Serrated flange
- Zinc-plated

10-24

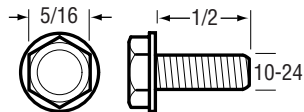


84-1316
Screw

Dim: 10-24 x 1/2 L

Features:

- Phillips pan head
- Thread-cutting
- Zinc-plated

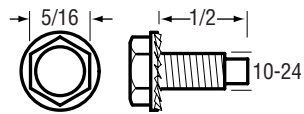


84-1317
Screw

Dim: 10-24 x 1/2 L

Features:

- Hex washer head, 5/16 drive
- Thread-forming
- Zinc-plated

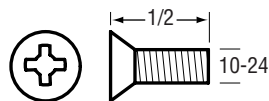


84-1319
Screw

Dim: 10-24 x 1/2 L

Features:

- Hex washer head, 5/16 drive
- Serrated flange
- Dog point
- Zinc-plated

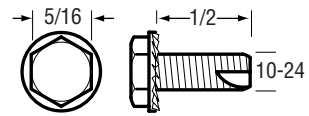


84-1351
Screw

Dim: 10-24 x 1/2 L

Features:

- Phillips flat head
- Zinc-yellow plated

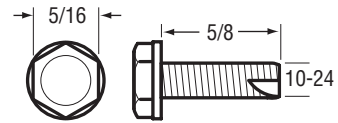


84-1358
Screw

Dim: 10-24 x 1/2 L

Features:

- Hex Washer Head, 5/16 drive
- Serrated Flange
- Thread-Cutting
- Zinc-plated

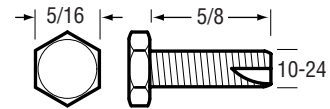


84-1323
Screw

Dim: 10-24 x 5/8 L

Features:

- Hex washer head, 5/16 drive
- Thread-cutting
- Zinc-plated

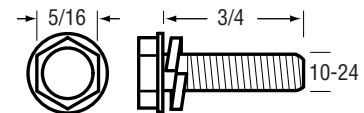


84-1366
Screw

Dim: 10-24 x 5/8 L

Features:

- Hex head, 5/16 drive
- Thread-cutting
- Plain finish



84-1313
Screw

Dim: 10-24 x 3/4 L

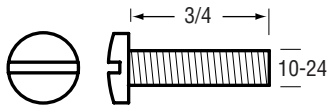
Features:

- Hex washer head, 5/16 drive
- Attached split lock washer
- Thread-forming
- Zinc-yellow plated

HARDWARE (84-, 85-)

SCREWS - STANDARD

10-24 (cont'd.)

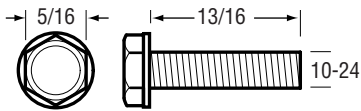


84-1318
Screw

Dim: 10-24 x 3/4 L

Features:

- Slotted pan head
- Zinc-plated

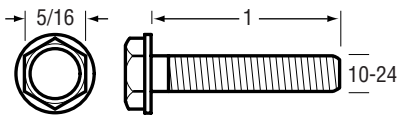


84-1339
Screw

Dim: 10-24 x 13/16 L

Features:

- Hex washer head, 5/16 drive
- Zinc-plated

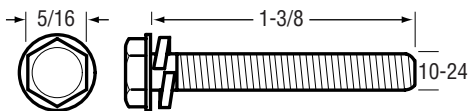


84-1324
Screw

Dim: 10-24 x 1 L

Features:

- Hex washer head, 5/16 drive
- Thread-forming
- Zinc-plated

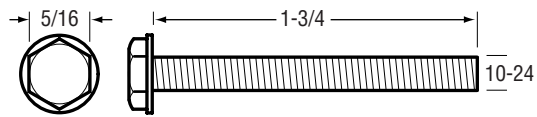


84-1312
Screw

Dim: 10-24 x 1-3/8 L

Features:

- Hex washer head, 5/16 drive
- Attached split lock washer
- Thread-forming
- Zinc-yellow plated



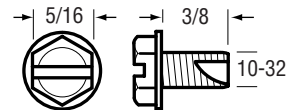
84-1315
Screw

Dim: 10-24 x 1-3/4 L

Features:

- Hex washer head, 5/16 drive
- Zinc-plated

10-32

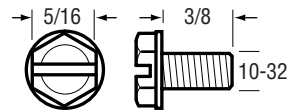


84-1325
Screw

Dim: 10-32 x 3/8 L

Features:

- Slotted hex washer head, 5/16 drive
- Thread-cutting
- Zinc-plated

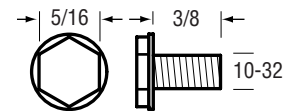


84-1331
Screw

Dim: 10-32 x 3/8 L

Features:

- Slotted hex washer head, 5/16 drive
- Zinc-plated

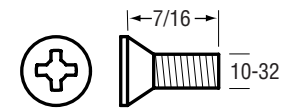


84-1332
Screw

Dim: 10-32 x 3/8 L

Features:

- Hex washer head, 5/16 drive
- Copper

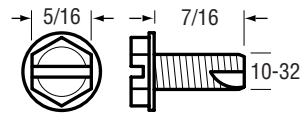


84-1328
Screw

Dim: 10-32 x 7/16 L

Features:

- Phillips flat head
- Zinc-plated

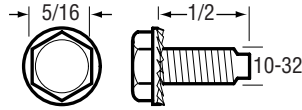


84-1359
Screw

Dim: 10-32 x 7/16 L

Features:

- Slotted Hex Washer Head, 5/16 drive
- Thread-Cutting
- Zinc-plated

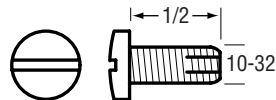


84-1300
Screw

Dim: 10-32 x 1/2 L

Features:

- Hex washer head, 5/16 drive
- Serrated flange
- Dog point
- Zinc-plated

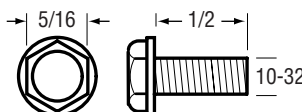


84-1338
Screw

Dim: 10-32 x 1/2 L

Features:

- Slotted pan head
- Thread-cutting
- Zinc-plated

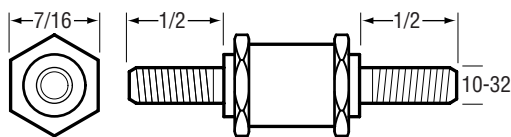


84-1362
Screw

Dim: 10-32 x 1/2 L

Features:

- Hex washer head, 5/16 drive
- Zinc-yellow plated



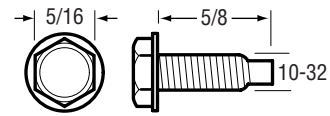
84-9301
Extended Bolt

Dim: 10-32 x 1/2 Int.

10-32 x 1/2 Ext.

Features:

- Brass
- w/ insulator

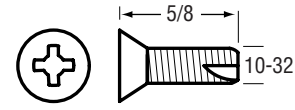


84-1327
Screw

Dim: 10-32 x 5/8 L

Features:

- Hex washer head, 5/16 drive
- Dog point
- Zinc-yellow plated

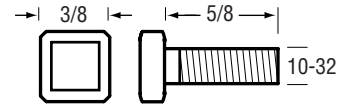


84-1335
Screw

Dim: 10-32 x 5/8 L

Features:

- Phillips flat head
- Thread-cutting
- Zinc-plated

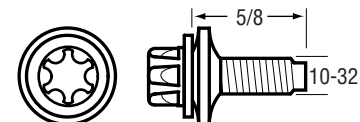


84-9300
Stud

Dim: 10-32 x 5/8 L

Features:

- Square head, 3/8 drive
- Zinc-plated

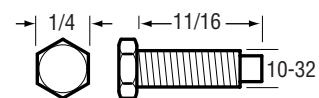


84-9303
Screw

Dim: 10-32 x 5/8 L

Features:

- External torx head, E8 drive
- Attached conical washer w/ seal
- Dog point
- Zinc-yellow plated



84-1353
Screw

Dim: 10-32 x 11/16 L

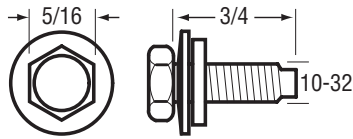
Features:

- Hex head, 1/4 drive
- Dog point
- Zinc-yellow plated

HARDWARE (84-, 85-)

SCREWS - STANDARD

10-32 (cont'd.)

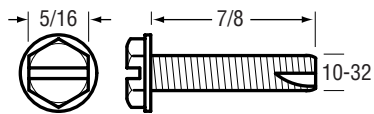


**84-9302
Screw**

Dim: 10-32 x 3/4 L

Features:

- Hex head, 5/16 drive
- Attached conical washer w/ seal
- Dog point
- Zinc-yellow plated

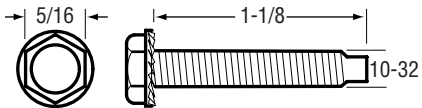


**84-1330
Screw**

Dim: 10-32 x 7/8 L

Features:

- Slotted hex washer head, 5/16 drive
- Thread-cutting
- Zinc-plated

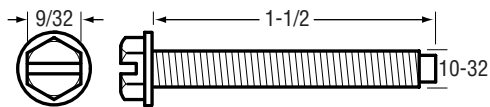


**84-1356
Screw**

Dim: 10-32 x 1-1/8 L

Features:

- Hex washer head, 5/16 drive
- Serrated flange
- Dog point
- Zinc-plated



**84-1314
Screw**

Dim: 10-32 x 1-1/2 L

Features:

- Slotted hex washer head, 9/32 drive
- Dog point
- Zinc-plated

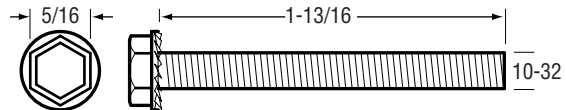


**84-1357
Screw**

Dim: 10-32 x 1-3/4 L

Features:

- Hex washer head, 5/16 drive
- Serrated flange
- Dog Point
- Zinc-plated



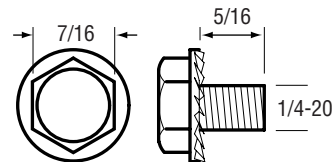
**84-1367
Screw**

Dim: 10-32 x 1-13/16 L

Features:

- Hex washer head, 5/16 drive
- Serrated flange
- Zinc-plated

1/4-20

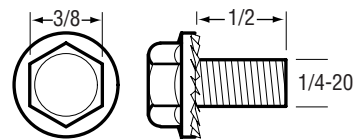


**84-1411
Screw**

Dim: 1/4-20 x 5/16 L

Features:

- Hex washer head, 7/16 drive
- Serrated flange
- Zinc-yellow plated

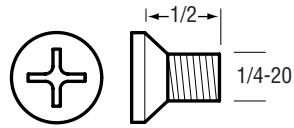


**84-1402
Screw**

Dim: 1/4-20 x 1/2 L

Features:

- Hex washer head, 3/8 drive
- Serrated flange
- Zinc-yellow plated

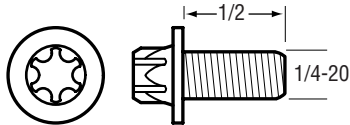


84-1427
Screw

Dim: 1/4-20 x 1/2 L

Features:

- Phillips flat head
- Zinc-plated

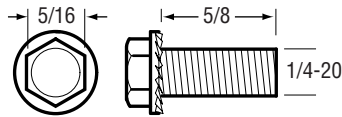


84-1434
Screw

Dim: 1/4-20 x 1/2 L

Features:

- External torx head, E8 drive
- Chamfered point
- Zinc-yellow plated

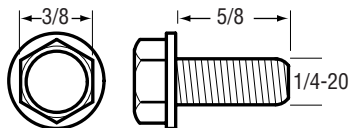


84-1410
Screw

Dim: 1/4-20 x 5/8 L

Features:

- Hex washer head, 5/16 drive
- Serrated flange
- Zinc-plated

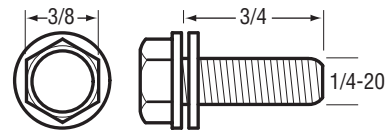


84-1409
Screw

Dim: 1/4-20 x 5/8 L

Features:

- Hex washer head, 3/8 drive
- Thread-forming
- Zinc-plated

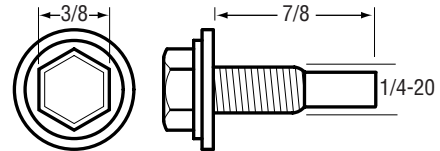


84-1409-1
Screw

Dim: 1/4-20 x 3/4 L

Features:

- Hex washer head, 3/8 drive
- Attached flat washer
- Plain finish

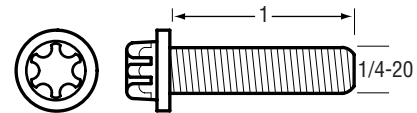


84-1418
Screw

Dim: 1/4-20 x 7/8 L

Features:

- Hex washer head, 3/8 drive
- Attached flat washer
- Dog point
- Black oxide finish

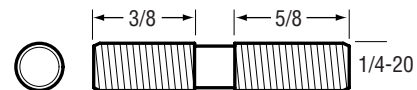


84-1441
Screw

Dim: 1/4-20 x 1 L

Features:

- External torx head, E8 drive
- Thread-forming
- Black oxide finish



84-9400
Stud

Dim: 1/4-20 x 3/8 L Int.
1/4-20 x 5/8 L Ext.

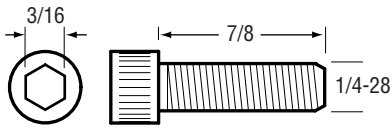
Features:

- Zinc-yellow plated

HARDWARE (84-, 85-)

SCREWS - STANDARD

1/4-28

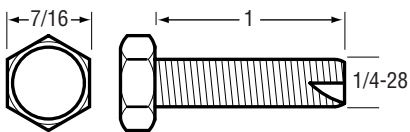


84-1420
Screw

Dim: 1/4-28 x 7/8 L

Features:

- Socket head, 3/16 drive
- Chamfered point
- Black oxide finish

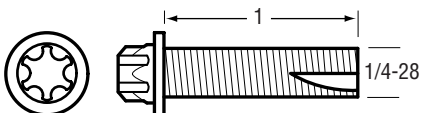


84-1419
Screw

Dim: 1/4-28 x 1 L

Features:

- Hex head, 7/16 drive
- Thread-cutting
- Zinc-yellow plated



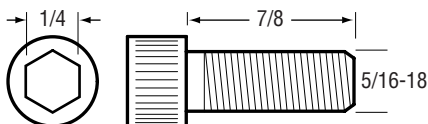
84-1433
Screw

Dim: 1/4-28 x 1 L

Features:

- External torx head, E8 drive
- Thread-cutting
- Black oxide finish

5/16-18

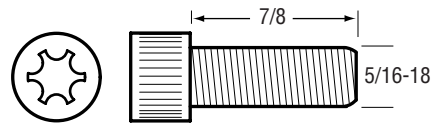


84-1425
Screw

Dim: 5/16-18 x 7/8 L

Features:

- Socket head, 1/4 drive
- Chamfered point
- Black oxide finish

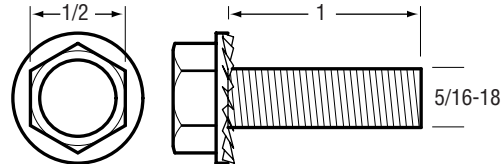


84-1435
Screw

Dim: 5/16-18 x 7/8 L

Features:

- Internal torx head, T45 drive
- Black oxide finish

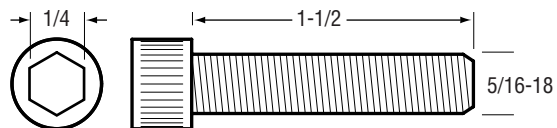


84-1408
Screw

Dim: 5/16-18 x 1 L

Features:

- Hex washer head, 1/2 drive
- Serrated flange
- Zinc-yellow plated

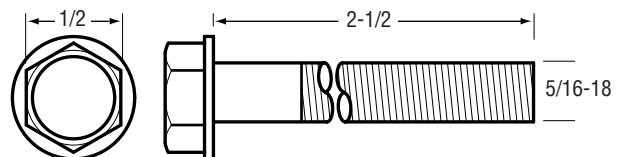


84-1421
Screw

Dim: 5/16-18 x 1-1/2 L

Features:

- Socket head, 1/4 drive
- Chamfered point
- Black oxide finish



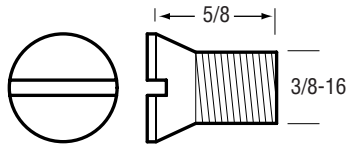
84-1423
Screw

Dim: 5/16-18 x 2-1/2 L

Features:

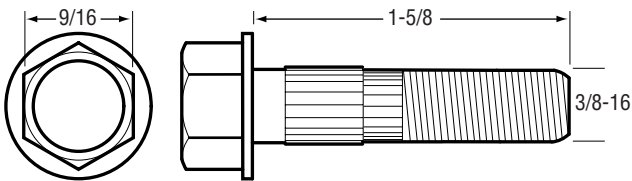
- Hex washer head, 1/2 drive
- Zinc-yellow plated

3/8-16



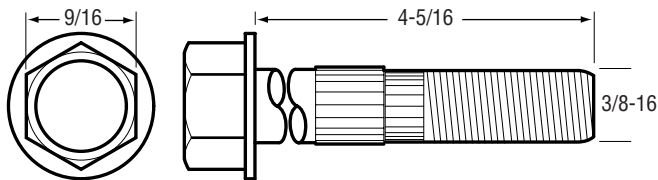
84-1500
Screw

- Dim:** 3/8-16 x 5/8 L
Features:
- Slotted flat head
 - Black oxide finish



84-1506
Bolt

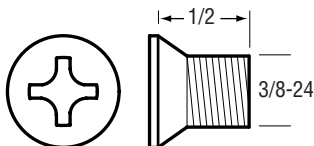
- Dim:** 3/8-16 x 1-5/8 L, w/ 10mm Shank
Features:
- Hex washer head, 9/16 drive
 - Grade 8
 - Chamfered point
 - Zinc-plated



84-1507
Bolt

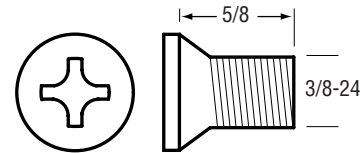
- Dim:** 3/8-16 x 4-5/16 L, w/ 10mm Shank
Features:
- Hex washer head, 9/16 drive
 - Grade 8
 - Chamfered point
 - Zinc-plated

3/8-24



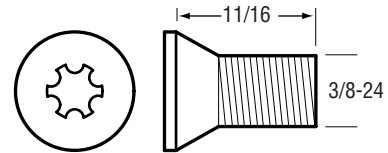
84-1501
Screw

- Dim:** 3/8-24 x 1/2 L
Features:
- Phillips flat head
 - Plain finish



84-1502
Screw

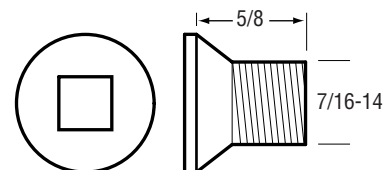
- Dim:** 3/8-24 x 5/8 L
Features:
- Phillips flat head
 - Zinc-yellow plated



84-1504
Screw

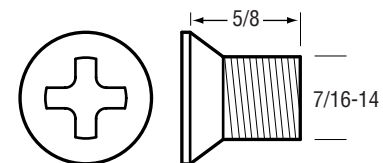
- Dim:** 3/8-24 x 11/16 L
Features:
- Internal torx flat head, T40 drive
 - Zinc-yellow plated

7/16-14



84-1503
Screw

- Dim:** 7/16-14 x 5/8 L
Features:
- Square drive flat head
 - Black oxide finish



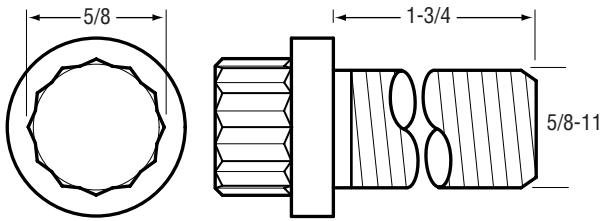
84-1503-1
Screw

- Dim:** 7/16-14 x 5/8 L
Features:
- Phillips flat head
 - Zinc-yellow plated

HARDWARE (84-, 85-)

SCREWS - STANDARD

5/8-11

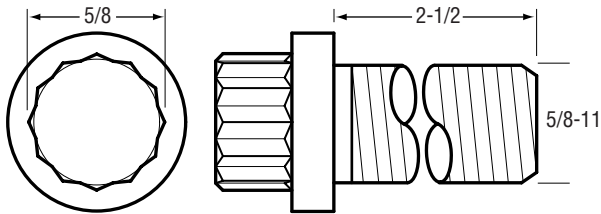


84-1600
Bolt

Dim: 5/8-11 x 1-3/4 L

Features:

- 12-point head, 5/8 drive
- Chamfered point
- Black oxide finish



84-1601
Bolt

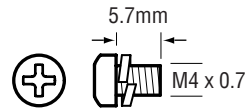
Dim: 5/8-11 x 2-1/2 L

Features:

- 12-point head, 5/8 drive
- Chamfered point
- Black oxide finish

SCREWS - METRIC

M4 x 0.7

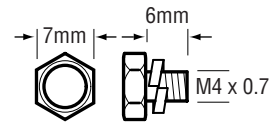


85-1205
Screw

Dim: M4 x 0.7 x 5.7mm L

Features:

- Phillips pan head
- Attached split lock washer
- Zinc-yellow plated

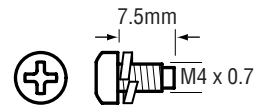


85-1213
Screw

Dim: M4 x 0.7 x 6mm L

Features:

- Hex head, 7mm drive
- Attached split lock washer
- Zinc-plated

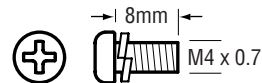


85-1205-1
Screw

Dim: M4 x 0.7 x 7.5mm L

Features:

- Phillips pan head
- Attached split lock washer
- Dog point
- Zinc-plated

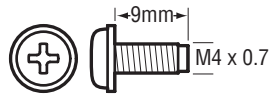


85-1209
Screw

Dim: M4 x 0.7 x 8mm L

Features:

- Phillips pan head
- Attached split lock washer
- Zinc-plated

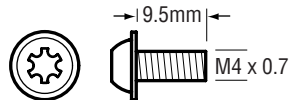


**85-1225
Screw**

Dim: M4 x 0.7 x 9mm L

Features:

- Phillips pan head
- Zinc-plated

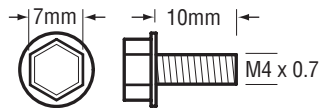


**85-1206
Screw**

Dim: M4 x 0.7 x 9.5mm L

Features:

- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated

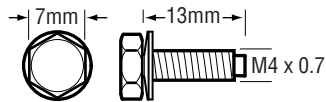


**85-1204
Screw**

Dim: M4 x 0.7 x 10mm L

Features:

- Hex washer head, 7mm drive
- Zinc-plated

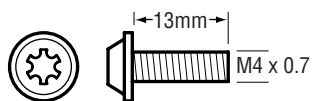


**85-1201
Screw**

Dim: M4 x 0.7 x 13mm L

Features:

- Hex head, 7mm drive
- Attached conical washer
- Dog Point
- Zinc-plated

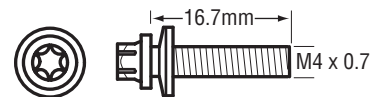


**85-1217
Screw**

Dim: M4 x 0.7 x 13mm L

Features:

- Internal torx head, T20 drive
- Thread-forming
- Zinc-black finish

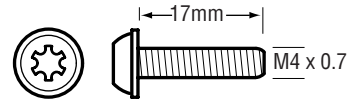


**85-1220
Screw**

Dim: M4 x 0.7 x 16.7mm L

Features:

- External torx head, E5 drive
- Attached conical washer
- Thread-forming

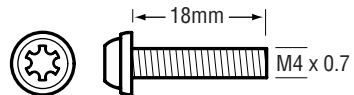


**85-1202
Screw**

Dim: M4 x 0.7 x 17mm L

Features:

- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated

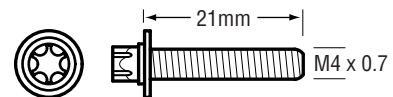


**85-1215
Screw**

Dim: M4 x 0.7 x 18 mm L

Features:

- Internal torx head, T20 drive
- Zinc-plated



**85-1200
Screw**

Dim: M4 x 0.7 x 21mm L

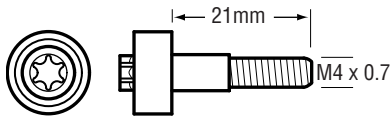
Features:

- External torx head, E5 drive
- Attached flat washer
- Thread-forming
- Zinc-plated

HARDWARE (84-, 85-)

SCREWS - METRIC

M4 x 0.7 (cont'd.)



85-1214

Screw w/ Insulator

Dim: M4 x 0.7 x 21mm L

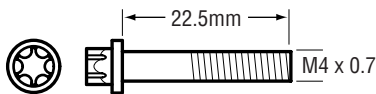
Components:

42-1316 Insulator

85-1200 Screw

Features:

- External torx head, E5 drive
- Attached conical washer
- Thread-forming
- Zinc-plated



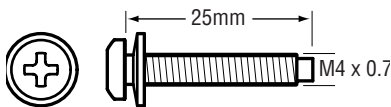
85-1216

Screw

Dim: M4 x 0.7 x 22.5mm L

Features:

- External torx head, E5 drive
- Thread-forming
- Zinc-yellow plated



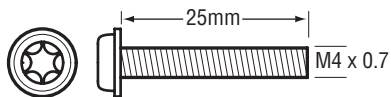
85-1210

Screw

Dim: M4 x 0.7 x 25mm L

Features:

- Phillips pan head
- Attached conical washer
- Dog point
- Zinc-plated



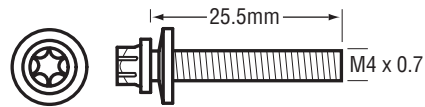
85-1223

Screw

Dim: M4 x 0.7 x 25mm L

Features:

- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated



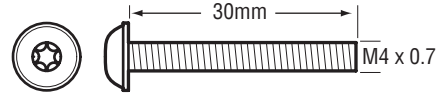
85-1219

Screw - Brush Holder, Rectifier

Dim: M4 x 0.7 x 25.5mm L

Features:

- External torx head, E5 drive
- Chamfer point
- Zinc-plated



85-1224

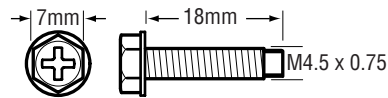
Screw

Dim: M4 x 0.7 x 30mm L

Features:

- Internal torx head, T20 drive
- Thread-forming
- Zinc-plated

M4.5 x 0.75



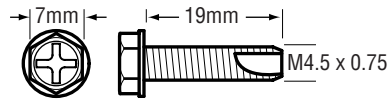
85-1208

Screw

Dim: M4.5 x 0.75 x 18mm L

Features:

- Phillips hex washer head, 7mm drive
- Dog point
- Zinc-yellow plated



85-1208-1

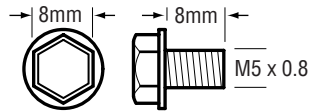
Screw

Dim: M4.5 x 0.75 x 19mm L

Features:

- Phillips hex washer head, 7mm drive
- Thread-cutting
- Zinc-plated

M5 x 0.8

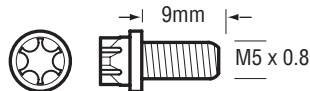


85-1316
Screw

Dim: M5 x 0.8 x 8mm L

Features:

- Hex washer head, 8mm drive
- Zinc-plated

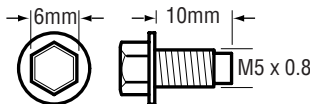


85-1365
Screw

Dim: M5 x 0.8 x 9mm L

Features:

- External torx head, E6 drive
- Zinc-yellow plated

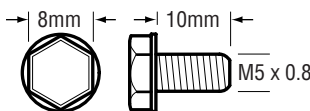


85-1320-1
Screw

Dim: M5 x 0.8 x 10mm L

Features:

- Hex washer head, 6mm drive
- Dog point
- Black oxide finish

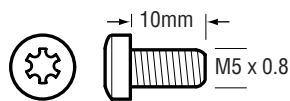


85-1326
Screw

Dim: M5 x 0.8 x 10mm L

Features:

- Hex washer head, 8mm drive
- Thread-forming
- Zinc-yellow plated

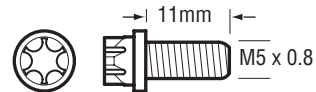


85-1346
Screw

Dim: M5 x 0.8 x 10mm L

Features:

- Internal torx head, T20 drive
- Thread-forming
- Zinc-yellow plated

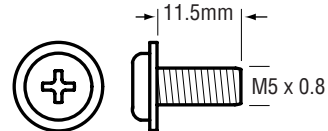


85-1340
Screw

Dim: M5 x 0.8 x 11mm L

Features:

- External torx head, E6 drive
- Thread-forming
- Zinc-yellow plated

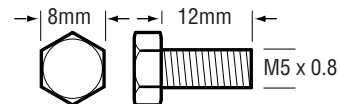


85-1347
Screw - Brush Holder

Dim: M5 x 0.8 x 11.5mm L

Features:

- Phillips pan head
- Chamfered point
- Zinc-yellow plated steel

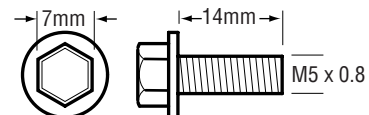


85-1309
Screw

Dim: M5 x 0.8 x 12mm L

Features:

- Hex head, 8mm drive
- Black oxide finish

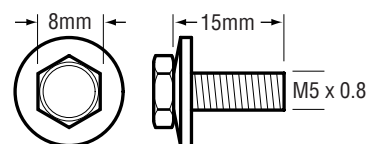


85-1332
Screw - Brush Holder

Dim: M5 x 0.8 x 14mm L

Features:

- Hex washer head, 7mm drive
- Zinc-yellow plated



85-1312
Screw

Dim: M5 x 0.8 x 15mm L

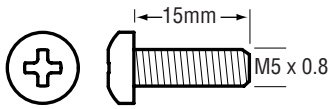
Features:

- Hex head, 8mm drive
- Attached conical washer
- Black oxide finish

HARDWARE (84-, 85-)

SCREWS - METRIC

M5 x 0.8 (cont'd.)

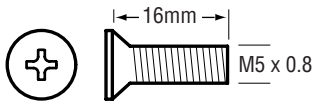


85-1349
Screw

Dim: M5 x 0.8 x 15mm L

Features:

- Phillips pan head
- Chamfered point
- Zinc-yellow plated

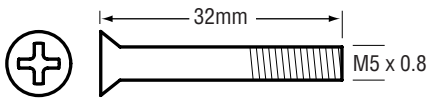


85-1310
Screw

Dim: M5 x 0.8 x 16mm L

Features:

- Phillips flat head
- Zinc-plated

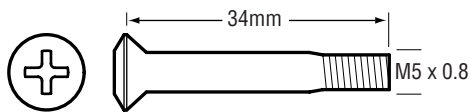


85-1334
Screw

Dim: M5 x 0.8 x 32mm L

Features:

- Phillips flat head
- Black oxide finish

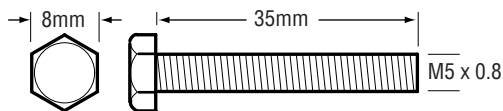


85-1313
Screw

Dim: M5 x 0.8 x 34mm L

Features:

- Phillips oval head
- Black oxide finish



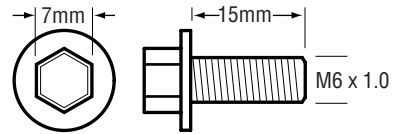
85-1308
Screw

Dim: M5 x 0.8 x 35mm L

Features:

- Hex head, 8mm drive
- Black oxide finish

M6 x 1.0

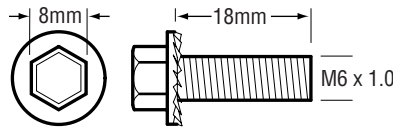


85-1337
Screw

Dim: M6 x 1.0 x 15mm L

Features:

- Hex washer head, 7mm drive
- Zinc-yellow plated

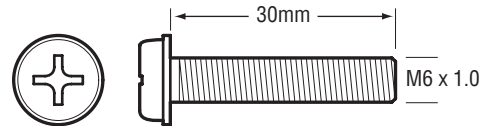


85-1331
Screw

Dim: M6 x 1.0 x 18mm L

Features:

- Hex washer head, 8mm drive
- Serrated flange
- Zinc-yellow plated

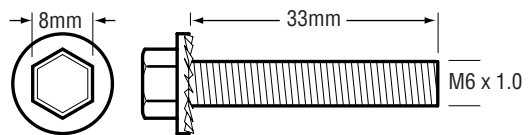


85-1368
Screw

Dim: M6 x 1.0 x 30mm L

Features:

- Phillips pan head
- Zinc plated

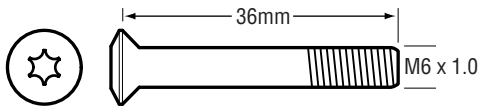


85-1329
Screw

Dim: M6 x 1.0 x 33mm L

Features:

- Hex washer head, 8mm drive
- Serrated flange
- Zinc-yellow plated



85-1319
Screw

Dim: M6 x 1.0 x 36mm L

Features:

- Internal torx oval head, T25 drive
- Chamfered point
- Zinc-plated

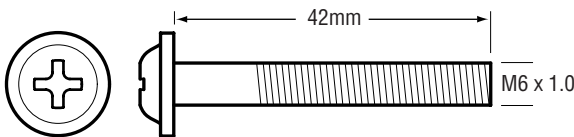


85-1359
Screw

Dim: M6 x 1.0 x 36mm L

Features:

- Phillips pan head
- Chamfered point
- Zinc-yellow plated steel

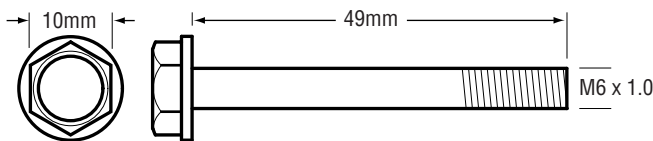


85-1336
Screw

Dim: M6 x 1.0 x 42mm L

Features:

- Phillips washer head
- Zinc-yellow plated

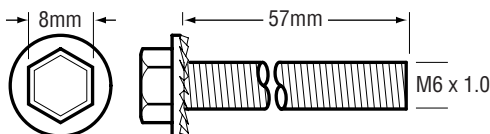


85-1327
Screw

Dim: M6 x 1.0 x 49mm L

Features:

- Hex washer head, 10mm drive
- Zinc-yellow plated



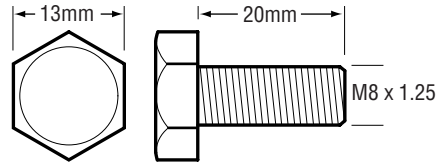
85-1330
Screw

Dim: M6 x 1.0 x 57mm L

Features:

- Hex washer head, 8mm drive
- Serrated flange
- Zinc-yellow plated

M8 x 1.25

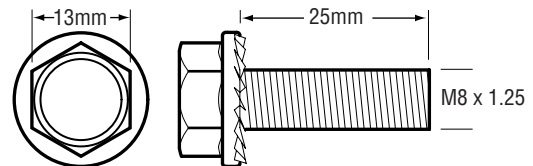


85-1402
Bolt

Dim: M8 x 1.25 x 20mm L

Features:

- Hex head, 13mm drive
- Black oxide finish



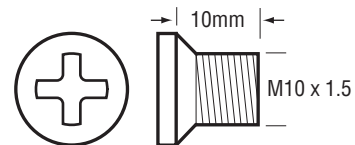
85-1401
Bolt

Dim: M8 x 1.25 x 25mm L

Features:

- Hex washer head, 13mm drive
- Serrated flange
- Zinc-plated

M10 x 1.5

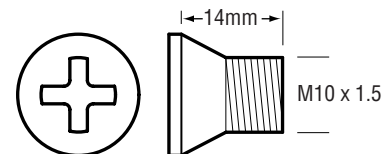


85-1506
Screw

Dim: M10 x 1.5 x 10mm L

Features:

- Phillips flat head
- Zinc-yellow plating



85-1504
Screw

Dim: M10 x 1.5 x 14mm L

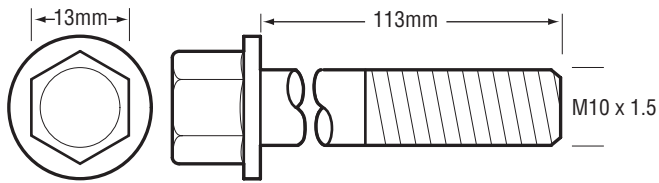
Features:

- Phillips flat head
- Zinc-yellow plated

HARDWARE (84-, 85-)

SCREWS - METRIC

M10 x 1.5 (cont'd.)



85-1507

Bolt - D.E. Mounting

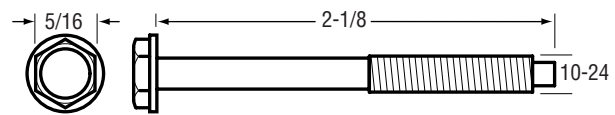
Dim: M10 x 1.5 x 113mm L

Features:

- Hex washer head, 13mm drive
- Chamfered point
- Zinc plated

THRU BOLTS - STANDARD

10-24

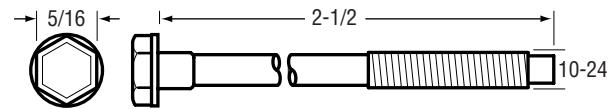


84-1307
Thru Bolt

Dim: 10-24 x 2-1/8 L

Features:

- Hex washer head, 5/16 drive
- Dog point
- Zinc-plated

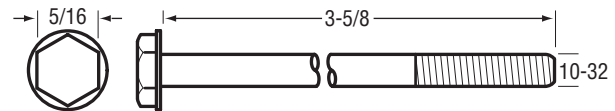


84-1304
Thru Bolt

Dim: 10-24 x 2-1/2 L

Features:

- Hex washer head, 5/16 drive
- Dog point
- Zinc-plated

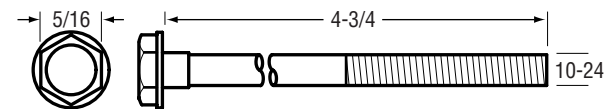


84-1305
Thru Bolt

Dim: 10-24 x 3-5/8 L

Features:

- Hex washer head, 5/16 drive
- Zinc-yellow plated

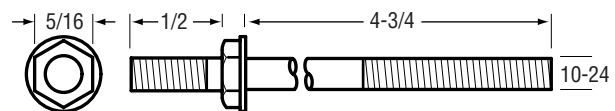


84-1340
Thru Bolt

Dim: 10-24 x 4-3/4 L

Features:

- Hex washer head, 5/16 drive
- Plain finish



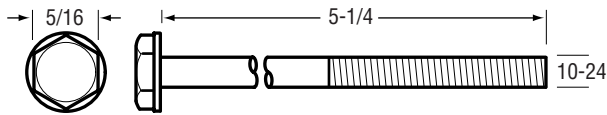
84-1341
Thru Bolt w/ Extension

Dim: 10-24 x 4-3/4 L

10-24 x 1/2 L Ext.

Features:

- Hex washer head, 5/16 drive
- Plain finish

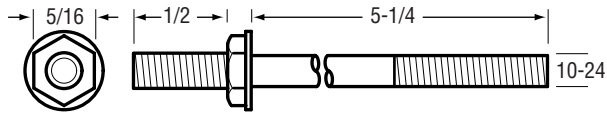


84-1342
Thru Bolt

Dim: 10-24 x 5-1/4 L

Features:

- Hex washer head, 5/16 drive
- Plain finish



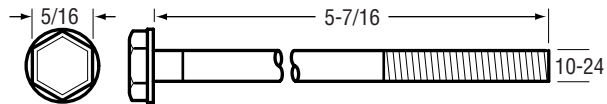
84-1343
Thru Bolt w/ Extension

Dim: 10-24 x 5-1/4 L

10-24 x 1/2 L Ext.

Features:

- Hex washer head, 5/16 drive
- Plain finish

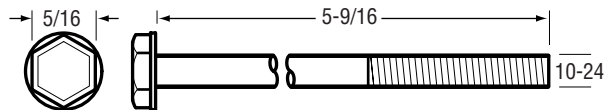


84-1350
Thru Bolt

Dim: 10-24 x 5-7/16 L

Features:

- Hex washer head, 5/16 drive
- Plain finish

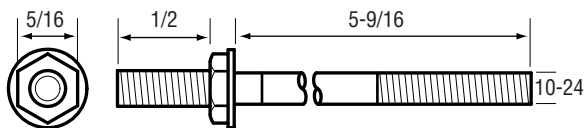


84-1344
Thru Bolt

Dim: 10-24 x 5-9/16 L

Features:

- Hex washer head, 5/16 drive
- Plain finish



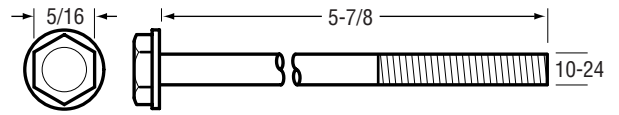
84-1349
Thru Bolt w/ Extension

Dim: 10-24 x 5-9/16 L

10-24 x 1/2 L Ext.

Features:

- Hex washer head, 5/16 drive
- Plain finish

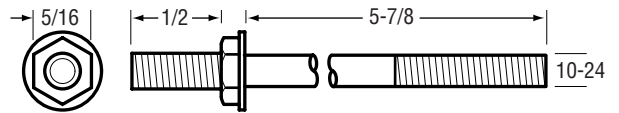


84-1345
Thru Bolt

Dim: 10-24 x 5-7/8 L

Features:

- Hex washer head, 5/16 drive
- Plain finish



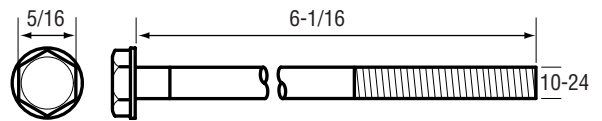
84-1346
Thru Bolt w/ Extension

Dim: 10-24 x 5-7/8 L

10-24 x 1/2 L Ext.

Features:

- Hex washer head, 5/16 drive
- Plain finish

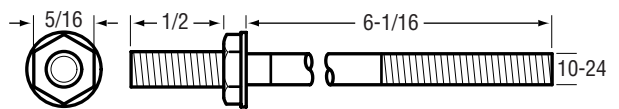


84-1347
Thru Bolt

Dim: 10-24 x 6-1/16 L

Features:

- Hex washer head, 5/16 drive
- Plain finish



84-1348
Thru Bolt w/ Extension

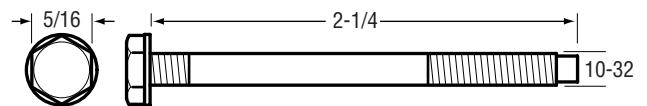
Dim: 10-24 x 6-1/16 L

10-24 x 1/2 L Ext.

Features:

- Hex washer head, 5/16 drive
- Plain finish

10-32



84-1352
Thru Bolt

Dim: 10-32 x 2-1/4 L

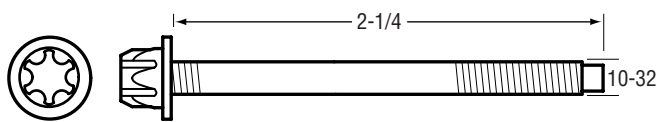
Features:

- Hex washer head, 5/16 drive
- Dog point
- Zinc-yellow plated

HARDWARE (84-, 85-)

THRU BOLTS - STANDARD

10-32 (cont'd.)

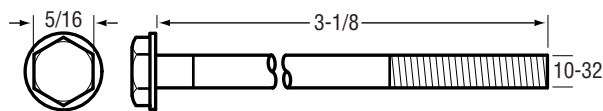


84-1361
Thru Bolt

Dim: 10-32 x 2-1/4 L

Features:

- External torx head, E8 drive
- Dog point
- Zinc-yellow plated

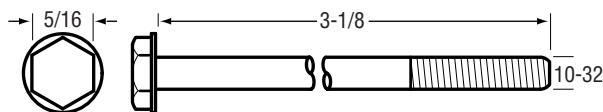


84-1301
Thru Bolt

Dim: 10-32 x 3-1/8 L

Features:

- Hex washer head, 5/16 drive
- Zinc-yellow plated

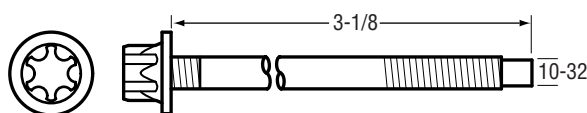


84-1308
Thru Bolt

Dim: 10-32 x 3-1/8 L

Features:

- Hex Washer Head, 5/16 drive
- Chamfered point
- Zinc-plated

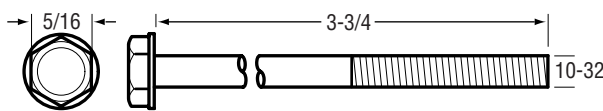


84-1360
Thru Bolt

Dim: 10-32 x 3-1/8 L

Features:

- External torx head, E8 drive
- Dog point
- Zinc-yellow plated



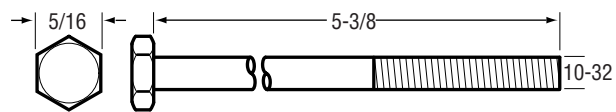
84-1303
Thru Bolt

Dim: 10-32 x 3-3/4 L

Note: Extra long thru bolts for salvaging stripped Chrysler Round Back, Square Back S.R.E. frames. Used with 84-2307 Lock Nut.

Features:

- Hex washer head, 5/16 drive
- Zinc-plated



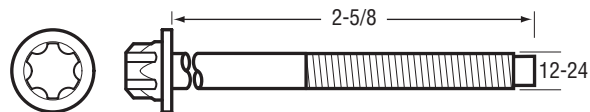
84-1333
Thru Bolt

Dim: 10-32 x 5-3/8 L

Features:

- Hex head, 5/16 drive
- Zinc-yellow plated

12-24



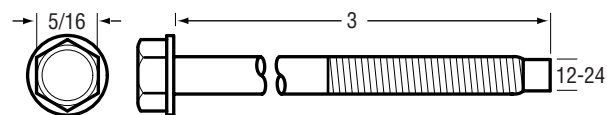
84-1371
Thru Bolt

Dim: 12-24 x 2-5/8 L

Note: Oversized replacement for salvaging Delco CS130 D.E. frames with stripped-out thru-bolt holes. Simply threads into place no drilling required.

Features:

- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-yellow plated



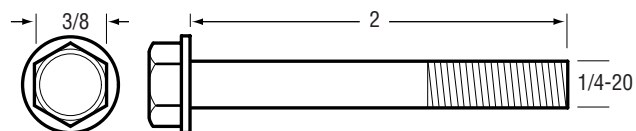
84-1309
Thru Bolt

Dim: 12-24 x 3 L

Features:

- Hex washer head, 5/16 drive
- Dog point
- Black oxide finish

1/4-20

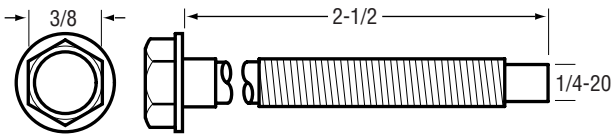


84-1406
Thru Bolt

Dim: 1/4-20 x 2 L

Features:

- Hex washer head, 3/8 drive
- Zinc-plated

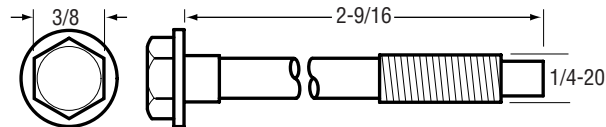


84-1407
Thru Bolt

Dim: 1/4-20 x 2-1/2 L

Features:

- Hex washer head, 3/8 drive
- Dog point
- Zinc-plated

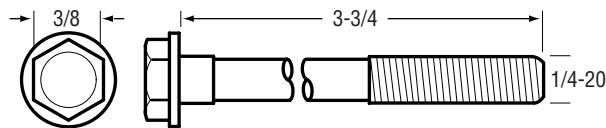


84-1443
Thru Bolt

Dim: 1/4-20 x 2-9/16 L

Features:

- Hex washer head, 3/8 drive
- Dog point
- Zinc-plated

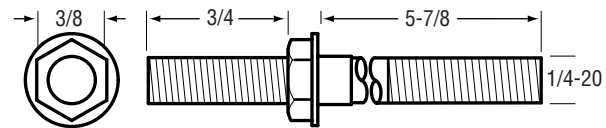


84-1444
Thru Bolt

Dim: 1/4-20 x 3-3/4 L

Features:

- Hex washer head, 3/8 drive
- Chamfered point
- Zinc-yellow plated



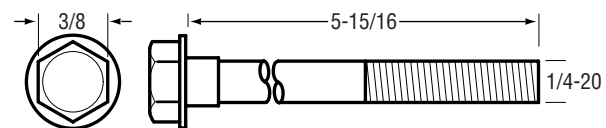
84-1414
Thru Bolt w/ Extension

Dim: 1/4-20 x 5-7/8 L

1/4-20 x 3/4 L Ext.

Features:

- Hex washer head, 3/8 drive
- Plain finish

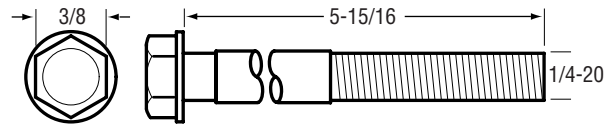


84-1415
Thru Bolt

Dim: 1/4-20 x 5-15/16 L

Features:

- Hex washer head, 3/8 drive
- Plain finish



84-1432
Thru Bolt

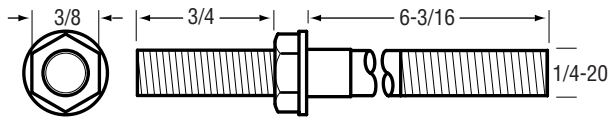
Dim: 1/4-20 x 5-15/16 L

Components:

84-1415 Thru Bolt

Features:

- Hex washer head, 3/8 drive
- Plain finish
- w/ form-fitted insulating tubing



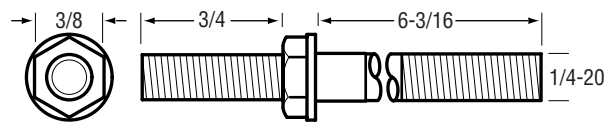
84-1404
Thru Bolt w/ Extension

Dim: 1/4-20 x 6-3/16 L

1/4-20 x 3/4 L Ext.

Features:

- Hex washer head, 3/8 drive
- Plain finish



84-1431
Thru Bolt w/ Extension

Dim: 1/4-20 x 6-3/16 L

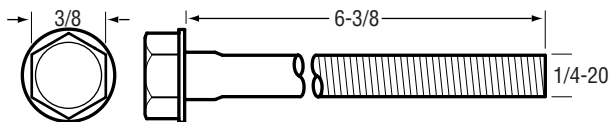
1/4-20 x 3/4 L Ext.

Components:

84-1404 Thru Bolt

Features:

- Hex washer head, 3/8 drive
- Plain finish
- w/ form-fitted insulating tubing



84-1403
Thru Bolt

Dim: 1/4-20 x 6-3/8 L

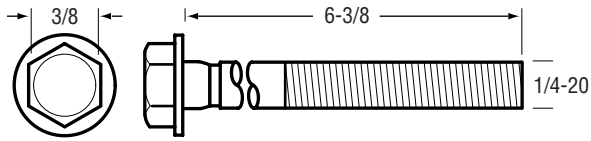
Features:

- Hex washer head, 3/8 drive
- Zinc-yellow plated

HARDWARE (84-, 85-)

THRU BOLTS - STANDARD

1/4-20 (cont'd.)



84-1430
Thru Bolt

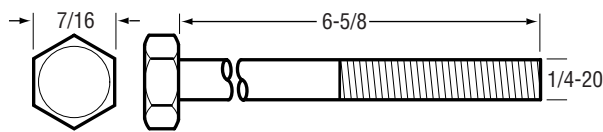
Dim: 1/4-20 x 6-3/8 L

Components:

84-1403 Thru Bolt

Features:

- Hex washer head, 3/8 drive
- Plain finish
- w/ form-fitted insulating tubing

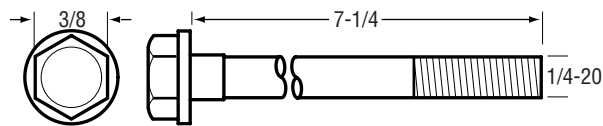


84-1416
Thru Bolt

Dim: 1/4-20 x 6-5/8 L

Features:

- Hex head, 7/16 drive
- Plain Finish

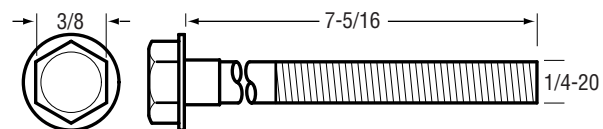


84-1417
Thru Bolt

Dim: 1/4-20 x 7-1/4 L

Features:

- Hex washer head, 3/8 drive
- Plain finish

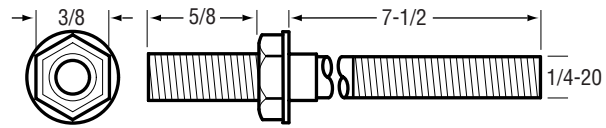


84-1437
Thru Bolt

Dim: 1/4-20 x 7-5/16 L

Features:

- Hex washer head, 3/8 drive
- Plain finish



84-1438

Thru Bolt w/ Extension

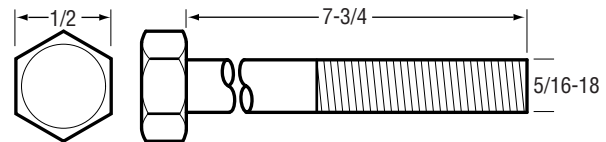
Dim: 1/4-20 x 7-1/2 L

1/4-20 x 5/8 L Ext.

Features:

- Hex washer head, 3/8 drive
- Plain finish

5/16-18

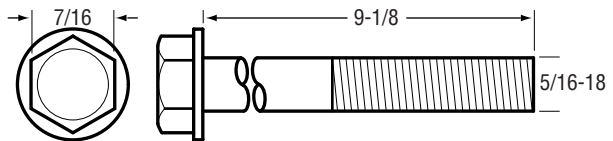


84-1424
Thru Bolt

Dim: 5/16-18 x 7-3/4 L

Features:

- Hex head, 1/2 drive
- Plain finish



84-1426
Thru Bolt

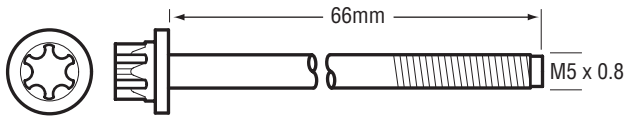
Dim: 5/16-18 x 9-1/8 L

Features:

- Hex washer head, 7/16 drive
- Plain finish

THRU BOLTS - METRIC

M5 x 0.8

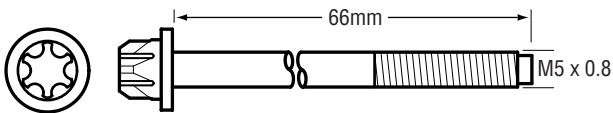


85-1302
Thru Bolt

Dim: M5 x 0.8 x 66mm L

Features:

- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-plated

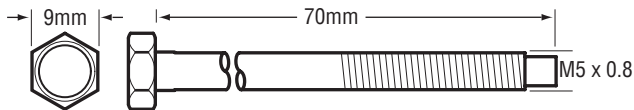


85-1302-1
Thru Bolt

Dim: M5 x 0.8 x 66mm L

Features:

- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-plated
- Wax-coated threads for easier installation

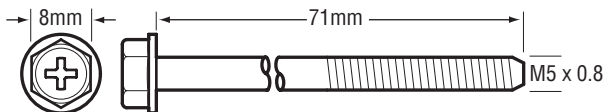


85-1301
Thru Bolt

Dim: M5 x 0.8 x 70mm L

Features:

- Hex head, 9mm drive
- Dog point
- Zinc-plated

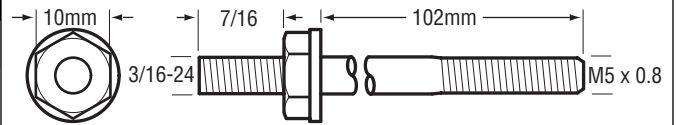


85-1361
Thru Bolt

Dim: M5 x 0.8 x 71mm L

Features:

- Phillips hex head, 8mm drive
- Zinc-yellow plated



85-1338

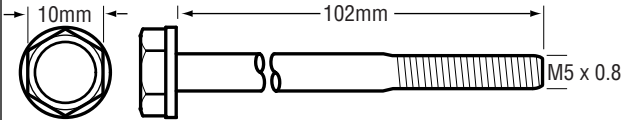
Thru Bolt w/ Extension

Dim: M5 x 0.8 x 102mm L

3/16-24 x 7/16 L Ext.

Features:

- Hex washer head, 10mm drive
- Chamfered point
- Zinc-yellow plated



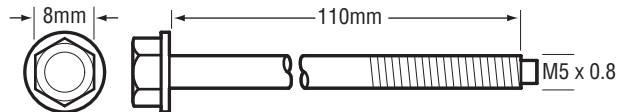
85-1339

Thru Bolt

Dim: M5 x 0.8 x 102mm L

Features:

- Hex washer head, 10mm drive
- Chamfered point
- Zinc-yellow plated



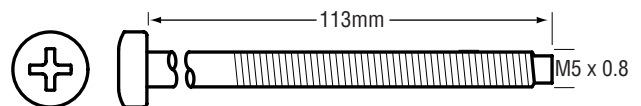
85-1367

Thru Bolt

Dim: M5 x 0.8 x 110mm L

Features:

- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



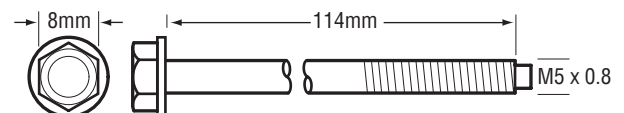
85-1324

Thru Bolt

Dim: M5 x 0.8 x 113mm L

Features:

- Phillips pan head
- Dog point
- Zinc-yellow plated



85-1369

Thru Bolt

Dim: M5 x 0.8 x 114mm L

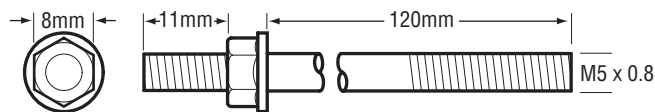
Features:

- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated

HARDWARE (84-, 85-)

THRU BOLTS - METRIC

M5 x 0.8 (cont'd.)



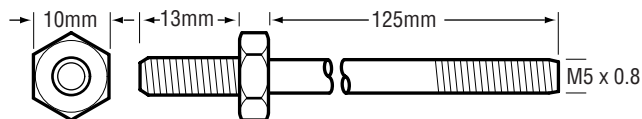
85-1378

Thru Bolt w/ Extension

Dim: M5 x 0.8 x 120mm L
M5 x 0.8 x 11mm L Ext.

Features:

- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



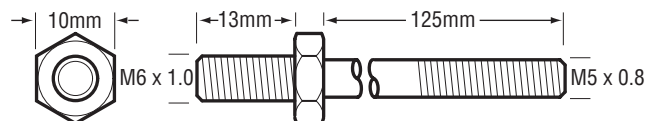
85-1318

Thru Bolt w/ Extension

Dim: M5 x 0.8 x 125mm L
M5 x 0.8 x 13mm L Ext.

Features:

- Hex head, 10mm drive
- Chamfered point
- Zinc yellow plated



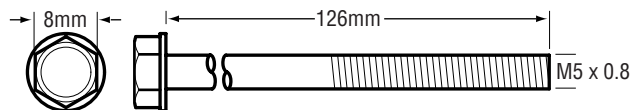
85-1344

Thru Bolt w/ Extension

Dim: M5 x 0.8 x 125mm L
M6 x 1.0 x 13mm L Ext.

Features:

- Hex head, 10mm drive
- Chamfered point
- Zinc yellow plated



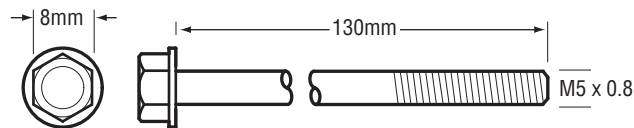
85-1317

Thru Bolt

Dim: M5 x 0.8 x 126mm L

Features:

- Hex washer head, 8mm drive
- Zinc-yellow plated



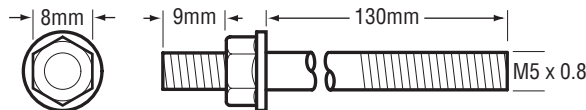
85-1376

Thru Bolt

Dim: M5 x 0.8 x 130mm L

Features:

- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



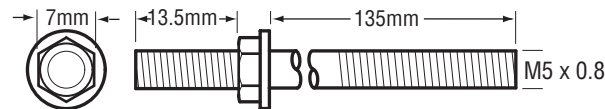
85-1377

Thru Bolt w/ Extension

Dim: M5 x 0.8 x 130mm L
M5 x 0.8 x 9mm L Ext.

Features:

- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated



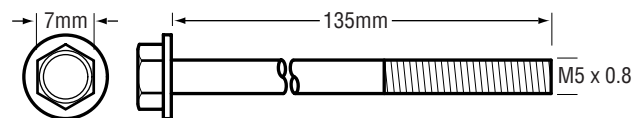
85-1323

Thru Bolt w/ Extension

Dim: M5 x 0.8 x 135mm L
M5 x 0.8 x 13.5mm L Ext.

Features:

- Hex washer head, 7mm drive
- Black oxide finish



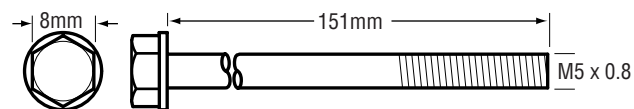
85-1333

Thru Bolt

Dim: M5 x 0.8 x 135mm L

Features:

- Hex washer head, 7mm drive
- Black oxide finish



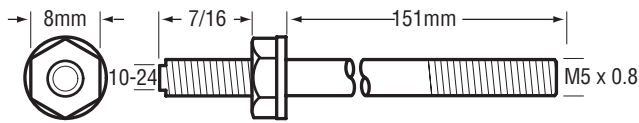
85-1357

Thru Bolt

Dim: M5 x 0.8 x 151mm L

Features:

- Hex washer head, 8mm drive
- Zinc-yellow plated



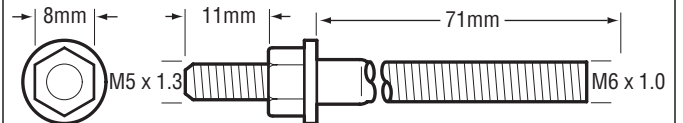
85-1360

Thru Bolt w/ Extension

Dim: M5 x 0.8 x 151mm L
10-24 x 7/16 L Ext

Features:

- Hex washer head, 8mm drive
- Zinc-yellow plated



85-1362

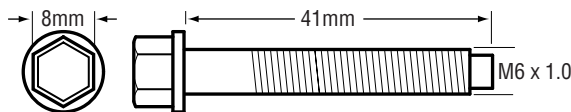
Thru Bolt w/ Extension

Dim: M6 x 1.0 x 71mm L
M5 x 1.30 x 11mm L Ext

Features:

- Hex washer head, 8mm drive
- Dog point
- Zinc-plated

M6 x 1.0



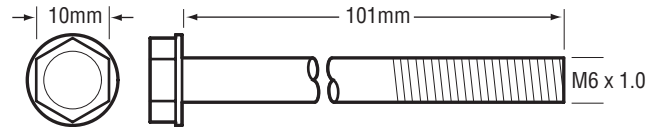
85-1345

Thru Bolt

Dim: M6 x 1.0 x 41mm L

Features:

- Hex washer head, 8mm drive
- Dog point
- Zinc-plated



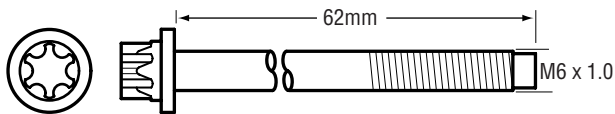
85-1366

Thru Bolt

Dim: M6 x 1.0 x 101mm L

Features:

- Hex washer head, 10mm drive
- Chamfer point
- Zinc-yellow plated



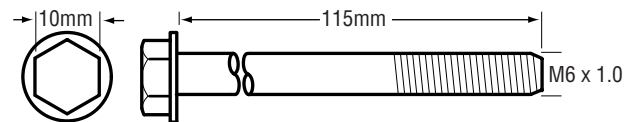
85-1335

Thru Bolt

Dim: M6 x 1.0 x 62mm L

Features:

- External torx head, E8 drive
- Thread-forming
- Dog point
- Zinc-plated



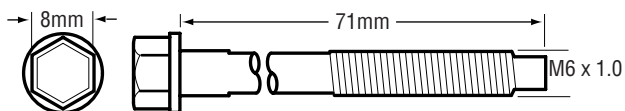
85-1355

Thru Bolt

Dim: M6 x 1.0 x 115mm L

Features:

- Hex washer head, 10mm drive
- Chamfer point
- Zinc-yellow plated



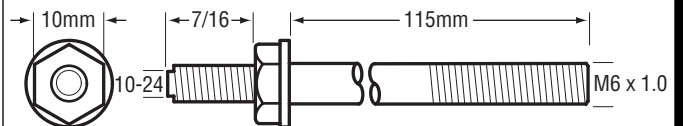
85-1322

Thru Bolt

Dim: M6 x 1.0 x 71mm L

Features:

- Hex washer head, 8mm drive
- Dog point
- Zinc-plated



85-1358

Thru Bolt w/ Extension

Dim: M6 x 1.0 x 115mm L
10-24 x 7/16 L Ext.

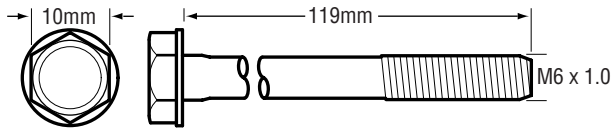
Features:

- Hex washer head, 10mm drive
- Chamfer point
- Zinc-yellow plated

HARDWARE (84-, 85-)

THRU BOLTS - METRIC

M6 x 1.0 (cont'd.)

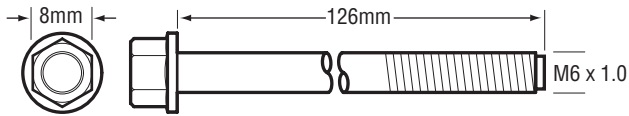


85-1315
Thru Bolt

Dim: M6 x 1.0 x 119mm L

Features:

- Hex washer head, 10mm drive
- Chamfered point
- Black oxide finish

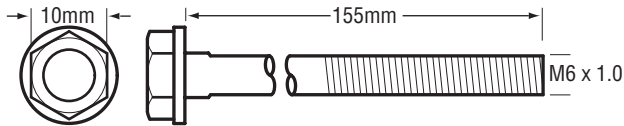


85-1381
Thru Bolt

Dim: M6 x 1.0 x 126mm L

Features:

- Hex head, 8mm drive

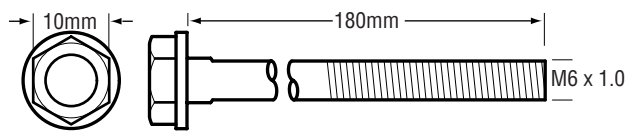


85-1370
Thru Bolt

Dim: M6 x 1.0 x 155mm L

Features:

- Hex washer head, 10mm drive

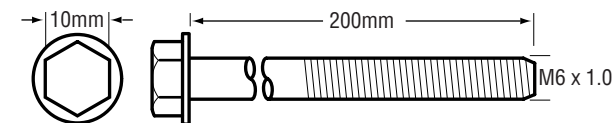


85-1328
Thru Bolt

Dim: M6 x 1.0 x 180mm L

Features:

- Hex washer head, 10mm drive
- Zinc-yellow plated



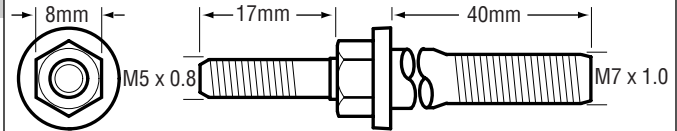
85-1354
Thru Bolt

Dim: M6 x 1.0 x 200mm L

Features:

- Hex washer head, 10mm drive
- Chamfered point
- Zinc-yellow plated

M7 x 1.0



85-1403

Thru Bolt w/ Extension

Dim: M7 x 1.0 x 40mm L

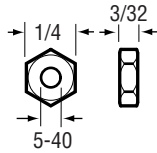
M5 x 0.8 x 17mm L Ext.

Features:

- Hex washer head, 8mm drive
- Chamfered point
- Zinc-yellow plated

NUTS - STANDARD

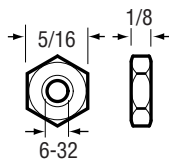
5-40



84-2100
Hex Nut

Dim: 5-40 x 1/4 F x 3/32 T
Features:
• Zinc-plated

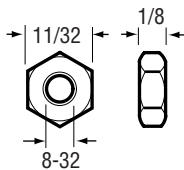
6-32



84-2101
Hex Nut

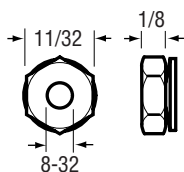
Dim: 6-32 x 5/16 F x 1/8 T
Features:
• Zinc-plated

8-32



84-2200
Hex Nut

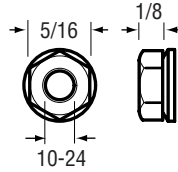
Dim: 8-32 x 11/32 F x 1/8 T
Features:
• Zinc-plated



84-2201
Hex Nut

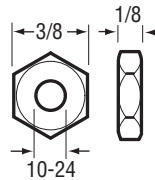
Dim: 8-32 x 11/32 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated

10-24



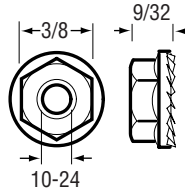
84-2303
Hex Nut

Dim: 10-24 x 5/16 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated



84-2308
Hex Nut

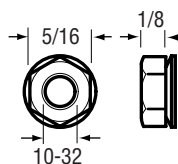
Dim: 10-24 x 3/8 F x 1/8 T
Features:
• Zinc-plated



84-2302
Hex Nut

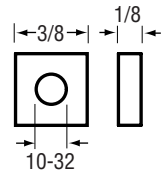
Dim: 10-24 x 3/8 F x 9/32 T
Features:
• Serrated flange
• Zinc-plated

10-32



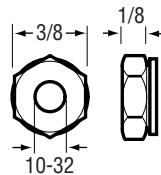
84-2304
Hex Nut

Dim: 10-32 x 5/16 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated



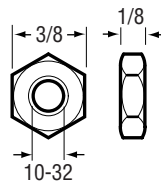
84-2301
Square Nut

Dim: 10-32 x 3/8 F x 1/8 T
Features:
• Zinc-plated



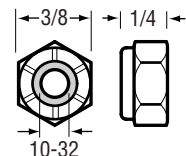
84-2305
Hex Nut

Dim: 10-32 x 3/8 F x 1/8 T
Features:
• Attached conical washer
• Zinc-yellow plated



84-2310
Hex Nut

Dim: 10-32 x 3/8 F x 1/8 T
Features:
• Zinc-plated



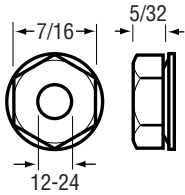
84-2307
Hex Nut

Dim: 10-32 x 3/8 F x 1/4 T
Features:
• Nylon insert
• Zinc-plated

HARDWARE (84-, 85-)

NUTS - STANDARD

12-24

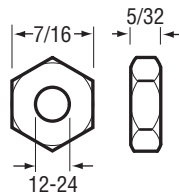


84-2306
Hex Nut

Dim: 12-24 x 7/16 F x 5/32 T

Features:

- Attached conical washer
- Zinc-plated



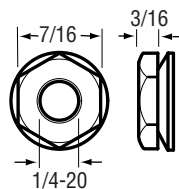
84-2312
Hex Nut

Dim: 12-24 x 7/16 F x 5/32 T

Features:

- Zinc-plated

1/4-20

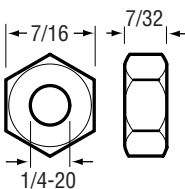


84-2401
Hex Nut

Dim: 1/4-20 x 7/16 F x 3/16 T

Features:

- Attached conical washer
- Zinc-yellow plated



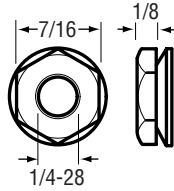
84-2405
Hex Nut

Dim: 1/4-20 x 7/16 F x 7/32 T

Features:

- Zinc-plated

1/4-28

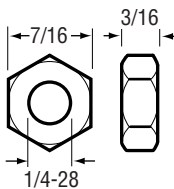


84-2402
Hex Nut

Dim: 1/4-28 x 7/16 F x 1/8 T

Features:

- Attached conical washer
- Zinc-plated

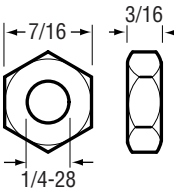


84-2404
Hex Nut

Dim: 1/4-28 x 7/16 F x 3/16 T

Features:

- Brass



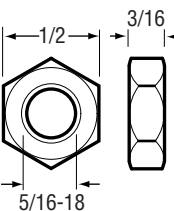
84-2406
Hex Nut

Dim: 1/4-28 x 7/16 F x 3/16 T

Features:

- Zinc-plated

5/16-18

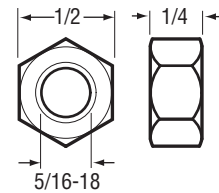


84-2407
Hex Nut

Dim: 5/16-18 x 1/2 F x 3/16 T

Features:

- Zinc-plated

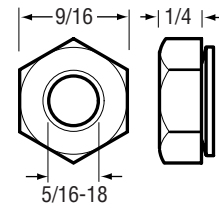


84-2407-1
Hex Nut

Dim: 5/16-18 x 1/2 F x 1/4 T

Features:

- Zinc-plated



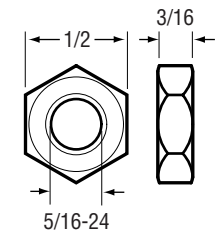
84-2403
Hex Nut

Dim: 5/16-18 x 9/16 F x 1/4 T

Features:

- Attached conical washer
- Zinc-yellow plated

5/16-24

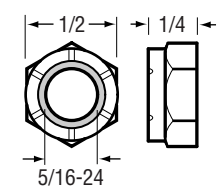


84-2501
Hex Nut

Dim: 5/16-24 x 1/2 F x 3/16 T

Features:

- Zinc-plated

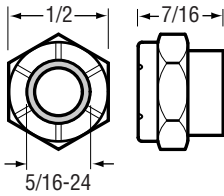


84-2409
Hex Nut

Dim: 5/16-24 x 1/2 F x 1/4 T

Features:

- Nylon insert
- Zinc-plated



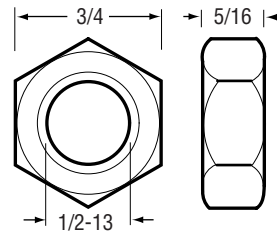
84-2408
Hex Nut

Dim: 5/16-24 x 1/2 F x 7/16 T

Features:

- Nylon insert
- Zinc-plated

1/2-13



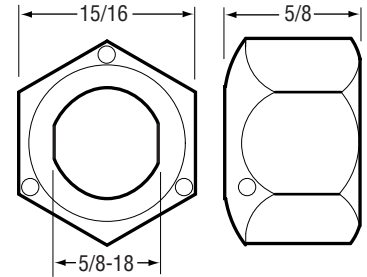
84-2602
Hex Nut

Dim: 1/2-13 x 3/4 F x 5/16 T

Features:

- Zinc-yellow plated

5/8-18



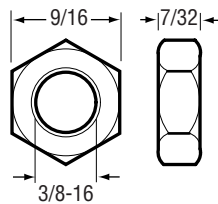
84-2601
Hex Nut

Dim: 5/8-18 x 15/16 F x 5/8 T

Features:

- Top lock
- Zinc-yellow plated

3/8-16

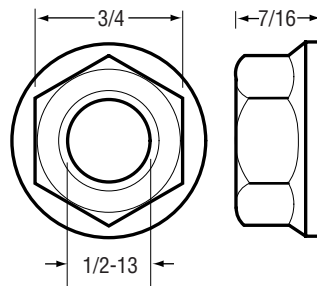


84-2505
Hex Nut

Dim: 3/8-16 x 9/16 F x 7/32 T

Features:

- Zinc-plated



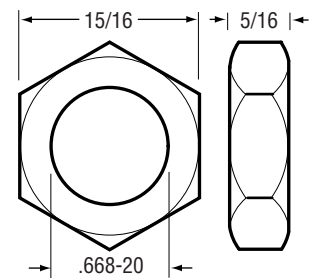
84-2600-1
Hex Nut

Dim: 1/2-13 x 3/4 F x 7/16 T

Features:

- Smooth flange
- Zinc-yellow plated

.668-20

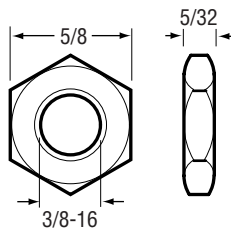


84-2700
Hex Nut

Dim: .668-20 x 15/16 F x 5/16 T

Features:

- Zinc-yellow plated

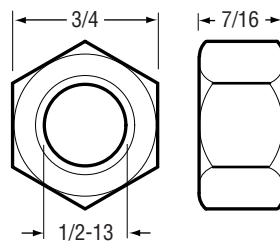


84-2500
Hex Nut

Dim: 3/8-16 x 5/8 F x 5/32 T

Features:

- Zinc-plated

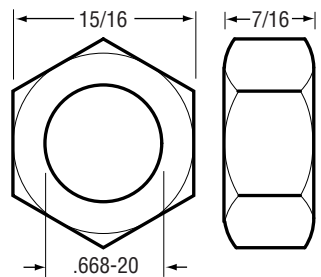


84-2603
Hex Nut

Dim: 1/2-13 x 3/4 F x 7/16 T

Features:

- Zinc-plated

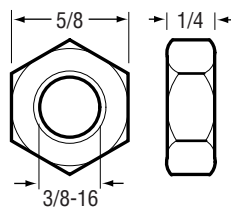


84-2700-1
Hex Nut

Dim: .668-20 x 15/16 F x 7/16 T

Features:

- Zinc-yellow plated



84-2503
Hex Nut

Dim: 3/8-16 x 5/8 F x 1/4 T

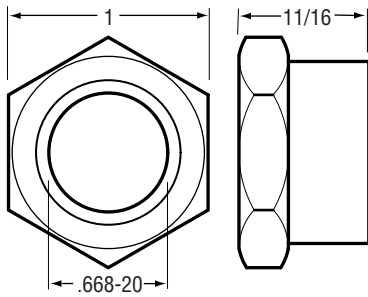
Features:

- Zinc-plated

HARDWARE (84-, 85-)

NUTS - STANDARD

.668-20 (cont'd.)



84-2605
Hex Nut

Dim: .668-20 x 1 F x 11/16 T

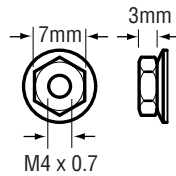
Note: Used w/ 24-7100 conversion pulley

Features:

- Zinc-yellow plated

NUTS - METRIC

M4 x 0.7

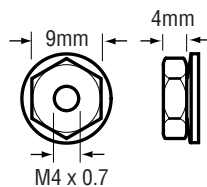


85-2201
Hex Nut

Dim: M4 x 0.7 x 7mm F x 3mm T

Features:

- Attached conical washer
- Zinc-yellow plated



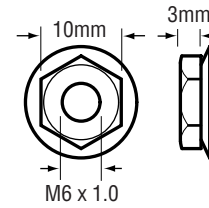
85-2200
Hex Nut

Dim: M4 x 0.7 x 9mm F x 4mm T

Features:

- Attached conical washer
- Zinc-yellow plated

M6 x 1.0

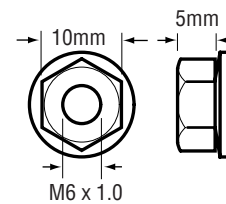


85-2309
Hex Nut

Dim: M6 x 1.0 x 10mm F x 3mm T

Features:

- Attached conical washer
- Zinc-yellow plated



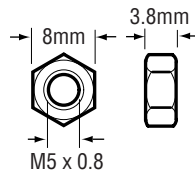
85-2301
Hex Nut

Dim: M6 x 1.0 x 10mm F x 5mm T

Features:

- Attached conical washer
- Zinc-yellow plated

M5 x 0.8

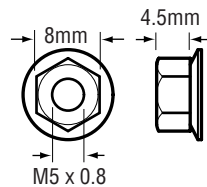


85-2304
Hex Nut

Dim: M5 x 0.8 x 8mm F x 3.8mm T

Features:

- Zinc-plated

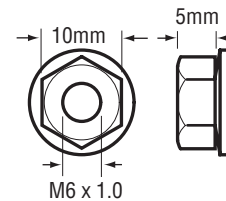


85-2300
Hex Nut

Dim: M5 x 0.8 x 8mm F x 4.5mm T

Features:

- Attached conical washer
- Zinc-yellow plated

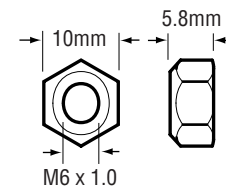


85-2301-2
Hex Nut

Dim: M6 x 1.0 x 10mm F x 5mm T

Features:

- Attached conical washer
- Zinc plated

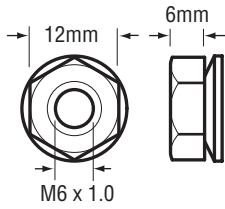


85-2307
Hex Nut

Dim: M6 x 1.0 x 10mm F x 5.8mm T

Features:

- Top lock
- Zinc-yellow plated

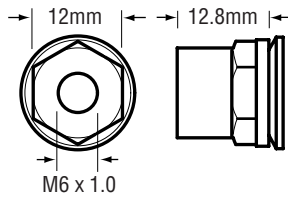


85-2310
Hex Nut

Dim: M6 x 1.0 x 12mm F x 6mm T

Features:

- Attached conical washer
- Zinc-yellow plated



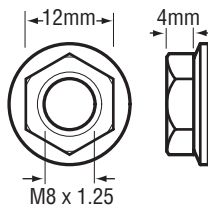
85-2305
Hex Nut

Dim: M6 x 1.0 x 12mm F x 12.8mm T

Features:

- Attached conical washer
- Zinc-yellow plated

M8 x 1.25

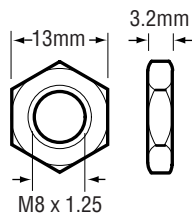


85-2407
Hex Nut

Dim: M8 x 1.25 x 12mm F x 4mm T

Features:

- Attached conical washer
- Zinc-yellow plated

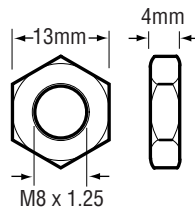


85-2404
Hex Nut

Dim: M8 x 1.25 x 13mm F x 3.2mm T

Features:

- Zinc-plated

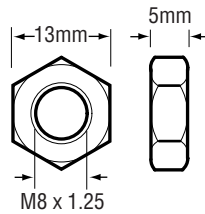


85-2402
Hex Nut

Dim: M8 x 1.25 x 13mm F x 4mm T

Features:

- Zinc-yellow plated

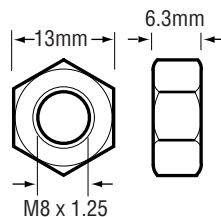


85-2401
Hex Nut

Dim: M8 x 1.25 x 13mm F x 5mm T

Features:

- Zinc-plated



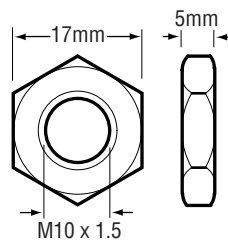
85-2400
Hex Nut

Dim: M8 x 1.25 x 13mm F x 6.3mm T

Features:

- Zinc-plated

M10 x 1.5

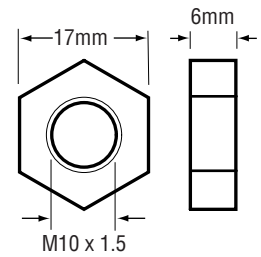


85-2503
Hex Nut

Dim: M10 x 1.5 x 17mm F x 5mm T

Features:

- Zinc-yellow plated

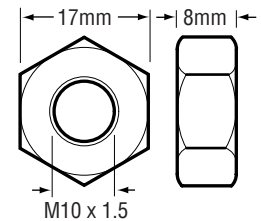


85-2505
Hex Nut

Dim: M10 x 1.5 x 17mm F x 6mm T

Features:

- Zinc-yellow plated

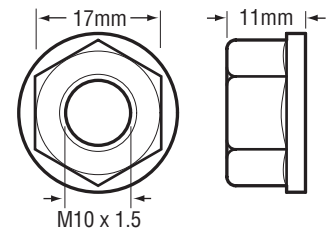


85-2500
Hex Nut

Dim: M10 x 1.5 x 17mm F x 8mm T

Features:

- Zinc-plated

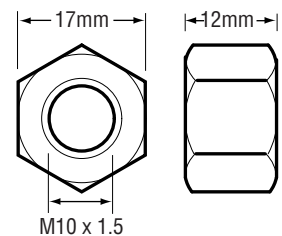


85-2507
Hex Nut

Dim: M10 x 1.5 x 17mm F x 11mm T

Features:

- Zinc-yellow plated



85-2504
Hex Nut

Dim: M10 x 1.5 x 17mm F x 12mm T

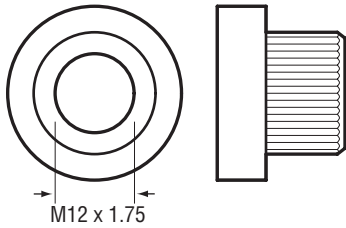
Features:

- Zinc-yellow plated

HARDWARE (84-, 85-)

NUTS - METRIC

M12 x 1.75

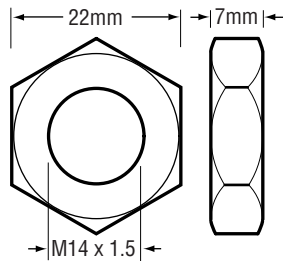


85-9500

Captive Nut

Dim: M12 x 1.75

M14 x 1.5



85-2601

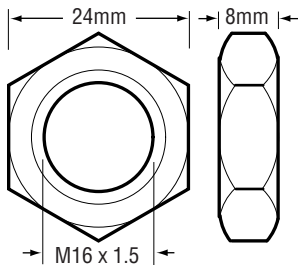
Hex Nut

Dim: M14 x 1.5 x 22mm F x 7mm T

Features:

- Zinc-yellow plated

M16 x 1.5



85-2600

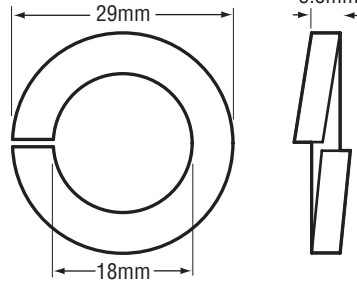
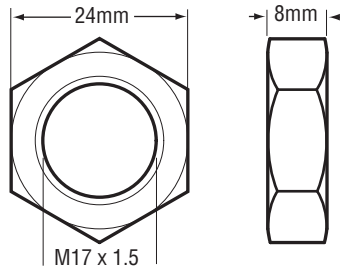
Hex Nut

Dim: M16 x 1.5 x 24mm F x 8mm T

Features:

- Zinc-yellow plated

M17 x 1.5



85-2701

Hex Nut w/ Split Lock Washer

Dim: Hex Nut: M17 x 1.5 x 24mm F x 8mm T

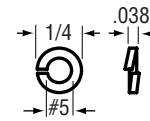
Split Lock Washer: 18mm ID x 29mm OD x 3.8mm T

Features:

- Zinc-yellow plated

WASHERS - STANDARD

#5



84-4100

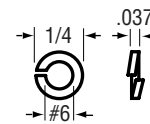
Split Lock Washer

Dim: #5 ID x 1/4 OD x .038 T

Features:

- Zinc-plated

#6



84-4101

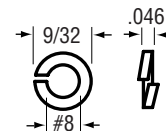
Split Lock Washer

Dim: #6 ID x 1/4 OD x .037 T

Features:

- Zinc-plated

#8



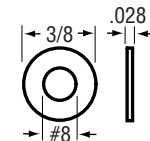
84-4201

Split Lock Washer

Dim: #8 ID x 9/32 OD x .046 T

Features:

- Zinc-plated



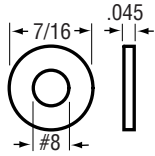
84-4204

Flat Washer

Dim: #8 ID x 3/8 OD x .028 T

Features:

- Zinc-plated



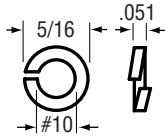
84-4203
Flat Washer

Dim: #8 ID x 7/16 OD x .045 T

Features:

- Zinc-plated

#10

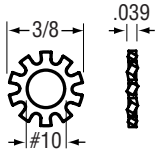


84-4309
Split Lock Washer

Dim: #10 ID x 5/16 OD x .051 T

Features:

- Zinc-plated

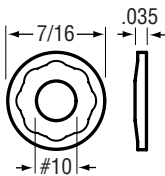


84-4300
External Tooth Lock Washer

Dim: #10 ID x 3/8 OD x .039 T

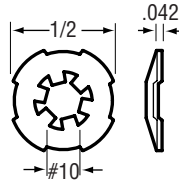
Features:

- Zinc-plated



84-4311
Conical Washer

Dim: #10 ID x 7/16 OD x .035 T

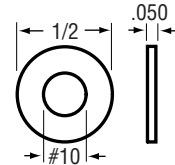


84-4305
Internal Tooth Square Conical Lock Washer

Dim: #10 ID x 1/2 OD x .042 T

Features:

- Black oxide finish

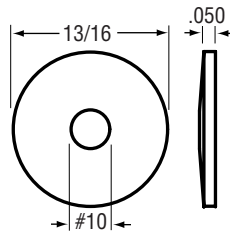


84-4304
Flat Washer

Dim: #10 ID x 1/2 OD x .050 T

Features:

- Zinc-plated



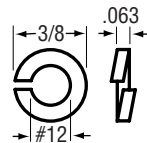
84-4310
Conical Washer

Dim: #10 ID x 13/16 OD x .050 T

Features:

- Zinc-plated

#12

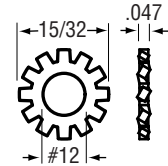


84-4307
Split Lock Washer

Dim: #12 ID x 3/8 OD x .063 T

Features:

- Zinc-plated

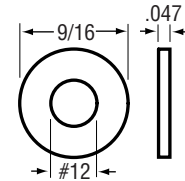


84-4303
External Tooth Lock Washer

Dim: #12 ID x 15/32 OD x .047 T

Features:

- Zinc-plated



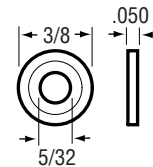
84-4306
Flat Washer

Dim: #12 ID x 9/16 OD x .047 T

Features:

- Zinc-plated

5/32



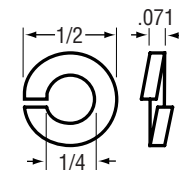
84-4102
Flat Washer

Dim: 5/32 ID x 3/8 OD x .050 T

Features:

- Concave surface
- Plain finish

1/4



84-4401
Split Lock Washer

Dim: 1/4 ID x 1/2 OD x .071 T

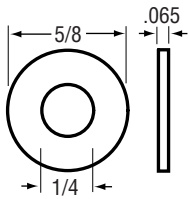
Features:

- Zinc-plated

HARDWARE (84-, 85-)

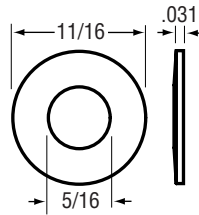
WASHERS - STANDARD

1/4 (cont'd.)



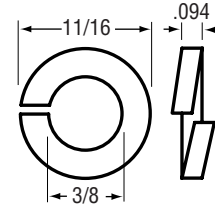
84-4403
Flat Washer

Dim: 1/4 ID x 5/8 OD x .065 T
Features:
• Zinc-plated



84-4407
Conical Washer

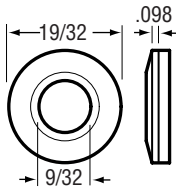
Dim: 5/16 ID x 11/16 OD x .031 T
Features:
• Zinc-plated



84-4500
Split Lock Washer

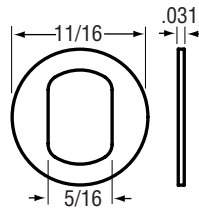
Dim: 3/8 ID x 11/16 OD x .094 T
Features:
• Zinc-plated

9/32



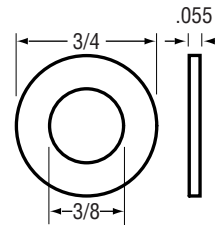
84-4400
Conical Washer w/ Seal

Dim: 9/32 ID x 19/32 OD x .098 T
Features:
• Zinc-plated steel w/ attached neoprene seal



84-4900
Flat Washer

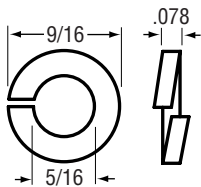
Dim: 5/16 ID x 11/16 OD x .031 T
Features:
• Oval hole
• Zinc-yellow plated



84-4506
Flat Washer

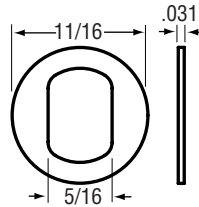
Dim: 3/8 ID x 3/4 OD x .055 T
Features:
• Zinc-yellow plated

5/16



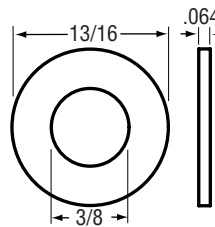
84-4402
Split Lock Washer

Dim: 5/16 ID x 9/16 OD x .078 T
Features:
• Zinc-plated



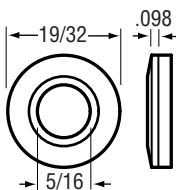
84-4900-1
Flat Washer

Dim: 5/16 ID x 11/16 OD x .031 T
Features:
• Oval hole
• Plain finish



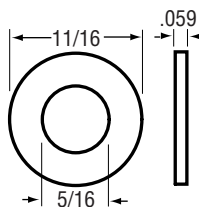
84-4501
Flat Washer

Dim: 3/8 ID x 13/16 OD x .064 T
Features:
• Zinc-plated



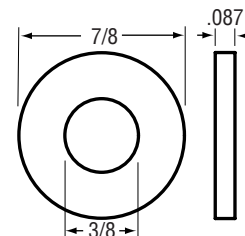
84-4410
Conical Washer w/ Seal

Dim: 5/16 ID x 19/32 OD x .098 T
Note: Slightly larger ID than 84-4400 for ease of installation in production assembly
Features:
• Zinc-plated steel w/ attached neoprene seal



84-4405
Flat Washer

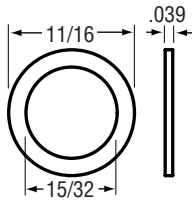
Dim: 5/16 ID x 11/16 OD x .059 T
Features:
• Zinc-plated



84-4507
Flat Washer

Dim: 3/8 ID x 7/8 OD x .087 T
Features:
• Zinc-plated

15/32

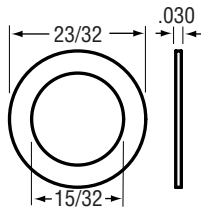


84-4503-1
Flat Washer

Dim: 15/32 ID x 11/16 OD x .039 T

Features:

- Zinc-plated

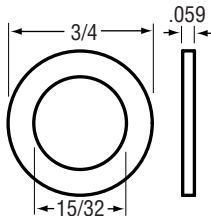


84-4503
Flat Washer

Dim: 15/32 ID x 23/32 OD x .030 T

Features:

- Zinc-plated



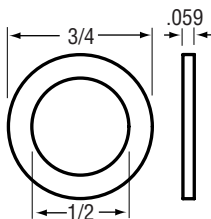
84-4614
Flat Washer

Dim: 15/32 ID x 3/4 OD x .059 T

Features:

- Zinc-plated

1/2

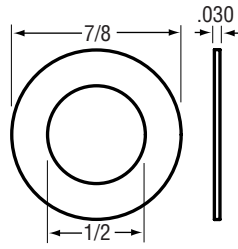


84-4615
Flat Washer

Dim: 1/2 ID x 3/4 OD x .059 T

Features:

- Zinc-plated

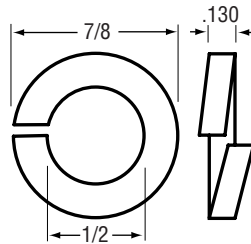


84-4603
Flat Washer

Dim: 1/2 ID x 7/8 OD x .030 T

Features:

- Zinc-yellow plated



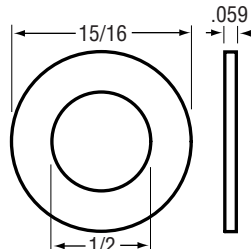
84-4600

Split Lock Washer

Dim: 1/2 ID x 7/8 OD x .130 T

Features:

- Zinc-yellow plated



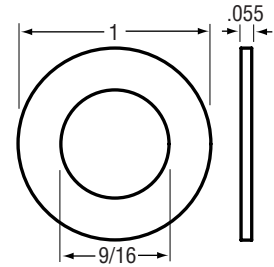
84-4617
Flat Washer

Dim: 1/2 ID x 15/16 OD x .059 T

Features:

- Zinc-plated

9/16

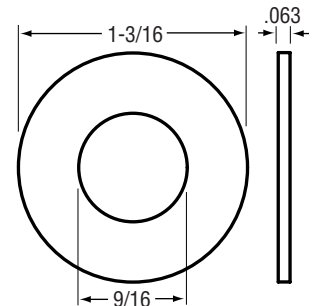


84-4610
Flat Washer

Dim: 9/16 ID x 1 OD x .055 T

Features:

- Black oxide finish
- Hardened



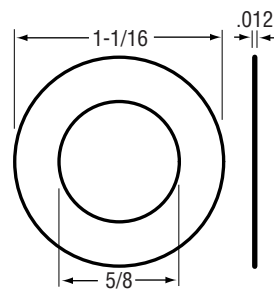
84-4613
Flat Washer

Dim: 9/16 ID x 1-3/16 OD x .063 T

Features:

- Black oxide finish
- Hardened

5/8



84-4616
Flat Washer

Dim: 5/8 ID x 1-1/16 OD x .012 T

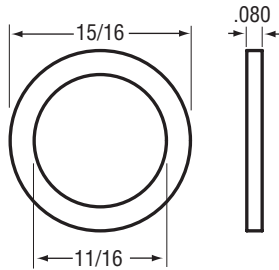
Features:

- Copper plated

HARDWARE (84-, 85-)

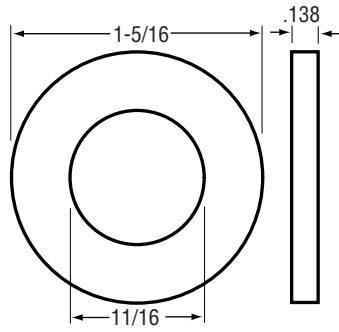
WASHERS - STANDARD

11/16



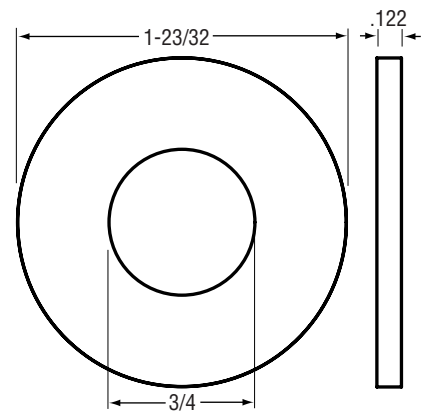
84-4619
Flat Washer

Dim: 11/16 ID x 15/16 OD x .080 T
Features:
• Zinc plated



84-4609-1
Flat Washer

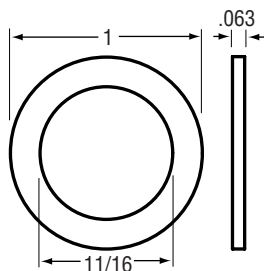
Dim: 11/16 ID x 1-5/16 OD x .138 T
Features:
• Zinc-yellow plated
• Hardened



84-4710
Flat Washer

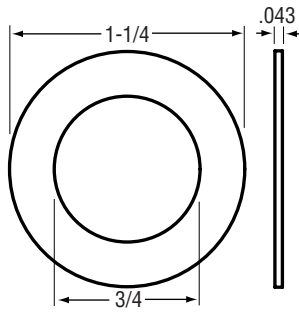
Dim: 3/4 ID x 1-23/32 OD x .122 T
Features:
• Zinc-plated

3/4



84-4604
Flat Washer

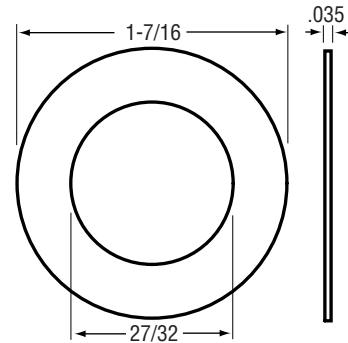
Dim: 11/16 ID x 1 OD x .063 T
Features:
• Black oxide finish



84-4709
Flat Washer

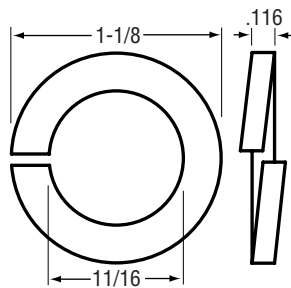
Dim: 3/4 ID x 1-1/4 OD x .043 T
Features:
• Zinc-plated

27/32



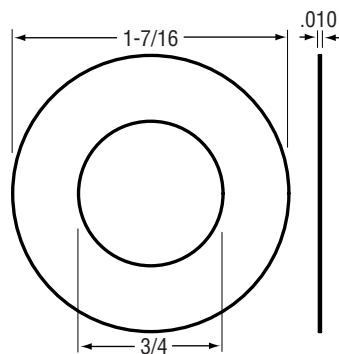
84-4703
Flat Washer

Dim: 27/32 ID x 1-7/16 OD x .035 T
Features:
• Zinc-plated



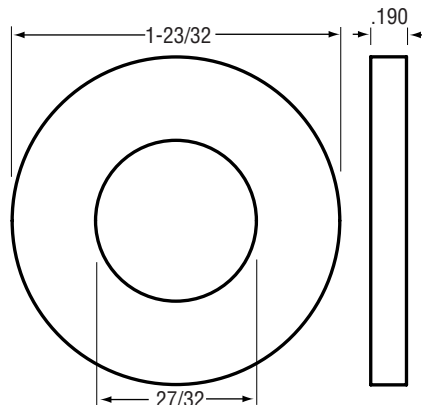
84-4606
Split Lock Washer

Dim: 11/16 ID x 1-1/8 OD x .116 T
Features:
• Zinc-yellow plated



84-4712
Flat Washer

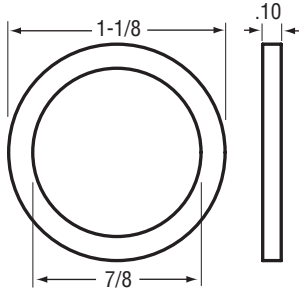
Dim: 3/4 ID x 1-7/16 OD x .010 T
Features:
• Plain finish



84-4702
Flat Washer

Dim: 27/32 ID x 1-23/32 OD x .190 T
Features:
• Zinc-plated

7/8



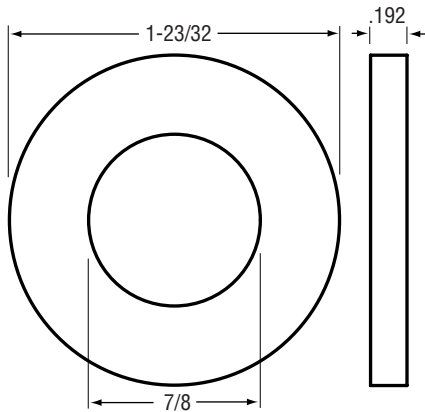
84-4713

Flat Washer

Dim: 7/8 ID x 1-1/8 OD x .10 T w/ Recess

Features:

- Steel, plain finish



84-4704

Flat Washer

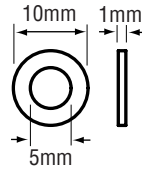
Dim: 7/8 ID x 1-23/32 OD x .192 T

Features:

- Zinc-plated

WASHERS - METRIC

5mm



85-4302

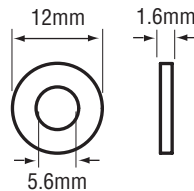
Flat Washer

Dim: 5mm ID x 10mm OD x 1mm T

Features:

- Zinc-plated

5.6mm



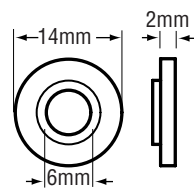
85-4308

Flat Washer

Dim: 5.6mm ID x 12mm OD x 1.6mm T

Note: 1.6mm thick spacer for aftermarket Delco CS130D rectifiers using CS130 heat sink. Used on top of the mounting hole where the 4mm torx head screw attaches the regulator & rectifier to the SRE frame.

6mm



85-4305

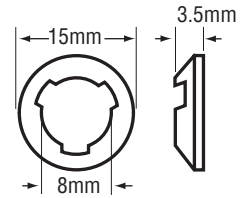
Conical Washer w/ Seal

Dim: 6mm ID x 14mm OD x 2mm T

Features:

- Zinc-yellow plated w/ attached rubber seal

8mm



85-9401

Lock Washer

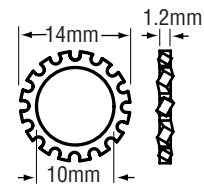
Dim: 8mm ID x 15mm OD x 3.5mm T

Note: Used to secure 8mm solenoid terminals in solenoid cap

Features:

- Tin plated
- Design grips between threads of terminal to lock terminal securely into place

10mm



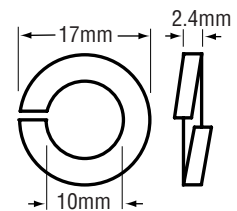
85-4306

External Tooth Lock Washer

Dim: 10mm ID x 14mm OD x 1.2mm T

Features:

- Zinc-plated



85-4500

Split Lock Washer

Dim: 10mm ID x 17mm OD x 2.4mm T

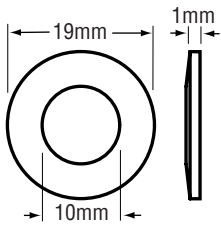
Features:

- Zinc-plated

HARDWARE (84-, 85-)

WASHERS - METRIC

10mm (cont'd.)

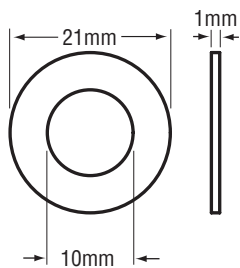


85-4503
Conical Washer

Dim: 10mm ID x 19mm OD x 1mm T

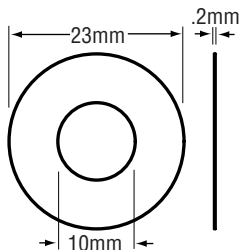
Features:

- Zinc-yellow plated



85-4505
Flat Washer

Dim: 10mm ID x 21mm OD x 1mm T

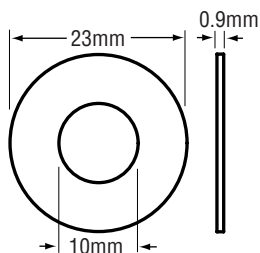


85-4502
Flat Washer

Dim: 10mm ID x 23mm OD x 0.2mm T

Features:

- Plain finish



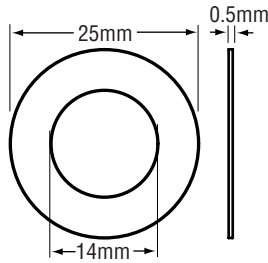
85-4501
Flat Washer

Dim: 10mm ID x 23mm OD x 0.9mm T

Features:

- Plain finish

14mm



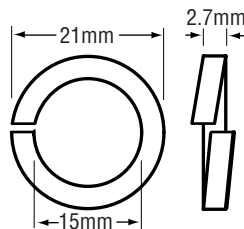
85-4905
Flat Washer

Dim: 14mm ID x 25mm OD x .5mm T

Features:

- Plain finish

15mm



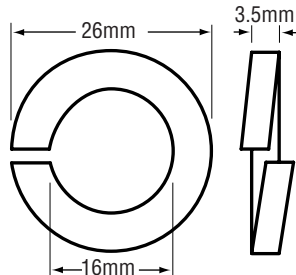
85-4602
Split Lock Washer

Dim: 15mm ID x 21mm OD x 2.7mm T

Features:

- Zinc-plated

16mm



85-4601
Split Lock Washer

Dim: 16mm ID x 26mm OD x 3.5mm T

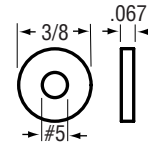
Features:

- Zinc-yellow plated

WASHERS, NON-METALLIC

STANDARD

#5



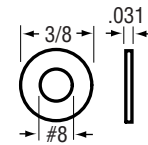
84-7100
Insulating Washer

Dim: #5 ID x 3/8 OD x .067 T

Features:

- Fiber

#8



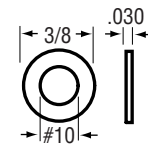
84-7303
Insulating Washer

Dim: #8 ID x 3/8 OD x .031 T

Features:

- Fiber

#10

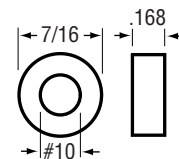


84-7306
Insulating Washer

Dim: #10 ID x 3/8 OD x .030 T

Features:

- Phenolic



84-7200
Insulating Washer

Dim: #10 ID x 7/16 OD x .168 T

Features:

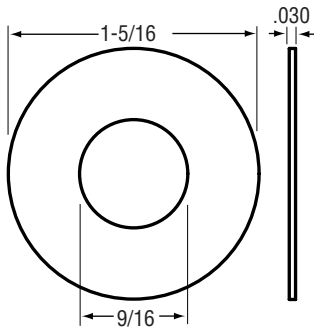
- Phenolic

	5/16	1/2
<div data-bbox="315 233 509 422"> </div> <div data-bbox="224 443 521 583"> <p>84-7301 Insulating Washer Dim: #10 ID x 5/8 OD x .065 T Features: <ul style="list-style-type: none"> • Phenolic </p> </div>	<div data-bbox="751 212 963 422"> </div> <div data-bbox="667 443 971 583"> <p>84-7401 Insulating Washer Dim: 5/16 ID x 3/4 OD x .061 T Features: <ul style="list-style-type: none"> • Fiber </p> </div>	<div data-bbox="1170 212 1430 464"> </div> <div data-bbox="1110 485 1430 625"> <p>84-7600 Insulating Washer Dim: 1/2 ID x 15/16 OD x .090 T Features: <ul style="list-style-type: none"> • Phenolic </p> </div>
#12	3/8	
<div data-bbox="326 716 500 884"> </div> <div data-bbox="224 905 532 1045"> <p>84-7300 Insulating Washer Dim: #12 ID x 9/16 OD x .089 T Features: <ul style="list-style-type: none"> • Phenolic </p> </div>	<div data-bbox="764 716 954 898"> </div> <div data-bbox="667 919 967 1060"> <p>84-7501 Insulating Washer Dim: 3/8 ID x 5/8 OD x .035 T Features: <ul style="list-style-type: none"> • Fiber </p> </div>	<div data-bbox="1143 688 1458 1003"> </div> <div data-bbox="1110 1014 1442 1155"> <p>84-7607 Fiber Washer Dim: 1/2 ID x 1-5/16 OD x .031 T Features: <ul style="list-style-type: none"> • Fiber </p> </div>
1/4		
<div data-bbox="337 1178 488 1325"> </div> <div data-bbox="224 1346 529 1486"> <p>84-7201 Insulating Washer Dim: 1/4 ID x 7/16 OD x .092 T Features: <ul style="list-style-type: none"> • Phenolic </p> </div> <div data-bbox="315 1535 509 1717"> </div> <div data-bbox="224 1738 524 1906"> <p>84-7400 Insulating Washer Dim: 1/4 ID x 5/8 OD x .095 T Features: <ul style="list-style-type: none"> • Fiberglass • Red color </p> </div>	<div data-bbox="735 1136 976 1381"> </div> <div data-bbox="667 1402 967 1543"> <p>84-7500 Insulating Washer Dim: 3/8 ID x 7/8 OD x .094 T Features: <ul style="list-style-type: none"> • Fiberglass </p> </div>	<div data-bbox="1133 1220 1468 1549"> </div> <div data-bbox="1110 1560 1442 1696"> <p>84-7605 Brake Washer Dim: 1/2 ID x 1-5/16 OD x .120 T Features: <ul style="list-style-type: none"> • Leather </p> </div>

HARDWARE (84-, 85-)

WASHERS, NON-METALLIC STANDARD

9/16



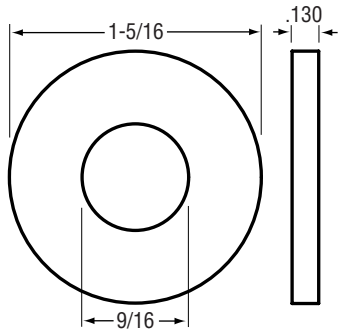
84-7608

Fiber Washer

Dim: 9/16 ID x 1-5/16 OD x .030 T

Features:

- Fiber



84-7606

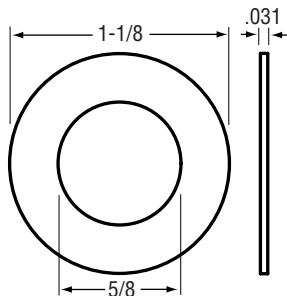
Brake Washer

Dim: 9/16 ID x 1-5/16 OD x .130 T

Features:

- Leather

5/8



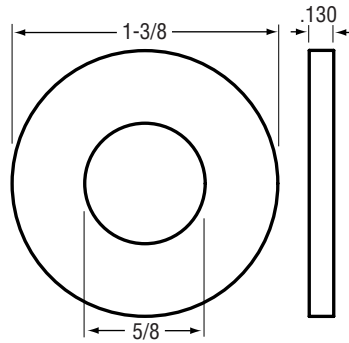
84-7604

Fiber Washer

Dim: 5/8 ID x 1-1/8 OD x .031 T

Features:

- Fiber



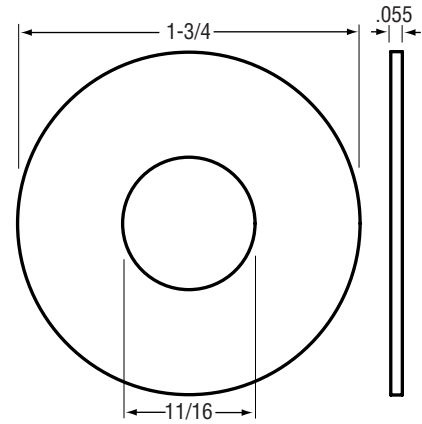
84-7603

Brake Washer

Dim: 5/8 ID x 1-3/8 OD x .130 T

Features:

- Wax-coated leather



84-7602

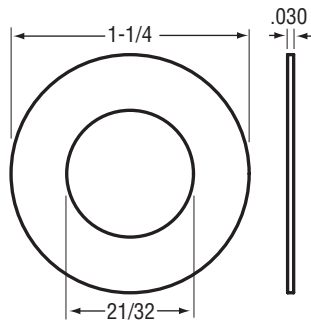
Brake Washer

Dim: 11/16 ID x 1-3/4 OD x .055 T

Features:

- Leather

21/32



84-7711

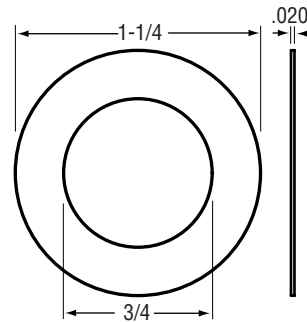
Fiber Washer

Dim: 21/32 ID x 1-1/4 OD x .030 T

Features:

- Fiber

3/4



84-7701

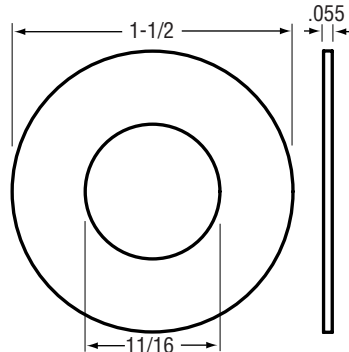
Brake Washer

Dim: 3/4 ID x 1-1/4 OD x .020 T

Features:

- Fiber

11/16



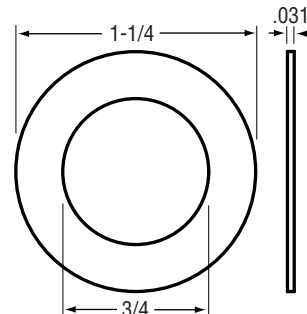
84-7601

Brake Washer

Dim: 11/16 ID x 1-1/2 OD x .055 T

Features:

- Leather



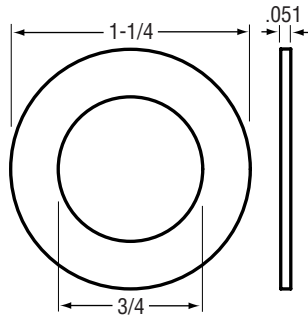
84-7705

Brake Washer

Dim: 3/4 ID x 1-1/4 OD x .031 T

Features:

- Fiber

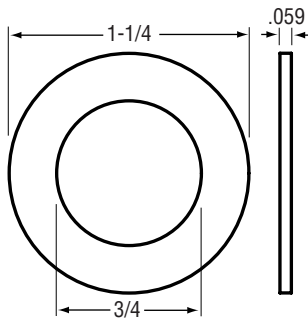


84-7703
Brake Washer

Dim: 3/4 ID x 1-1/4 OD x .051 T

Features:

- Fiber

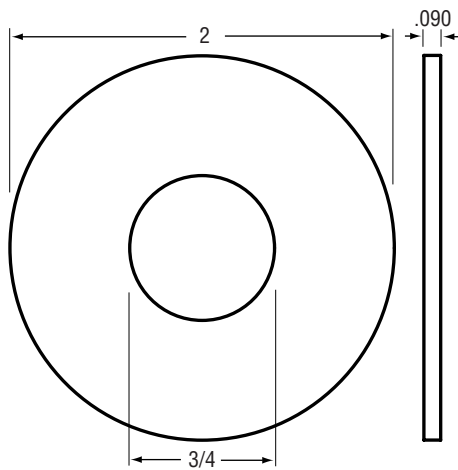


84-7700
Brake Washer

Dim: 3/4 ID x 1-1/4 OD x .059 T

Features:

- Fiber



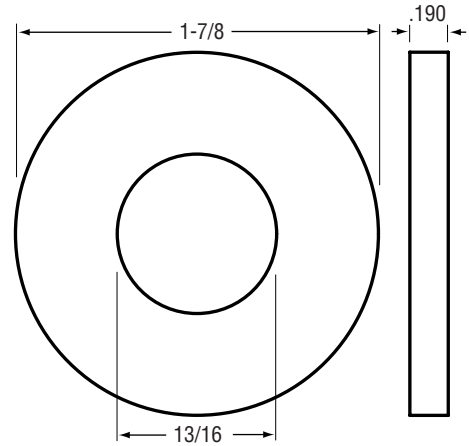
84-7706
Brake Washer

Dim: 3/4 ID x 2 OD x .090 T

Features:

- Fiber

13/16

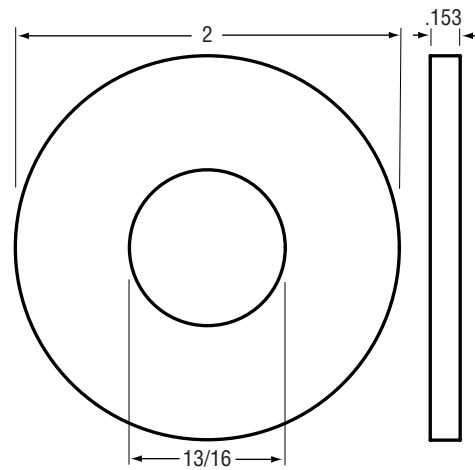


84-7707
Brake Washer

Dim: 13/16 ID x 1-7/8 OD x .190 T

Features:

- Fiber



84-7709
Brake Washer

Dim: 13/16 ID x 2 OD x .153 T

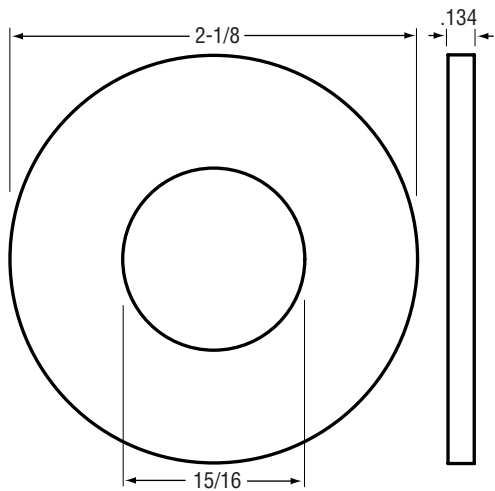
Features:

- Fiber

HARDWARE (84-, 85-)

WASHERS, NON-METALLIC - STANDARD

15/16



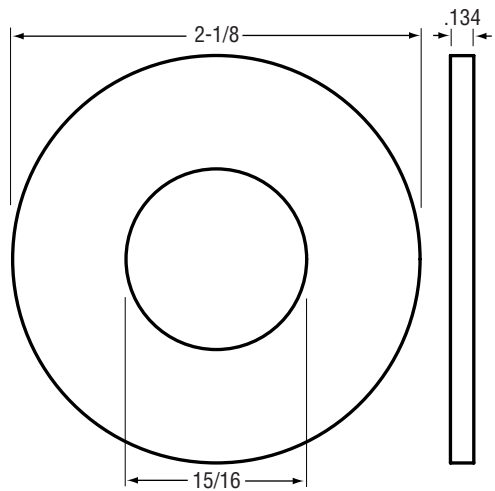
84-7708

Brake Washer

Dim: 15/16 ID x 2-1/8 OD x .134 T

Features:

- Cork/rubber



84-7708-1

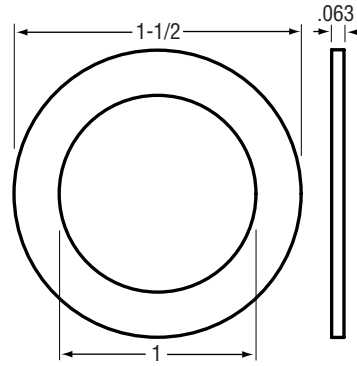
Brake Washer

Dim: 15/16 ID x 2-1/8 OD x .134 T

Features:

- Fiber

1"



84-7704

Fiber Washer

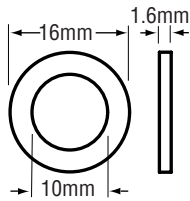
Dim: 1 ID x 1-1/2 OD x .063 T

Features:

- Fiber

WASHERS, NON-METALLIC - METRIC

10mm



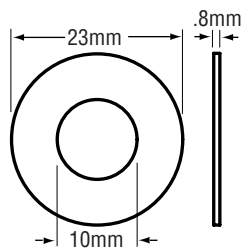
85-7503

Insulating Washer

Dim: 10mm ID x 16mm OD x 1.6mm T

Features:

- Fiber



85-7500

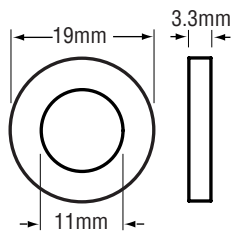
Insulating Washer

Dim: 10mm ID x 23mm OD x .8mm T

Features:

- Phenolic

11mm



85-7501

Felt Washer

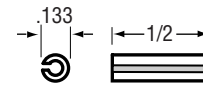
Dim: 11mm ID x 19mm OD x 3.3mm T

Features:

- Felt

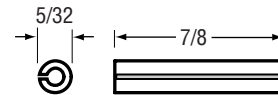
PINS

Split Pins



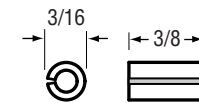
84-5900
Split Roll Pin

Dim: .133 OD x 1/2 L



84-5914
Split Roll Pin

Dim: 5/32 Dia. x 7/8 L

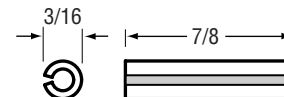


84-5902
Split Roll Pin

Dim: 3/16 OD x 3/8 L

Features:

- Black oxide finish



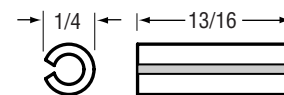
84-5903
Split Roll Pin

Dim: 3/16 OD x 7/8 L



84-5901
Split Roll Pin

Dim: 3/16 OD x 1 L



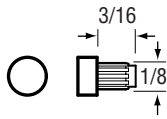
84-5909
Split Roll Pin

Dim: 1/4 OD x 13/16 L

HARDWARE (84-, 85-)

PINS

Solid Pins

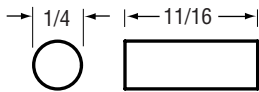


84-5905
Solid Pin

Dim: 1/8 Dia. x 3/16

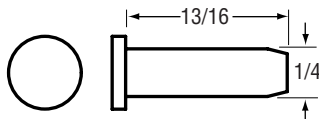
Features:

- Knurled
- Zinc-plated



84-5911
Solid Pin

Dim: 1/4 Dia. x 11/16 L

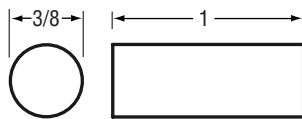


84-5906
Shift Lever Pin

Dim: 1/4 Dia. x 13/16

Features:

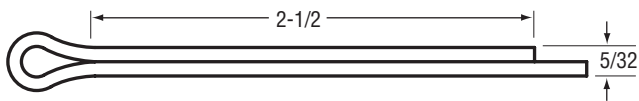
- Heat treated
- Correct length so it won't move under the cover
- Pushes in by hand



84-5910
Locating Dowel Pin

Dim: 3/8 Dia. x 1" L

Cotter Pins

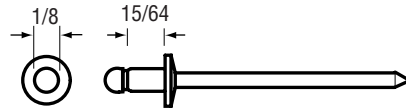


84-5908
Cotter Pin

Dim: 5/32 Dia. x 2-1/2 L

RIVETS

Blind Rivets



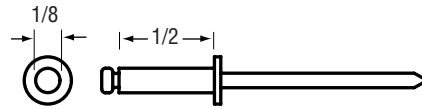
84-3917
Blind Rivet

Dim: 1/8 Dia. x 15/64 L

Note: #30 drill size

Features:

- Stainless Steels
- Grip range 1/16-1/8



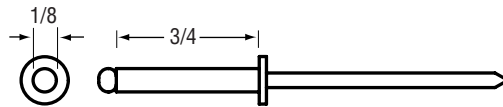
84-3919
Blind Rivet

Dim: 1/8 Dia. x 1/2 L

Note: #30 drill size

Features:

- Aluminum
- Grip range 5/16-3/8



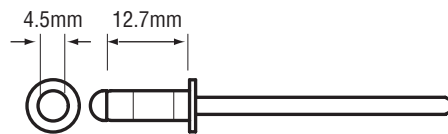
84-3918
Blind Rivet

Dim: 1/8 Dia. x 3/4 L

Note: #30 drill size

Features:

- Aluminum
- Grip range 1/2-5/8

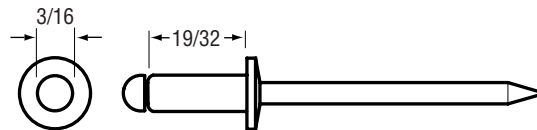


85-3200
Blind Rivet

Dim: 4.5mm Dia. x 12.7mm L

Features:

- Aluminum
- Grip Range 7.8mm



84-3921
Blind Rivet

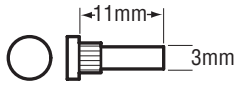
Dim: 3/16 Dia. x 19/32 L

Note: #11 drill size

Features:

- Stainless steel
- Grip range 11/32-13/32

Semi-Tubular Rivets



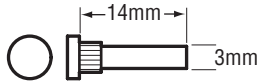
85-3201

Semi-Tubular Rivet

Dim: 3mm Dia. x 11mm L

Features:

- Steel
- Knurled shaft



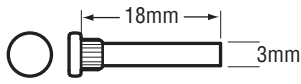
85-3202

Semi-Tubular Rivet

Dim: 3mm Dia. x 14mm L

Features:

- Steel
- 4mm knurled shaft



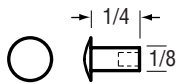
85-3203

Semi-Tubular Rivet

Dim: 3mm Dia. x 18mm L

Features:

- Steel
- 4mm knurled shaft



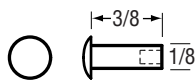
84-3903

Semi-Tubular Rivet

Dim: 1/8 Dia. x 1/4 L

Features:

- Steel
- Grip range 5/32



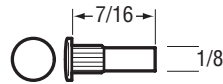
84-3905

Semi-Tubular Rivet

Dim: 1/8 Dia. x 3/8 L

Features:

- Steel
- Grip range 9/32



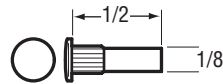
84-3916-1

Semi-Tubular Rivet

Dim: 1/8 Dia. x 7/16 L

Features:

- Steel
- .133 knurled shaft
- Grip range 3/8



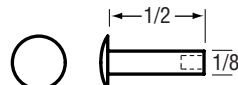
84-3916

Semi-Tubular Rivet

Dim: 1/8 Dia. x 1/2 L

Features:

- Steel
- .133 knurled shaft
- Grip range 3/8



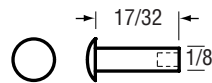
84-3907

Semi-Tubular Rivet

Dim: 1/8 Dia. x 1/2 L

Features:

- Steel
- Grip range 13/32



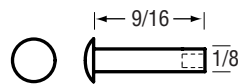
84-3912

Semi-Tubular Rivet

Dim: 1/8 Dia. x 17/32 L

Features:

- Steel
- Grip range 7/16



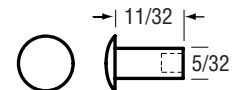
84-3910

Semi-Tubular Rivet

Dim: 1/8 Dia. x 9/16 L

Features:

- Steel
- Grip range 1/2



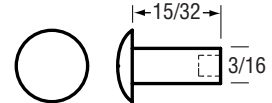
84-3913

Semi-Tubular Rivet

Dim: 5/32 Dia. x 11/32 L

Features:

- Steel
- Grip range 7/32



84-3909

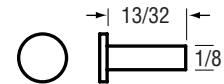
Semi-Tubular Rivet

Dim: 3/16 Dia. x 15/32 L

Features:

- Steel
- Grip range 5/16

Solid Rivets



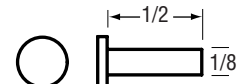
84-3900

Rivet

Dim: 1/8 Dia. x 13/32 L

Features:

- Solid copper



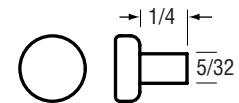
84-3908

Rivet

Dim: 1/8 Dia. x 1/2 L

Features:

- Solid copper



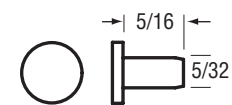
84-3902

Rivet

Dim: 5/32 Dia. x 1/4 L

Features:

- Solid copper



84-3906

Rivet

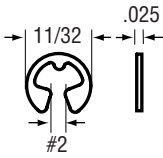
Dim: 5/32 Dia. x 5/16 L

Features:

- Steel

HARDWARE (84-, 85-)

RETAINERS



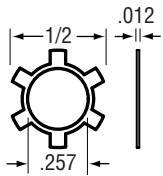
84-8910

External E-Ring

Dim: #2 ID x 11/32 OD x .025 T

Features:

- Phosphate-plated



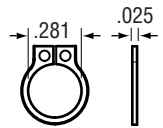
84-8907

Retainer

Dim: .257 ID x 1/2 OD x .012 T

Features:

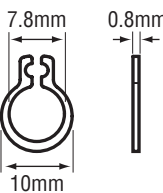
- Push-on



84-8900

External Snap Ring

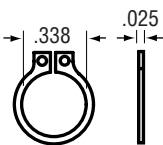
Dim: .281 ID x .025 T



84-8914

External Snap Ring

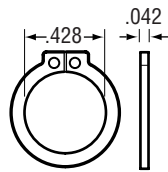
Dim: 7.8mm ID x 10mm OD x .8mm T



84-8901

External Snap Ring

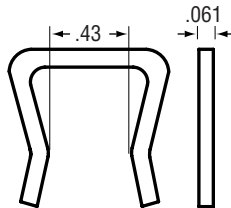
Dim: .338 ID x .025 T



84-8905

External Snap Ring

Dim: .428 ID x .042 T



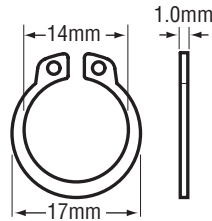
84-8903

Retainer

Dim: .43 ID x .061 T

Features:

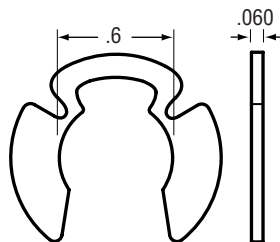
- Phosphate-plated



84-8915

External Snap Ring

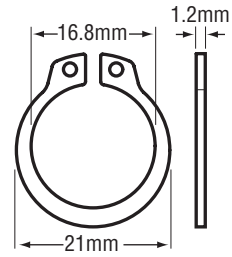
Dim: 14mm ID x 17mm OD x 1.0mm T



84-8906

External E-Ring

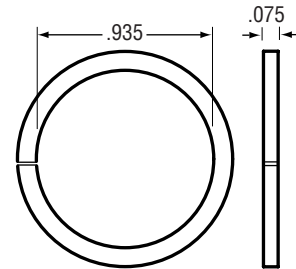
Dim: .6 ID x .060 T



84-8913

External Snap Ring

Dim: 16.8mm ID x 21mm OD x 1.2mm T

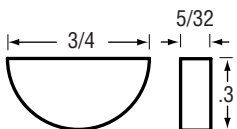


84-8909

Retaining Ring

Dim: .935 ID x .075 T

WOODRUFF KEYS



84-6900

Woodruff Key

Dim:

4mm W x 18.6mm Dia. x 7.6mm Height

5/32" W x 3/4" Dia. x .3" Height

O-RING DIMENSION CHART

Millimeters			Inches			WAI No.
ID	OD	W	ID	OD	W	
4	7.5	1.8	5/32	5/16	1/16	71-82507
4.7	8	1.7	3/16	5/16	1/16	71-1510
5	8	1.8	-	-	-	71-82502
6	9.6	1.8	1/4	3/8	1/16	71-82514
6	10	1.8	1/4	3/8	1/16	71-1504
7.6	11.2	1.8	-	-	-	71-82512
8	11.0	1.8	5/16	7/16	1/16	71-1501
9.2	12.6	1.8	3/8	1/2	1/16	71-1500
9.8	13.8	1.9	-	-	-	71-82516
15.5	20.7	2.6	5/8	13/16	3/32	71-1505
31.5	35	1.5	1-1/4	1-3/8	1/16	41-91500
39.3	44.5	2.6	1-9/16	1-3/4	3/32	41-3500
41	44.5	1.8	1-5/8	1-3/4	1/16	41-5500
47.3	52.5	2.6	1-7/8	2-1/16	3/32	71-82506
56.7	63.7	3.5	2-1/4	2-1/2	1/8	71-1506
69	73	1.8	2-3/4	2-13/16	1/16	71-82510
69.5	73.5	2	2-3/4	2-7/8	3/32	71-82504
80	83	1.5	3-1/8	3-1/4	1/16	71-83501
82	85.6	1.8	3-7/32	3-3/8	1/16	71-84500
84.5	89.7	2.5	3-5/16	3-1/2	3/32	71-1508
95	99	2	3-3/4	3-7/8	1/16	71-82513
105	112	3.5	4-1/8	4-13/32	1/8	71-1503
114.5	121	3.5	4-1/2	4-3/4	1/8	71-1509
125	130	2.5	4-15/16	5-1/8	3/32	71-1507

CONVERSION CHART - FRACTION, DECIMAL, METRIC

Fraction (in.)	Decimal (in.)	Metric (mm)	Fraction (in.)	Decimal (in.)	Metric (mm)		
	1/64	.015625	0.3969		33/64	.515625	13.0969
	1/32	.03125	0.7938		17/32	.53125	13.4938
	3/64	.046875	1.1906		35/64	.546875	13.8906
1/16	.0625	1.5875		9/16	.5625	14.2875	
	5/64	.078125	1.9844		37/64	.578125	14.6844
	3/32	.09375	2.3813		19/32	.59375	15.0813
	7/64	.109375	2.7781		39/64	.609375	15.4781
1/8	.125	3.1750		5/8	.625	15.8750	
	9/64	.140625	3.5719		41/64	.640625	16.2719
	5/32	.15625	3.9688		21/32	.65625	16.6688
	11/64	.171875	4.3656		43/64	.671875	17.0656
3/16	.1875	4.7625		11/16	.6875	17.4625	
	13/64	.203125	5.1594		45/64	.703125	17.8594
	7/32	.21875	5.5563		23/32	.71875	18.2563
	15/64	.234375	5.9531		47/64	.734375	18.6531
1/4	.25	6.3500		3/4	.75	19.0500	
	17/64	.265625	6.7469		49/64	.765625	19.4469
	9/32	.28125	7.1438		25/32	.78125	19.8438
	19/64	.296875	7.5406		51/64	.796875	20.2406
5/16	.3125	7.9375		13/16	.8125	20.6375	
	21/64	.328125	8.3344		53/64	.828125	21.0344
	11/32	.34375	8.7313		27/32	.84375	21.4313
	23/64	.359375	9.1281		55/64	.859375	21.8281
3/8	.375	9.5250		7/8	.875	22.2250	
	25/64	.390625	9.9219		57/64	.890625	22.6219
	13/32	.40625	10.3188		29/32	.90625	23.0188
	27/64	.421875	10.7156		59/64	.921875	23.4156
7/16	.4375	11.1125		15/16	.9375	23.8125	
	29/64	.453125	11.5094		61/64	.953125	24.2094
	15/32	.46875	11.9063		31/32	.96875	24.6063
	31/64	.484375	12.3031		63/64	.984375	25.0031
1/2	.5	12.7000		1	1.0	25.4000	

HARDWARE, SHOP SUPPLIES

BONDING COMPOUNDS

Epoxies



89-209

Quick Weld Compound

Dim: 1 oz. Tubes, Resin and Hardener

Features:

- Repairs iron, steel, aluminum, brass, copper, plastic and fiberglass
- Bonds, fills and seals cracked or chipped castings, weld seams and split stampings
- Can be drilled, tapped, threaded, sanded and filed
- Will not shrink, rust or corrode
- Water and oil proof
- Unaffected by most acids and solvents
- Combines strength of steel particles with bonding strength of epoxy



89-210

4 Minute Epoxy

Dim: 25 ml Syringe

Note: Not recommended for use above 200° F (90° C).

Features:

- Repairs plastic, metal, glass and ceramic
- High strength for industrial, automotive, agricultural, marine and home applications
- Sets in 4 minutes
- Pre-measured syringe ensures proper mix for consistent results

Sleeve Retaining Compounds



89-214

Sleeve Retaining Compound High Strength, Green Color

Dim: 24 ml Squeeze Bottle

Note: Equivalent to Ref# 680

Features:

- Locks and seals bearings, bushings, gears, pulleys, retaining sleeves, studs and shafts
- Retains worn parts and slip fits
- Replaces splines and keys
- Fills gaps up to .006"
- Anaerobic compound which chemically cures and hardens in the absence of air
- Provides a positive seal, resistant to lubricants & most solvents
- Fixture tight in minutes
- Operating temperature range: -75° to +450° F (-59° to +232° C)



89-219

Sleeve Retaining Compound High Strength, Green Color

Same as 89-214 except...

Dim: 250 ml Squeeze Bottle

Threadlocking Compounds



89-211

Threadlocking Compound Medium Strength, Blue Color

Dim: 24 ml Squeeze Bottle

Note: Equivalent to Ref# 242

Features:

- Prevents nuts, bolts, and other fasteners from loosening due to vibration
- Can be removed with hand tools
- Fills gaps up to .006"
- Anaerobic compound which chemically cures and hardens in the absence of air
- Provides a positive seal, resistant to lubricants & most solvents
- Protects against thread corrosion
- Fixture tight in minutes
- Operating temperature range: -75° to +300° F (-59° to +149° C)



89-216

Threadlocking Compound Medium Strength, Blue Color

Same as 89-211 except...

Dim: 250 ml Squeeze Bottle

BONDING COMPOUNDS

Threadlocking Compounds (cont'd.)



89-212

Threadlocking Compound High Strength, Red Color

Dim: 24 ml Squeeze Bottle

Note: Equivalent to Ref# 262

Features:

- Locks and seals nuts, bolts, and other fasteners where high strength is required to withstand heavy shock, vibration and corrosive environments
- Removable with heat and hand tools
- Fills gaps up to .008"
- Anaerobic compound which chemically cures and hardens in the absence of air
- Provides a positive seal, resistant to lubricants & most solvents
- Protects against thread corrosion
- Fixture tight in minutes
- Operating temperature range: -75° to +300° F (-59° to +149° C)

EMERY CLOTH



89-650

Emery Cloth 60 Grit, Coarse

Dim: 2" Width, 50-Yard Roll

Features:

- Removes rust
- Ideal for armature laminations & rotor poles



89-651

Emery Cloth 80 Grit, Medium

Dim: 1" Width, 50-Yard Roll

Features:

- Removes rust
- Ideal for armature laminations & rotor poles



89-652

Emery Cloth 120 Grit, Fine

Dim: 1" Width, 50-Yard Roll

Features:

- Removes rust, polishes & dresses
- Ideal for shafts



89-653

Emery Cloth 400-Grit, Extra Fine

Dim: 1" Width, 50-Yard Roll

Features:

- Removes rust, polishes & dresses
- Ideal for shafts, commutators & slip rings

GREASE & LUBRICANTS

Bearing Greases



89-250

Chevron SRI-2 Bearing Grease Hi-Temperature, Hi-Speed, OEM-Approved

Dim: 14 oz. Cartridge

Features:

- Used by OE manufacturers as a 'factory pack' anti-friction bearing lubricant for automotive & industrial bearings
- Provides excellent lubrication of ball & roller bearings, operating over a broad temperature range (-22° to +300° F; -30° to +150° C)
- Particularly outstanding at high speeds, high temperatures & moist conditions, especially where there is the possibility of salt water entering the bearing
- Compatible with other types of ball bearing greases



89-251

Chevron SRI-2 Bearing Grease Hi-Temperature, Hi-Speed, OEM-Approved

Same as 89-250 except...

Dim: 35 lb. Container



89-269

Clear Bearing Grease

Dim: 1 lb. Container

Features:

- Multi-purpose lubricant with Teflon
- Temperature range -45° to +450° F (-42° to 232° C)
- Will not melt, freeze or separate
- Impervious to salt water and road salt
- Dielectric
- Non-toxic, clean & clear - will not stain
- Outlasts conventional lubricants



89-278

Dielectric Grease

Same as 89-266 except...

Dim: 39 lb. Pail



89-268

White Lithium Grease

Dim: 16 oz. Container

Features:

- General purpose white lubricant that protects against rust and corrosion
- Makes contact surfaces friction-free
- Non-toxic, non-flammable
- Will not stain
- Resists moisture and high heat

General Purpose

Dielectric Greases



89-266

Dielectric Grease

Dim: 5 oz. Tube

Features:

- Promotes proper connection between regulator plug and wiring harness
- Reduces risk of contact resistance
- Prevents terminal corrosion
- OE equivalent
- Maintains its consistency in extreme temperatures from -65° to 400° F (-55° to 204° C)
- Meets Mil-S-8660C requirements



89-253

Tool Crib Crystal TFE Lube

Dim: 20 oz. Can, Net Wt. 14 oz.

Note: A clear all purpose aerosol lubricant that withstands pressure from heavy loads and high RPM's within a wide temperature range. Provides superior lubrication on all metal to metal contact points. Ideal for armature shafts, bushing surfaces, solenoid plungers, corroded pulleys, rusted end frames, tools & equipment

Features:

- Optimum protection from friction - protects similar to Teflon
- Excellent rust resistance and superior corrosion protection
- Penetrates and clings with excellent water wash off resistance
- Mfd. for WAI by Seymour



89-252

Heat Transfer Grease

For: Delco 25SI, AD230, AD237, AD244, CS121, CS121D, CS130, CS130D Series; Ford 2G, 3G, 6G Series; Chrysler 40/90, 50/120A; Hitachi IR/IF; Prestolite ANB Series Alternators

Dim: 5 oz. Tube

Features:

- Promotes necessary heat transfer from the rectifier to the end frame
- Prevents 'hot spots' that cause premature diode failure



89-270

Dielectric Grease

Same as 89-266 except...

Dim: Gel capsule, single application package for ease of use by the installer



89-271

Heat Transfer Grease

Same as 89-252 except...

Dim: 26 oz. Cartridge

Note: For use in caulk gun (not included). Includes cap to seal tube when not in use.

SHOP SUPPLIES (89-)

GREASE & LUBRICANTS

Heat Transfer Greases (cont'd.)



89-272

Heat Transfer Grease

Same as 89-252 except...

Dim: 32 oz. Container



89-275

Heat Transfer Grease

Same as 89-252 except...

Dim: 5 gallon Pail



CH104S

(Ref# 89-277)

Heat Transfer Grease

Same as 89-252 except...

Dim: 1.5 oz. Syringe

Solenoid Greases



89-273

Grease - Solenoid Plunger Bore

Replaces: GM 10477431, 10477434

Dim: 1 oz. Tube

Note: Special formulated grease to be applied 1/2" (13mm) from the opening to the inside of the solenoid plunger bore as described in GM Service Bulletin# 338113 (11/93)

Features:

- Mfd. by OE Supplier
- Helps prevent plunger from sticking in the plunger bore
- Synthetic lubricant provides excellent wide temperature lubricating characteristics



89-276

Grease - Solenoid Plunger Bore

Same as 89-273 except...

Dim: 1 lb. Container

PACKAGING

Boxes - Alternator



89-100

Alternator Box

For: Automotive Alternators

Dim: 6-7/8" L x 6-7/8" W x 6-7/8" D (Inside)

Features:

- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



89-102

Heavy Duty Alternator Box

For: Delco 20SI, 21SI, 27SI, 29SI Series IR/EF; Ford 1G Series, 70-100A ER/EF, Ford Truck Alternators; Prestolite ANB Series Alternators

Dim: 9-1/4" L x 8-5/16" W x 7-1/8" D (Inside)

Features:

- 200 lb. test, self-locking
- White corrugated, imprinted w/ space for part number



89-106

Heavy Duty Alternator Box

- For:** Delco 25SI, 30SI Series; Leece-Neville 2300-2800JB Series Alternators
- Dim:** 12-3/8" L x 8" W x 7-11/16" D (Inside)
- Features:**
- 250 lb. test, self-locking
 - Tan corrugated, imprinted w/ space for part number



89-107

Alternator Box

- For:** Delco CS144, 17SI Series IR/EF Alternators
- Dim:** 8-1/4" L x 7" W x 6-1/2" D (Inside)
- Features:**
- 200 lb. test, self-locking
 - White corrugated, imprinted w/ space for part number



89-109

Alternator Shipping Carton

- Dim:** 22-1/4" L x 16-3/4" W x 8-3/8" D (Inside)
- Note:** Ideal for shipping 6-boxed alternators

Boxes - Starter



89-101

Starter Box

- For:** Automotive Starters
- Dim:** 11-1/2" L x 6-3/4" W x 5-3/8" D (Inside)
- Note:** Ideal size for automotive field coil style starters. For smaller size box for late style PMGR starters use 89-111.
- Features:**
- 200 lb. test, self-locking
 - White corrugated, imprinted w/ space for part number



89-103

Heavy Duty Starter Box Kit

- For:** Delco 40MT, 42MT Series DD Starters
- Dim:** 21" L x 9" W x 6-3/8" D (Inside)
- Components:**
89-904 Starter Box
89-906 Cardboard Tube
- Features:**
- Double-wall 275 lb. test with full top & bottom flaps
 - Includes 2 inserts for extra strength at box ends
 - Includes 89-906 cardboard tube to prevent battery post from puncturing end of box
 - Provides excellent protection for shipping 40MT starters



89-108

Starter Box

- For:** Delco 28MT Series OSGR Starters
- Dim:** 13-3/8" L x 7-1/4" W x 4-5/8" D (Inside)
- Features:**
- 200 lb. test, self-locking
 - White corrugated, imprinted w/ space for part number



89-111

Starter Box

- For:** Automotive Starters
- Dim:** 9-3/4" L x 6" W x 4-1/2" D (Inside)
- Note:** Smaller size box, ideal for late model PMGR style starters. For larger size automotive starters use 89-101.
- Features:**
- 200 lb. test, self-locking
 - White corrugated, imprinted w/ space for part number



89-904

Heavy Duty Starter Box

- For:** Delco 40MT, 42MT Series DD Starters
- Dim:** 21" L x 9" W x 6-3/8" D (Inside)
- Note:** Included in 89-103 Heavy Duty Starter Box Kit.
- Features:**
- Double-wall 275 lb. test with full top & bottom flaps

SHOP SUPPLIES (89-)

PACKAGING

Miscellaneous Packaging



89-900

Spacer - Packaging

For: Delco 20SI, 21SI, 22SI, 23SI, 25SI, 26SI, 27SI/Type 200, 29SI, 30SI Series IR/EF Alternators

Dim: 25mm ID x 31mm OD x 38mm L
Note: Paper-tube used to secure fan when testing & packaging heavy-duty Delco alternators wo/ pulley.



89-901

Spacer - Packaging

For: Ford 1G Series Truck 65-90A, 1G Series Blue Back Truck 75-90A ER/EF Alternators

Dim: 22.4mm ID x 25.4mm OD x 19mm L
Note: Paper-tube used to secure fan when testing & packaging alternators wo/ pulley.



89-902

Spacer - Packaging

For: Delco 10SI, 12SI, 15SI, 17SI, 27SI/Type 100, CS121, CS130, CS144 Series IR/EF Alternators; Ford 1G Series ER/EF, 2G Series IR/EF, 3G Series IR/IF Alternators

Dim: 19mm ID x 22.4mm OD x 19mm L
Note: Paper-tube used to secure fan when testing & packaging alternators wo/ pulley. For metal version use 46-2602.



89-903

Nylon Wire Tie

Dim: 4" OAL, 15/16" Max. Bundle Dia.



89-906

Cardboard Tube

For: Delco 37MT, 40MT, 42MT Series DD Starters

Note: Prevents battery post from puncturing end of box. Included in 89-103 starter box kit.



89-907

Brush Retainer

For: Delco 5MT, SD200, SD250 Series DD Starters

Dim: 44.5mm (1-3/4") OD

Note: Used to secure brushes in field case assy. during handling and installation.



89-913

Caution Tag

For: Delco 21SI, 22SI, 27SI/Type 200 Alternators wo/ Pulley

Note: When alternators do not have the pulley installed, the rotor is free to move. This allows the slip ring to contact the S.R.E. frame. If the pulley is installed with the unit in the vertical position, the slip ring may be pushed back and grounded against the rotor pole piece.

Features:

- Cautions the installer to remove pulley nut with the unit in horizontal position only

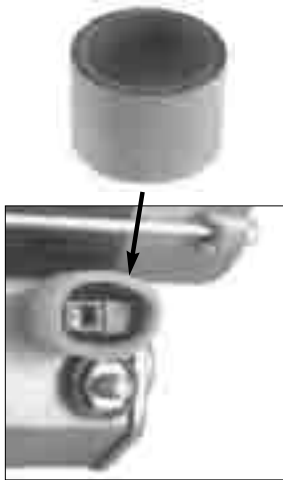


89-914

Brush Retainer

For: Delco AD230, AD237, AD244, CS130D Series IR/IF Alternators

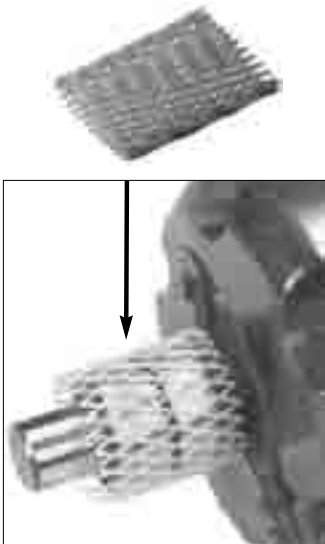
Note: Used in 39-109 brush holder assys.



89-915

Paper Tube - Switch Term.

For: Nippondenso OSGR Starters
Dim: 26mm ID x 32mm OD x 22mm L
Note: Fits over switch terminal to protect against damage from shipping



89-916

Protective Mesh - Slip Ring

For: Bosch IR/EF; Delco 10-17SI, 21SI, 27SI, CS121, CS130, CS144 Series; Ford 1G, 2G, 3G Series Alternators; Motorola, Leece-Neville, Prestolite & others
Dim: 26mm ID x 32mm OD x 22mm L
Note: Used to protect slip ring from shipping and handling damage

SOLDER



89-601 Solder Wire 60/40

Dim: 1lb Spool

SPRAY PAINTS & VARNISHES

Sealers & Insulating Varnishes



89-704-1

Red Insulating Enamel

Dim: 20 oz. Can, Net Wt. 16 oz.

Features:

- Quick-drying
- Dries to tough glossy and flexible film
- Specially formulated for use on electrical components
- High arc resistance and dielectric strength
- Excellent protective coating for insulating armatures, field coils
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-726-1

Orange Tinted Sealer

Dim: 20 oz. Can, Net Wt. 15 oz.

Features:

- Prevents rust & corrosion
- Excellent dielectric strength
- Excellent for coating stators, ignition and electrical systems
- Waterproofs & seals electrical connections
- Dries to a translucent semi-gloss finish with a light orange tint
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-731

Clear Insulating Varnish

Dim: 20 oz. Can, Net Wt. 15 oz.

Features:

- Quickly dries to tough glossy and flexible film
- Specially formulated for use on electrical components providing high arc resistance and dielectric strength
- Excellent protective coating for insulating armatures, field coils
- Provides improved & renewed appearance of windings
- Mfd. for WAI by Seymour
- Packaged 12 cans per case

89-732

Green Insulating Varnish

Same as 89-731 except green color to match Delco field coils and Hitachi stators.

SPRAY PAINTS & VARNISHES

Spray Paints



Enamels & Lacquers

Dim: 16 oz. Can, Net Wt. 12.0 oz.

Features:

- Quick-drying
- Color of cap matches contents of can
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case

89-703-1

Chrome Aluminum Lacquer

89-707-1

Tool Gray Enamel

89-710-1

Gloss Black Enamel

89-711-1

Flat Black Enamel

89-712-1

Satin Black Enamel

89-720-1

Gold Metallic Enamel

89-723-1

Gun Metal Gray Lacquer

89-728-1

Dull Aluminum Lacquer



89-702-1

Cast Iron Lacquer

Dim: 16 oz. Can, Net Wt. 12.0 oz.

Features:

- Extremely quick-drying
- Developed for engine blocks, cylinder heads and other cast iron surfaces
- Makes cast iron look 'like new' with a durable cast iron gray finish
- Made to withstand high engine heat in automotive & industrial applications
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-721-1

Clear Acrylic Lacquer

Dim: 16 oz. Can, Net Wt. 12.0 oz.

Features:

- Forms a crystal clear protective coating to seal & preserve metal, wood, paper, leather surfaces
- Used to moisture-proof electrical & electronic components
- Protects against rust, corrosion, tarnish, fungus, chemicals & grease
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-729

Aluminum Match Lacquer

Dim: 16 oz. Can, Net Wt. 12.0 oz.

Features:

- Extremely quick-drying
- Formulated to exact match of aluminum
- Non-smudge formula
- Excellent on alternators, starters, power steering racks, transmissions or any aluminum surfaces
- Color of cap matches contents of can
- Environmentally friendly; does not contain lead, CFC's, chromates or chlorinated solvents
- Mfd. for WAI by Seymour
- Packaged 12 cans per case



89-730

Stainless Steel

Dim: 16 oz. Can, Net Wt. 12.0 oz.

Features:

- Quick-drying
- Classic appearance
- Rust-proof 100% stainless steel pigment
- Protects from weather, oil, water
- Dries to satin sheen finish
- Perfect for automotive, tools, machinery
- Mfd. for WAI by Seymour
- Packaged 12 cans per case

TAPE



89-402

Insulating Tape - Field Coils

Replaces: Ref# SA-1108

Dim: 3/4" Width, 36-Yard Roll, White Cotton

TOOLS



88-716

Brush Plate

For: Leece-Neville JB Series IR/EF Alternators

Note: Temporarily replaces regulator allowing alternators to be operated on test bench without regulator.

Features:

- Eliminates the regulator/ diode trio from the circuit to assist in determining problems
- Allows field current to be measured in an operating alternator
- Useful in checking for flying shorts in the rotor



88-734

Gauge Tool

For: Ford PMGR Starters

Note: Identifies 1st or 2nd production armatures and drive shafts and which ball is right for the armature and drive shaft combinations used in the unit. Included in 79-2825, 79-2826 Ball Kits.



88-733

Brush Holder Tool

For: Delco CS130D Series IR/IF Alternators

Note: Use to install brush holder into SRE frame

Solenoid Tools



88-718

Solenoid Coil Tool

For: Nippondenso 1.0kW, 1.4kW, 2.0kW, 2.5kW OSGR Starters

Note: For replacement tip on restaking tool use 88-720

Features:

- Allows economical repair and replacement of solenoid coils
- Quickly and easily removes and restakes coils in original manner
- Removes coil without distortion or damage to solenoid housing
- No need to drill, tap or add screws
- Saves time and money on reclaimed cores



88-720

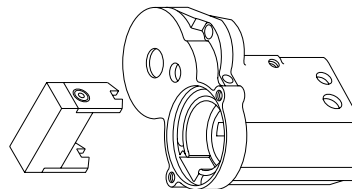
Replacement Tip - Solenoid Tool

Note: Used in 88-718 solenoid coil tool

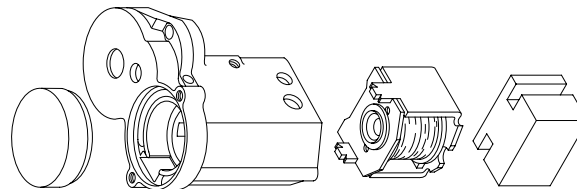
Features:

- Tool steel (Grade 1)
- Heat-treated

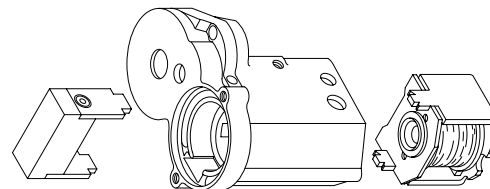
88-718 SOLENOID COIL TOOL FOR NIPPONDENSO OSGR STARTERS



Unsolder, remove all terminals & press out old coil assembly.



Press in new coil assembly.



Restake new coil assembly in place.

SHOP SUPPLIES (89-)

Stator Tools



88-721

Stator Puller

For: Nippondenso IR/IF Alternators

Removes:

100mm OD stator w/ 76mm ID (45-50A)

110mm OD stator w/ 83mm ID (60A)

118mm OD stator w/ 90mm ID (70A)



88-722

Stator Tool Plates

For: Nippondenso 40/90, 50/120A ER/IF Alternators

Used On: Chrysler

Removes:

118mm OD stator w/ 92mm ID (90A)

130mm OD stator w/ 102mm ID (120A)



88-730

Stator Tool Plate

For: Delco CS130D Series 100-105A* IR/IF Alternators

Note: Used to remove stator from D.E. frame. Includes pressure screw adapter for 17mm brg. bore. Used w/ 88-731 pressure screw.

*88-730 does not fit 102, 110 Amp CS130D Series.



88-731

Pressure Screw- Stator Plates

For: Delco CS130D Series, Nippondenso IR/IF Alternators

Note: Included w/ 88-721.

Used w/ 88-722, 88-730.

DIODE TESTERS



DT350

Diode Tester

120 VAC Power Requirement

Features:

- Seven diode settings
- LED display of failure modes
- Check all 8 diodes in a 4 phase rectifier
- Tests reverse leakage, avalanche voltage
- Measuring speed 8 diodes - 3.5 seconds
- Variable pulse test current 30-180 ampere
- Includes wire harness, probes, manual

DT350B

Diode Tester

240 VAC Power Requirement

Same as DT350 except for 240 VAC



DT350-1

Test Fixture - Diode Tester

Note: For DT350 series testers.
For Delco 10SI, 12SI type rectifiers:
DR5040, DR5050



DT350-3

Test Leads - Diode Tester

Note: For DT350 series testers.
For generic testing requirement.



DT350-9

Test Fixture - Diode Tester

Note: For DT350 series testers.
For Delco CS130, CS130D type rectifiers:
DR4000, DR4200



DT350-10

Test Fixture - Diode Tester

Note: For DT350 series testers.
For Ford 2G IR/EF type rectifiers: FR192.



DT350-26

Test Fixture - Diode Tester

Note: For DT350 series testers.
For Ford 3G IR/IF type rectifiers: FR201,
FR202.



DT350-29

Test Fixture - Diode Tester

Note: For DT350 series testers.
For Ford 1G 70-100A ER/EF type rectifiers:
FR1270, FR1280, FR1290.



DT350-051

Spring Pin - Diode Tester

Note: For DT350 series test fixture service.



DT301A

Diode Tester

120 VAC Power Requirement

Note: For production version using optional test fixtures use DT350.

Features:

- Tests avalanche diodes, zener diodes, silicon diodes, germanium diodes, 200 volt bus rectifier, diode trios
- Tests reverse leakage at 20, 50, 100, 200 volts
- Tests open or shorted components
- Tests avalanche voltage (important for general motors vehicles with on-board computers)
- Tests diode forward voltage drop
- 25 amp load test eliminates borderline rectifiers
- LED display for accurate reference and high reliability
- Includes tester manual with operating instructions and illustrations

DT301B

Diode Tester

240 VAC Power Requirement

Same as DT301A except for 240 VAC

TEST EQUIPMENT (TRANSP0)

DIODE TESTERS (cont'd.)



DT301-3

Test Leads - DT301 Diode Tester

Note: For DT301 series testers.

REGULATOR TESTERS



VRC1000A

Regulator Tester

120 VAC Power Requirement

Features:

- Test A and B-circuit alternator regulators
- Test 12V, 24V, 32V alternator regulators
- Test field circuit with 0.5A, 3.0A, or 5.0A load
- Identify active L-terminal (choke drive)
- Identify presence of over-voltage function
- Identify presence of field diode
- Improved lead-set and test manual provided

VRC1000B

Regulator Tester

240 VAC Power Requirement

Same as VRC1000A except for 240 VAC



VRC102

Regulator Tester

120 VAC Power Requirement

Features:

- Tests 12 volt electronic & mechanical regulators for alternators
- Easy to use go-no-go testing
- Field load of 0.5 amps
- LED lights. 4-different voltage ranges
- A, B circuit switch
- Short circuit indicator light
- Includes tester manual, operating instructions, illustrations

VRC102B

Regulator Tester

240 VAC Power Requirement

Same as VRC102 except for 240 VAC.



VRC101-1

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Delco SI type regulators: D21, D27 D101.



VRC101-3

Test Leads - Regulator Tester

Note: For VRC101, VRC1000 series testers.



VRC101-9

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Delco CS130, CS144 type regulators (P-L-I-S): D408, D411.



VRC101-10

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Ford 2G IR/EF, 3G IR/IF type regulators: F784, F794.



VRC101-11S

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Nippondenso IR/IF type regulators w/ round-plug (63.5mm mtg.).

Components:

- 3-Pin Oval-Plug Harness for IN440-types
- 3 Pin-Round Plug for IN220-types
- 4-Pin Round Plug for IN224-types

Features:

- Toggle Switches for convenient stator and sense function testing



VRC101-12

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Nippondenso IR/IF type regulators w/ round-plug (57.5mm mtg.): IN250.



VRC101-14

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/EF type regulators w/ R-L or S-L T-type plug: IM205, IM225.



VRC101-15

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators w/ oval S-L plug: IM268, IM270.



VRC101-16

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Hitachi IR/IF type regulators w/ oval S-L plug: IH238, IH239, IH761.



VRC101-17

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Leece Neville 2300-2800JB type regulators: L79000.



VRC101-18

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Bosch IR/EF type regulators: IB350, IB370.



VRC101-19

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators: IM216, IM217.



VRC101-21

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators: IM262.



VRC101-23

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.
For Mitsubishi IR/IF type regulators w/ round 3-term. or 4-term. plugs: IM273, IM275.

TEST EQUIPMENT (TRANSP0)

REGULATOR TESTERS (cont'd.)



VRC101-24

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Delco CS130D types regulators (P-L-I-S): D702, D734.



VRC101-26

Test Adapter - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Hitachi, Mitsubishi ED/IF type regulators w/ P-D plug: IH758, IM345, IM465, IM505.



VRC101-27

Test Adapter - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Delco CS130, CS130D type regulators (P-L-F-S): D445, D705.

Features:

- Identify 'smart cluster' dash compatibility



VRC101-28

Test Fixture - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Ford 6G type regulators: F600, F601, F602, F603.

Features:

- Use to verify lamp operation
- Easily verify F/FR output using an auxiliary meter plug-in
- Use with VRC101-31 signal supply to test F601 type RC function



VRC101-31

Signal Supply - Regulator Tester

Note: For VRC101, VRC1000 series testers.

For Ford, Marelli, Mitsubishi PCM controlled regulators requiring RC signal: F601, F797, IM529, IX131.

Features:

- Integrated micro-circuitry provides true PWM signal to regulator RC circuit
- 4-position switch for regulator voltage evaluation
- Qualifies OE and aftermarket regulators
- Leads provided for use with Transpo 6G regulator test fixture: VRC101-28

ROTOR TESTERS



RT401

Rotor Tester

120 VAC Power Requirement

Components:

RT401-3 Test Leads

Features:

- Tests at 12, 24, 32 VDC
- 8 ampere rotor test current
- Indicates both short & open circuit
- LED display for accurate reference & high reliability
- Includes tester manual, operating instructions, illustrations

RT401B

Rotor Tester

240 VAC Power Requirement

Same as RT401 except for 240 VAC.



RT401-3

Test Leads - Rotor Tester

Note: For RT401 series rotor testers

STATOR TESTERS



ST501

Stator Tester

120 VAC Power Requirement

Components:

ST501-3 Test Leads

Features:

- Tests delta or wye configurations
- 25 amp maximum stator test current
- LED display for accurate reference and high reliability
- Indicates short, open circuit & grounded circuit
- Phase to phase readout
- Remote power switch for test efficiency & safety
- High voltage insulation test
- Includes tester manual, operating instructions, illustrations

ST501B

Stator Tester

240 VAC Power Requirement

Same as ST501 except for 240 VAC.



ST501-3

Test Leads - Stator Tester

Note: For ST501 series stator testers.

TEST LEADS



88-204

Test Lead

For: Ford 3G Series IR/IF Alternators

Note: For testing alternators w/ D-shaped regulator plug



88-207

Test Lead

For: Delco CS130D Series IR/IF Alternators



88-209

Test Lead

For: Ford 2G Series IR/EF Alternators

Note: Also for testing Mitsubishi IR/IF alternators used on Ford



88-210

Test Lead

For: Delco CS121, CS130, CS144 Series IR/EF Alternators



WAA9SI

Test Lead - Regulator

For: Delco CS121, CS130, CS144 Series IR/EF Alternators

Note: For repair harness use 46-1803.



WAA540

Test Lead - Regulator

For: Ford 1G Series ER/EF Alternators

Note: Test lead for testing Ford GR-540 style external regulators (Transpo F540 series).



WAA784

Test Lead - Regulator

For: Ford 2G Series IR/EF; 3G, 4G Series IR/IF Alternators

Note: For repair harness use 46-2802

VRC 1000 REGULATOR TESTER



- Test A and B Circuit Alternator Regulators
- Test 12V, 24V, 32V Alternator Regulators
- Test Field Circuit with 0.5A, 3.0A, or 5.0A Load
- Identify Active L-Terminal (Choke Drive)
- Identify Presence of Over-Voltage Function
- Identify Presence of Field Diode
- Improved Lead-Set and Test Manual Provided
- Line Voltage Requirements:
 - VRC1000A 120VAC / 60Hz
 - VRC1000B 240VAC / 50Hz-60Hz

RECTIFIERS & REGULATORS - TRANSP0 & WAI to CATALOG#

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31-104	DR5072	283	31-300	CR3043-1	282	31-8133	IHR721HD-1	302	31-8339	IMR10050	329
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31-108	DR1670	284	31-303	CR3100	282	31-8139	IHR715-1	300	31-8346	IMR7578	321
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31-109	DR5082-2	284	31-304	CR3053	281	31-8142	IHR773	307	31-8352	IMR8546	324
31-110	DR5085	284	31-304	CR3053	281	31-8143	IHR775	304	31-8353	IMR8574	325
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31-128	DER1000-1	289	31-415	31-415	338	31-8211	INR401	342	31-8374	IMR8597	328
31-129	DER1004	289	31-416	31-416	338	31-8212	INR402P	344	31-8375	IMR7564	320
31-130	DER1003	289	31-417	31-417	338	31-8213	INR732P	345	31-8376	IMR7582	322
31-131	DER2000-1	288	31-419	MR6045	337	31-8214	INR733P	345	31-8378	IMR10043	335
31-132	31-101-4	283	31-500	LR71181	308	31-8215	INR736	345	31-8380	IMR8548	324
31-133	DR4200	286	31-501	LR71180	307	31-8217	INR722P	344	31-8381	IMR85100	328
31-133	DR4200HD	286	31-502	LR79415	308	31-8218	INR739	343	31-8388	IMR8572	325
31-133	DR4202	286	31-503	LR79193	308	31-8220	INR717	340	31-8389	IMR7117	332
31-134	DR4400HD-1	285	31-504	LR97085	308	31-8221	INR718P	340	31-8390	IMR8011	333
31-134	DR4402HD	285	31-505	LR97084	308	31-8222	INR739	343	31-8391	IMR8047	334
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RECTIFIERS & REGULATORS - TRANSP0 & WAI to CATALOG#

INTERCHANGE - TRANSP0 & WAI

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			32-206	32-1040920	154	32-750	32-773	154	32-8927	32-8927-10	153
31-9200	ILR166-1	309				32-751	32-774	154	32-8928	32-8928	153
31-9206	ILR551-1	311	32-300	32-306	153	32-752	32-754	154	32-8928	32-8928-10	153
31-9208	ILR566-1	311	32-301	32-307	153	32-753	32-755	154			
31-9209	ILR601-1	314	32-302	32-302	153	32-754	32-754	154	32-9100	32-1040901	154
31-9211	ILR602-1	314	32-302	32-306	153	32-755	32-755	154	32-9101	32-1040900	154
31-9213	ILR531-1	311	32-303	32-303	153	32-756	32-754	154	32-9102	32-1050101	155
31-9214	ILR532	311	32-303	32-307	153	32-757	32-755	154	32-9103	32-1050100	155
31-9217	ILR530-1	310	32-304	32-306	153	32-758	32-762	154	32-9106	32-1040901	154
31-9218	ILR550-1	311	32-305	32-307	153	32-759	32-763	154	32-9107	32-1040900	154
31-9219	ILR568-1	312	32-306	32-306	153	32-760	32-762	154	32-9108	32-1050901	155
31-9220	ILR570-1	312	32-307	32-307	153	32-761	32-763	154	32-9109	32-1050900	155
31-9221	ILR574-1	313				32-762	32-762	154			
31-9222	ILR572-1	313	32-500	32-500	154	32-763	32-763	154	32-9200	32-9200	154
31-9223	ILR576-1	313	32-501	32-501	154	32-764	32-762	154	32-9201	32-9201	154
			32-502	32-502	154	32-765	32-763	154	32-9202	32-9202	154
			32-503	32-503	154	32-768	1120R	155	32-9203	32-9203	154
31-9304	IXR693-1	317				32-769	1120	155	32-9204	32-9203	154
31-9305	IXR692-1	317	32-701	32-701-1	155	32-770	32-705	153			
31-9338	IXR634	316	32-701	32-721	155	32-771	32-773	154	32-1035100	32-1050100	155
31-9341	IXR549	290	32-702	32-702-1	155	32-772	32-774	154	32-1035101	32-1050101	155
31-9342	IXR548	290	32-702	32-722	155	32-773	32-773	154	32-1035900	32-1040912	154
			32-703	32-734	153	32-774	32-774	154	32-1035901	32-1040913	154
31-9400	IDR197	347	32-704	32-735	153	32-777	32-754	154			
31-9401	IPR554-1	353	32-705	32-705	153	32-778	32-755	154	32-1040200	32-1040200	154
31-9402	IPR539-1	353	32-706	32-706	154	32-779	32-779	153	32-1040201	32-1040201	154
31-9403	IPR551-1	353	32-706	32-748	154	32-780	32-705	153	32-1040202	32-1040202	154
31-9404	IDR559-1	347	32-707	32-707	154	32-783	32-783	155	32-1040900	32-1040900	154
31-9405	IPR713-1	353	32-707	32-749	154	32-784	32-784	155	32-1040901	32-1040901	154
31-9406	MER103	348	32-708	32-708	154	32-787	32-787	154	32-1040902	32-1040902	154
31-9411	MER102	348	32-708	32-773	154	32-788	32-788	154	32-1040903	32-1040903	154
31-9413	IPR203-1	352	32-709	32-709	154	32-7100	32-7100	154	32-1040910	32-1040910	154
31-9413	IPR203HD-1	352	32-709	32-774	154	32-7101	32-7101	154	32-1040911	32-1040911	154
31-9420	ISR2190	355	32-710	32-710	154				32-1040912	32-1040912	154
31-9421	IPR135-1	351	32-710	32-754	154	32-8102	32-8102	154	32-1040913	32-1040913	154
31-9424	MER108	349	32-711	32-711	154	32-8103	32-8103	154	32-1040920	32-1040920	154
31-9427	MER109	349	32-711	32-755	154	32-8104	32-8104	154	32-1040921	32-1040921	154
31-9430	IPR813-1	354	32-712	32-726	153	32-8105	32-8105	154			
31-9431	IPR227-1	352	32-713	32-725	153	32-8106	32-8106	154	32-1050100	32-1050100	155
31-9433	IPR342-1	352	32-714	32-735	153	32-8107	32-8107	154	32-1050101	32-1050101	155
31-9434	IPR747	353	32-715	32-748	154	32-8108	32-8108	154	32-1050200	32-1050200	155
31-9435	MER202	349	32-716	32-749	154	32-8109	32-8109	154	32-1050201	32-1050201	155
31-9436	MER101	348	32-719	32-773	154				32-1050220	32-1050220	155
31-9439	MER201	349	32-720	32-774	154	32-8300	32-8300	153	32-1050900	32-1050900	155
31-9441	IDR560	347	32-721	32-721	155	32-8301	32-8301	153	32-1050901	32-1050901	155
31-9442	IPR252-1	352	32-722	32-722	155	32-8306	32-8306	153	32-1050902	32-1050902	155
31-9443	IPR554-1	353	32-723	32-723	155	32-8307	32-8307	153	32-1050903	32-1050903	155
31-9444	IPR539-1	353	32-724	32-724	155	32-8308	32-8308	153	32-1050910	32-1050910	155
			32-725	32-725	153	32-8309	32-8309	153	32-1050911	32-1050911	155
32-100	32-100	153	32-726	32-726	153				32-1050912	32-1050912	155
32-100	32-107	153	32-727	32-727	153	32-8900	32-8918	153	32-1050913	32-1050913	155
32-101	32-101	153	32-728	32-728	153	32-8901	32-8917	153			
32-101	32-108	153	32-729	32-727	153	32-8902	32-8910	153	32-1060100	32-1060100	155
32-102	32-102	153	32-730	32-728	153	32-8903	32-8909	153	32-1060101	32-1060101	155
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33-101	D985	156	35-155	DE615	397	35-8110-5	TRI430	513	35-8238	IN439	482
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			35-206	F785	402	35-8123-5	TRI767	514	35-8301-5	TRI400R	518
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33-502	L79026	157	35-209	F786	402	35-8125-5	TRI431	514	35-8303	IM224	458
			35-210	F798	405	35-8126	IH767	414	35-8304	IM205-1	455
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			35-214	F603	406	35-8129	IH782	414	35-8310	IM263	444
35-100	D9212-1	377	35-217	F605	406	35-8133	IH765	409	35-8310-5	TRI406	518
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35-101	D101HD-1	378	35-301	C8312-1	376	35-8135	IH240	415	35-8312	IM267	442
35-102	D105HD-1	378				35-8136	IH205	413	35-8313	IM268-1	439
35-105	D27-1	381	35-400	M5-130A	469	35-8137	IH254	413	35-8313-5	TRI268	516
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35-110	D832HD	384	35-406	M5-197A	462	35-8202	IN229	477	35-8318	IM271	450
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35-115	D443P	386	35-408	M5-153A	466	35-8202-5	TRI300	522	35-8320	IM274	451
35-116	D447P	386	35-409	M5-181A	462	35-8203	IN218	479	35-8321	IM275	442
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35-120	D437P	385	35-413	M5-266	469	35-8205	IN221-1	488	35-8323	IM276	452
35-121	D9212M	377	35-414	M5-276	468	35-8205-5	TRI221	520	35-8323-5	TRI276	516
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35-123	D691	379	35-500	L79000HD	421	35-8208	IN235	478	35-8326-5	TRI278	517
35-124	D425XHD	390	35-500	L79000LH	421	35-8209	IN222	488	35-8327	IM279	445
35-125	D432	391	35-500	L99920	422	35-8209-5	TRI222	520	35-8328	IM215	458
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35-126	D33-145	381	35-502	L5078	425	35-8211	IN232	479	35-8330	IM285	448
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35-128	D440-1	389	35-600	P8-393A	492	35-8213-5	TRI226	521	35-8335	IM830	447
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35-131	D691	379	35-602	P8-352A	492	35-8214-5	TRI224	521	35-8337	IM836	440
35-132	D702-1	391	35-604	P8-328A	491	35-8215	IN253	486	35-8337-5	TRI836	519
35-132	D702XHD	391	35-605	35-605	494	35-8215-5	TRI253	522	35-8338	IM291	451
35-133	D703XHD	391				35-8216	IN251	485	35-8339	IM832	450
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35-9103	IB355-1	361	81-1916	81-1916	642	8334	32-8306	153	CE533	CE533	375
35-9104	IB353-1	360	81-1917	81-1917	637	8335	32-8307	153	CE552	CE552	375
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