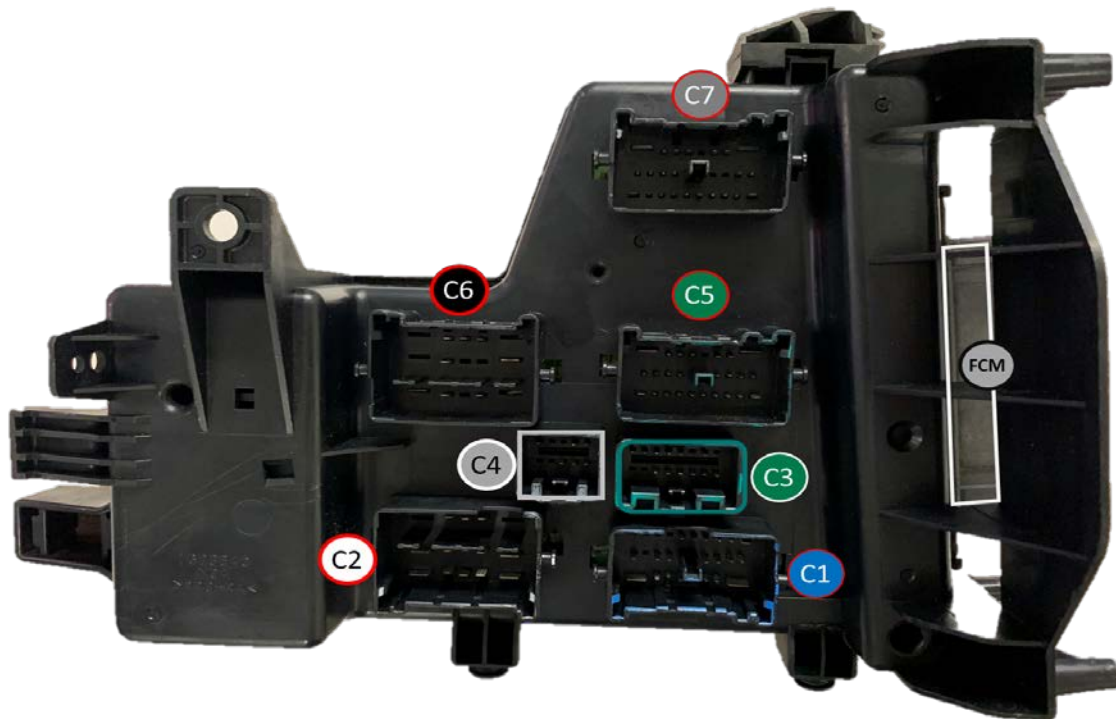


TIPM Connector Pinouts



- Notes:**
1. MAK's Designates this as TIPM Type E2, bearing squared-shaped C3 & C4 Sockets (2003 - 2005)
 2. Above schematic intended only to identify C-connector socket locations.
 3. Actual Pins shown above may vary by slightly by part number.

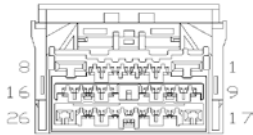
Connector Cavity# Circuit Gauge Color Function

C1

RED FACE/BLUE
HOUSING

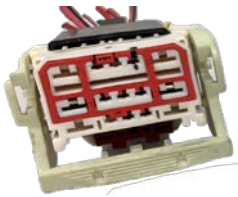
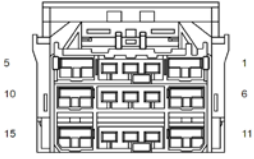


MAK PART#
PLU-E-C1



1	A17	16	RD/BK	FUSED B(+)
1	A112	12	RD/TN	FUSED B(+)
2	Y107	20	VT/RD	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3				-
4	A20	20	RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
4				-
5	Y141	18	DG/WT	TRAILER TOW LEFT TURN RELAY OUTPUT
6				-
7	Y140	18	WT/PK	TRAILER TOW RIGHT TURN RELAY OUTPUT
8	Y131	14	RD/WT	FUSED B(+)
8				-
9	M1	18	PK	FUSED B(+)
10	L7	18	BK/YL	FUSED PARK LAMP RELAY OUTPUT
11	A21	16	DB	FUSED IGNITION SWITCH OUTPUT (RUN-START)
12	F35	18	RD	FUSED B(+)
13	F32	20	RD/YL	FUSED B(+)
14	X2	18	DG/RD	HORN RELAY OUTPUT
15	A64	16	DG/WT	FUSED B(+)
16	A108	18	TN/RD	FUSED B(+)
17	L76	18	BK/OR	FUSED PARK LAMP RELAY OUTPUT
17				-
18	F32	18	RD/YL	FUSED F(+)
19	Y174	18	PK/VT	FUSED PARK LAMP RELAY OUTPUT
20				-
21				-
22				-
23	Y145	18	DB/YL	CONDENSER FAN RELAY CONTROL
24				-
25				-
26				-

Connector Cavity# Circuit Gauge Color Function

Connector	Cavity#	Circuit	Gauge	Color	Function
<p>C2</p> <p>RED FACE / WHITE HOUSING</p>  <p>MAK PART# PLU-E-C2</p> 	1	A30	10	RD/WT□	FUSED B(+)
	1				-
	2	A34	16	LB/RD□	FUSED B(+)
	2				-
	3	Y148	18	YL/RD□	FUSED B(+)
	4	A61	16	DG/BK□	FUEL PUMP RELAY OUTPUT
	5	F37	12	RD/LB□	FUSED B(+)
	5				-
	6	A2	10	PK/BK□	FUSED B(+)
	7	A14	20	RD/WT□	FUSED B(+)
	8	A10	14	RD/DG□	FUSED B(+)
	8				-
	9	A12	18	RD/TN□	FUSED B(+)
	9				-
	10	A22	16	BK/OR□	FUSED B(+)
11				-	
12	F30	18	RD	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)	
12				-	
13	F75□	18	VT	FUSED B(+)	
13				-	
14	A1	16	RD	FUSED B(+)	
15				-	

Connector Cavity# Circuit Gauge Color Function

Connector	Cavity#	Circuit	Gauge	Color	Function
<p>C3</p> <p>WHITE FACE / GREEN HOUSING</p>  <p>MAK PART# PLU-E2-C3</p> 	1	W10	20	BR	WASHER PUMP MOTOR SENSE
	2	L62	18	WT/YL	RIGHT REAR TURN LAMP DRIVER
	3	Z117	18	BK/WT	GROUND
	4	G31	20	VT/LG	AAT SIGNAL
	5	Z118	18	BK/YL	GROUND
	6	L1	18	WT/LG	BACKUP LAMP FEED
	7				-
	8				-
	9				-
	10	D25	20	VT/PK	PCI BUS
	11				-
	12	L61	18	WT/LG	LEFT FRONT TURN LAMP DRIVER
	13	L53	18	DG/WT	LEFT STOP LAMP FEED
	14	L63	18	WT/DG	LEFT REAR TURN LAMP DRIVER
	15				-
	16	G180	20	VT/YL	SENSOR GROUND

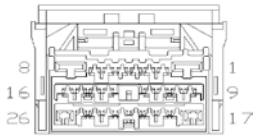
Connector Cavity# Circuit Gauge Color Function

C5

RED FACE / GREEN HOUSING



MAK PART#
PLU-E-C5



1	A38	16	OR	IGNITION SWITCH OUTPUT (RUN)
1				-
2	K173	18	LG	CONDENSER FAN RELAY CONTROL
2	K173□	20	LG	GROUND
2	K173	18	LG	CONDENSER FAN RELAY CONTROL
3				-
4	L10	18	BR/LG□	FUSED IGNITION SWITCH OUTPUT (RUN)
5	C23	16	DG	CONDENSER FAN RELAY OUTPUT
6	F15	20	DB	FUSED IGNITION SWITCH OUTPUT (RUN)
7	G115	20	YL/WT□	FUSED B(+)
8	Z316	12	BK/OR□	GROUND
9				-
10				-
11	C13	18	DB/OR□	A/C COMPRESSOR CLUTCH RELAY CONTROL
11				-
12				-
13	A42	18	DG	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
14	Y145	20	DB/YL□	NULL
14	Z114	18	BK/LG□	GROUND
14				-
15	Y135	18	LG/BK□	FUSED IGNITION SWITCH OUTPUT (RUN-START)
15	A17	16	RD/BK□	NULL
15				-
16	K30	18	PK	TRANSMISSION CONTROL RELAY CONTROL
16				-
17	F121	16	TN/BK□	HEATED MIRROR RELAY OUTPUT
18	C3	18	DB/BK□	A/C CLUTCH RELAY OUTPUT
18				-
19				-
20				-
21	C16□	20	LB/YL□	HEATED MIRROR RELAY CONTROL
22	V4	16	RD/YL□	WIPER RELAY HIGH SPEED OUTPUT
22				-
23	F23□	18	DB/YL□	FUSED IGNITION SWITCH OUTPUT (RUN)
23				-
23				-
23				-
24	F14	18	LG/YL□	FUSED IGNITION SWITCH OUTPUT (RUN)
24				-
25				-
26	F15□	20	DB	FUSED IGNITION SWITCH OUTPUT (RUN)
26	Y106□	20	OR/RD□	FUSED IGNITION SWITCH OUTPUT (RUN) (ELECTRIC TRANSFER CASE)

Connector Cavity# Circuit Gauge Color Function

Connector	Cavity#	Circuit	Gauge	Color	Function	
<p>C6</p> <p>RED FACE / BLACK HOUSING</p>  <p>MAK PART# PLU-E-C6</p> 	1				-	
	2	Y133	14	RD/OR	FUSED B(+)	
	3					-
	4	A142	16	DG/OR	AUTO SHUT DOWN RELAY OUTPUT	
	5					-
	6					-
	7					-
	8					-
	9					-
	10	C23	16	DG	NULL	
	10	A93	12	RD/BK	FUEL HEATER RELAY OUTPUT	
	10					-
	11	A17	16	RD/TN	NULL	
	11	A112	12	BK/WT	FUSED B(+)	
	11					-
12	A31	14	BK/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)		
12					-	
13					-	
14	T16	14	RD	TRANSMISSION CONTROL RELAY OUTPUT		
15					-	

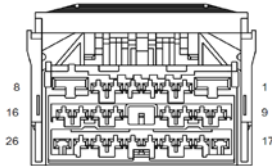
Connector Cavity# Circuit Gauge Color Function

C7


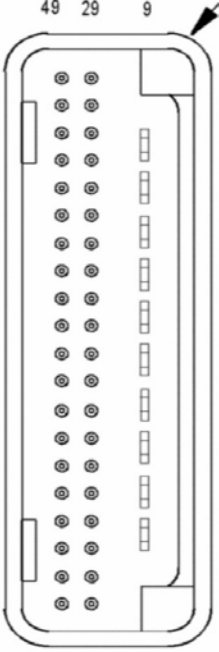
RED FACE/GREY
HOUSING



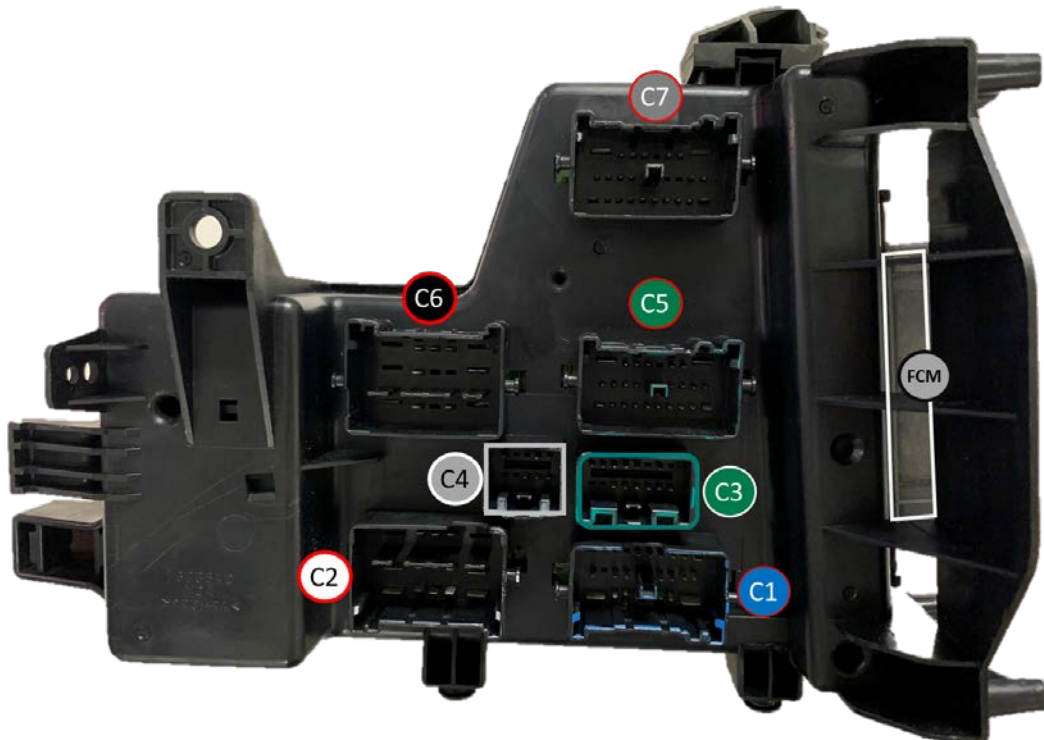
MAK PART#
PLU-E-C7



1	T40	14	BR	STARTER MOTOR RELAY OUTPUT
1				-
2	V3	16	BR/WT	WIPER RELAY LOW SPEED OUTPUT
2				-
3	Y105	20	BR/RD	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	F235	18	RD	FUSED B(+)
5				-
6	Y171	18	WT/DG	LEFT LOW BEAM DRIVER
7	Y168	18	WT/LB	RIGHT HIGH BEAM DRIVER
8				-
9	A64	16	DG/WT	FUSED B(+)
10				-
11	K51	20	DB/YL	AUTO SHUT DOWN RELAY CONTROL
11				-
12	K127	18	DB/OR	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
13				-
14				-
15	Y170	18	WT/LG	LEFT HIGH BEAM DRIVER
16	Y153	18	DB/RD	ADJUSTABLE PEDAL RELAY OUTPUT
17				-
18				-
19	K31	20	BR	-
19				-
20	L39	18	LB	FOG LAMP RELAY OUTPUT
21	A41	16	YL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
21				-
22	Y169	18	WT/TN	RIGHT LOW BEAM DRIVER
23	T24	18	BR/YL	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
23	T752	18	DG/OR	NULL
23				-
24	E1	20	TN	FUSED B(+)
25	A141	18	DG/WT	FUSED AUTO SHUT DOWN RELAY OUTPUT
26				-

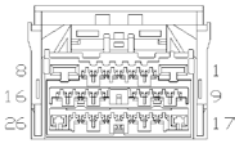
Connector	Cavity#	Circuit	Gauge	Color	Function
<p>FCM</p> <p>Front Control Module</p>  <p>Possible Part#s 56051036 56045434 56049681</p>  <p>INTEGRATED POWER MODULE (FCM)</p>	1	Y169			RIGHT LOW BEAM DRIVER
	2	Y170			LEFT HIGH BEAM DRIVER
	3				INTERNAL
	4				INTERNAL
	5	V10			WASHER PUMP MOTOR SENSE
	6				INTERNAL
	7				INTERNAL
	8	Y168			RIGHT HIGH BEAM DRIVER
	9	Y171			LEFT LOW BEAM DRIVER
	10				INTERNAL
	11				-
	12	Z21			GROUND
	13				-
	14				INTERNAL
	15				INTERNAL
	16				-
	17				INTERNAL
	18				INTERNAL
	19	L62			RIGHT REAR TURN LAMP DRIVER
	20				-
	21				-
	22	L1			BACKUP LAMP FEED
	23				-
	24				-
	25				-
	26				-
	27	Z2			GROUND
	28	G29			WASHER FLUID SWITCH SENSE
	29	G31			AAT SIGNAL
	30	Z12			GROUND
	31	Z21			GROUND
	32				INTERNAL
	33				-
	34				INTERNAL
	35				INTERNAL
	36				-
	37				INTERNAL
	38	D25			PCI BUS
	39				-
	40				-
	41	L22			RIGHT STOP LAMP DRIVER
	42	L61			LEFT FRONT TURN LAMP DRIVER
	43	L24			LEFT STOP LAMP DRIVER
	44	L63			LEFT REAR TURN LAMP DRIVER
	45	L60			RIGHT FRONT TURN LAMP DRIVER
	46	Y137			SENSOR GROUND
	47	Z12			GROUND
	48				INTERNAL
	49	V5			WIPER PARK SWITCH SENSE

TIPM Connector Pinouts



- Notes:**
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 2. Above schematic intended only to identify C-connector socket locations.
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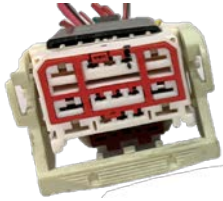
Connector Cavity# Circuit Gauge Color Function

Connector	Cavity#	Circuit	Gauge	Color	Function
<p>C1</p> <p>RED FACE/BLUE HOUSING</p>  <p>MAK PART# PLU-E-C1</p> 	1	A960	14	RD	FUSED B(+)
	1	A16	16	RD/BR	FUSED B(+)
	2	F21	20	PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
	3				-
	4	F500	20	DG/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
	4				-
	5	L673	18	YL	TRAILER TOW LEFT TURN RELAY OUTPUT
	6				-
	7	L674	18	LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
	8	A981	14	RD	FUSED B(+)
	8	A981	12	RD	FUSED B(+)
	9	A114	18	GY/RD	FUSED B(+)
	10	L70	18	WT/GY	FUSED PARK LAMP RELAY OUTPUT
	11	F951	16	PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
	12	A941	18	RD	FUSED B(+)
	13	A919	20	RD	FUSED B(+)
	14	X2	18	DG/OR	HORN RELAY OUTPUT
	15				-
	16	A103	18	TN/RD	FUSED B(+)
	17	L678	18	BR	PARK LAMP RELAY OUTPUT
	17	L678	16	BR	PARK LAMP RELAY OUTPUT
	18				-
	19	L7	18	WT/YL	FUSED PARK LAMP RELAY OUTPUT
	20				-
	21				-
	22				-
23				-	
24				-	
25				-	
26				-	

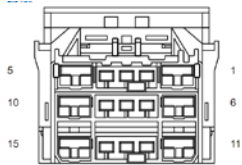
Connector Cavity# Circuit Gauge Color Function

C2

RED FACE / WHITE
HOUSING



MAK PART#
PLU-E-C2



1	A991	12	RD	FUSED B(+)
1	A991	10	RD	FUSED B(+)
2	A916	16	RD	FUSED B(+)
2	A34	16	RD/WT	FUSED B(+)
3	A405	18	RD/DB	FUSED B(+)
4				-
5	A210	12	OR/RD	FUSED B(+)
5				-
6	A970	10	RD	FUSED B(+)
7	A100	14	RD/VT	FUSED B(+)
8	A111	14	RD/DG	FUSED B(+)
8	A111	12	DG/RD	FUSED B(+)
9	A205	18	RD/OR	FUSED B(+)
9	A205	16	RD/OR	FUSED B(+)
10	A921	16	RD	FUSED B(+)
11				-
12	F984	16	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
12	F984	18	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
13	A116	18	YL/RD	FUSED B(+)
13	A116	16	YL/RD	FUSED B(+)
14	A951	16	RD	FUSED B(+)
15				-

MAK'S

Part # 5026032 - 2004

Connector Cavity# Circuit Gauge Color Function

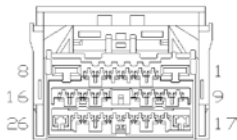
Connector	Cavity#	Circuit	Gauge	Color	Function
<p>C3</p> <p>WHITE FACE / GREEN HOUSING</p>  <p>MAK PART# PLU-E2-C3</p> 	1	W10	20	BR	WASHER PUMP MOTOR SENSE
	2	L62	18	WT/YL	RIGHT REAR TURN LAMP DRIVER
	3	Z117	18	BK/WT	GROUND
	4	G31	20	VT/LG	AAT SIGNAL
	5	Z118	18	BK/YL	GROUND
	6	L1	18	WT/LG	BACKUP LAMP FEED
	7				-
	8				-
	9				-
	10	D25	20	VT/PK	PCI BUS
	11				-
	12	L61	18	WT/LG	LEFT FRONT TURN LAMP DRIVER
	13	L53	18	DG/WT	LEFT STOP LAMP FEED
	14	L63	18	WT/DG	LEFT REAR TURN LAMP DRIVER
	15				-
	16	G180	20	VT/YL	SENSOR GROUND

Connector Cavity# Circuit Gauge Color Function

C5
RED FACE / GREEN
HOUSING


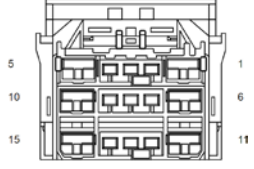


MAK PART#
PLU-E-C5



Connector	Cavity#	Circuit	Gauge	Color	Function
	1	F922	14	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
	1	F922	16	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
	2	F941	20	PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
	2	Z912	20	BK	GROUND
	2				-
	3				-
	4	L10	18	WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
	5				-
	6				-
	7				-
	8	Z920	12	BK	GROUND
	9	C110	20	DB/LB	DEFOGGER RELAY CONTROL
	10				-
	11	C13	18	LB/OR	A/C CLUTCH RELAY CONTROL
	11	C13	20	LB/OR	A/C CLUTCH RELAY CONTROL
	12				-
	13	K344	18	BR/GY	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
	14	K173	18	BR/VT	CONDENSER FAN RELAY CONTROL
	14	F102	18	PK/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
	14	Z114	20	BK/LG	GROUND
	15	F202	20	PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
	15	Z1	18	BK	GROUND
	15	A16	16	RD/BR	FUSED B(+)
	16	T515	20	YL/DB	TRANSMISSION CONTROL RELAY CONTROL
	16				-
	17	C16	16	DB/GY	HEATED MIRROR RELAY OUTPUT
	18	C3	18	DB/YL	A/C CLUTCH RELAY OUTPUT
	18	C3	20	DB/YL	A/C CLUTCH RELAY OUTPUT
	19				-
	20				-
	21	C110	20	DB/LB	DEFOGGER RELAY CONTROL
	22	W4	16	BR/OR	WIPER RELAY HIGH SPEED OUTPUT
	22				-
	23	F100	20	PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
	23	F100	18	PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
	23	F100	20	PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
	23	F100	18	PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
	24	F201	20	PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN)
	24	F201	18	PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN)
	25				-
	26	F504	20	GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
	26				-

Connector Cavity# Circuit Gauge Color Function

Connector	Cavity#	Circuit	Gauge	Color	Function	
<p>C6</p> <p>RED FACE / BLACK HOUSING</p>  <p>MAK PART# PLU-E-C6</p> 	1				-	
	2	A400	14	TN/RD	FUSED B(+)	
	3					-
	4	K342	16	BR/WT	AUTO SHUT DOWN RELAY OUTPUT	
	5					-
	6					-
	7					-
	8					-
	9					-
	10	C123	16	LB/WT	CONDENSER FAN RELAY OUTPUT	
	10	A961	14	RD	FUEL HEATER RELAY OUTPUT	
	10	C7	10	DB	BLOWER MOTOR FEED	
	11	A970	10	RD	FUSED B(+)	
	11	A16	16	RD/BR	FUSED B(+)	
	11	A960	14	RD	FUSED B(+)	
12	F982	12	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)		
12	F982	14	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)		
13					-	
14	T16	18	YL/OR	TRANSMISSION CONTROL RELAY OUTPUT		
15					-	

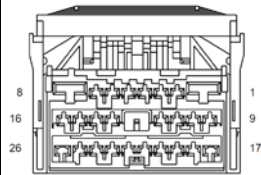
Connector Cavity# Circuit Gauge Color Function

C7


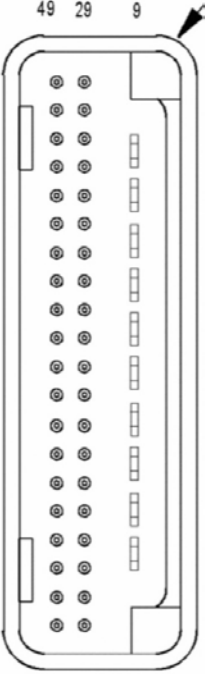
RED FACE/GREY
HOUSING



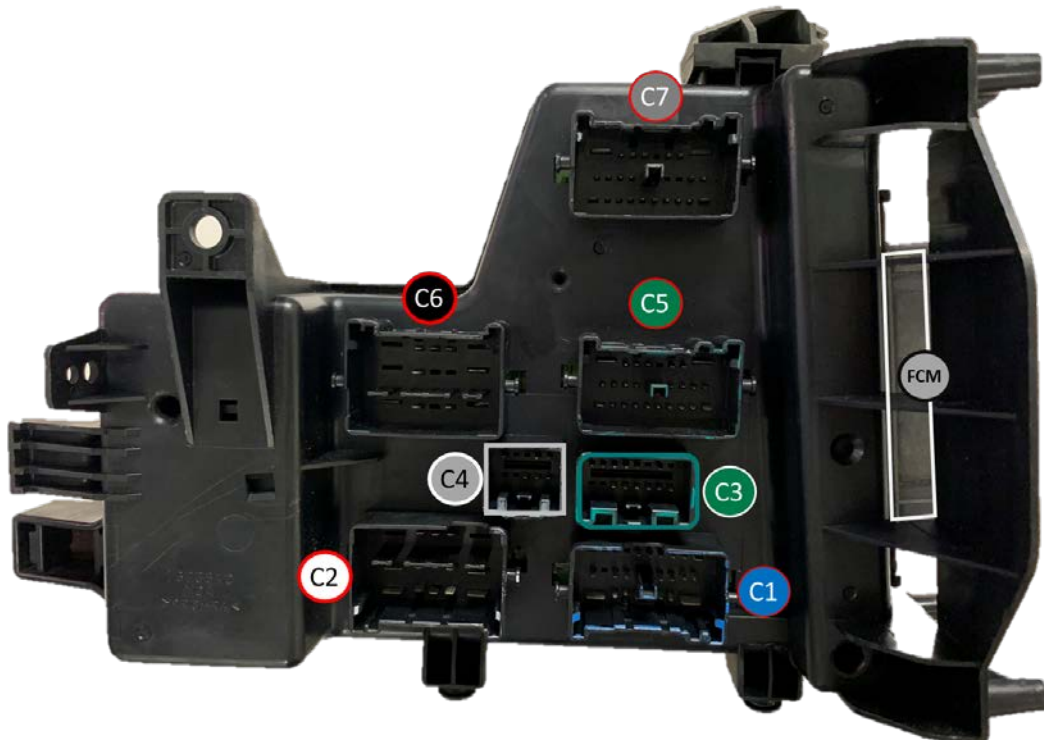
MAK PART#
PLU-E-C7



1	F922	14	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
1	T750	14	YL/GY	STARTER MOTOR RELAY OUTPUT
2	W3	16	BR/WT	WIPER RELAY LOW SPEED OUTPUT
2				-
3	F983	20	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	A930	18	RD	FUSED B(+)
5				-
6	L43	18	WT/DB	LEFT LOW BEAM DRIVER
7	L34	18	WT/GY	RIGHT HIGH BEAM DRIVER
8				-
9	A109	16	OR/RD	FUEL PUMP RELAY OUTPUT
10				-
11	K51	18	BR/WT	ASD RELAY CONTROL
11	K51	20	BR/WT	ASD RELAY CONTROL
12	K127	18	BR/OR	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
13				-
14				-
15	L33	18	WT/LG	LEFT HIGH BEAM DRIVER
16	A72	18	RD/OR	ADJUSTABLE PEDAL RELAY OUTPUT
17	C15	16	DB/WT	REAR WINDOW DEFOGGER RELAY OUTPUT
18				-
19	K31	20	BR	FUEL PUMP RELAY CONTROL
19	K31	18	BR	FUEL PUMP RELAY CONTROL
20	L89	18	WT/YL	FOG LAMP RELAY OUTPUT
21	T751	16	YL	FUSED IGNITION SWITCH OUTPUT (START)
21	F102	18	PK/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
22	L44	18	WT/TN	RIGHT LOW BEAM OUTPUT
23	Z1	18	BK	GROUND
23	T752	20	DG/OR	STARTER RELAY CONTROL
23				-
24	A944	20	RD	FUSED B(+)
25	K343	16	BR/YL	FUSED AUTO SHUT DOWN RELAY OUTPUT
26				-

Connector	Cavity#	Circuit	Gauge	Color	Function
<p>FCM</p> <p>Front Control Module</p>  <p>Possible Part#s 56051036 56045434 56049681</p>  <p>INTEGRATED POWER MODULE (FCM)</p>	1	L44	18	WT/TN□	RIGHT LOW BEAM DRIVER
	2	L33	18	WT/LG□	LEFT HIGH BEAM DRIVER
	3				INTERNAL
	4				INTERNAL
	5	W10	20	BR	WASHER PUMP MOTOR SENSE
	6				INTERNAL
	7				INTERNAL
	8	L34	18	WT/GY□	RIGHT HIGH BEAM DRIVER
	9	L43	18	WT/DB□	LEFT LOW BEAM DRIVER
	10				INTERNAL
	11				-
	12	Z117	18	BK/WT	GROUND
	13				-
	14				INTERNAL
	15				INTERNAL
	16				-
	17				INTERNAL
	18				INTERNAL
	19	L62	18	WT/YL	RIGHT REAR TURN LAMP DRIVER
	20				-
	21				-
	22	L1	18	WT/LG□	BACKUP LAMP FEED
	23				-
	24				-
	25				-
	26				-
	27	Z116	18	BK/VT	GROUND
	28	W1	20	BR/TN	WASHER FLUID SWITCH SENSE
	29	G31	20	VT/LG	AAT SIGNAL
	30	Z118	18	BK/YL	GROUND
	31	Z117	18	BK/WT	GROUND
	32				INTERNAL
	33				-
	34				INTERNAL
	35				INTERNAL
	36				-
	37				INTERNAL
	38	D25	20	VT/PK	PCI BUS
	39				-
	40				-
	41	L54	18	WT/LG□	RIGHT STOP LAMP DRIVER
	42	L61	18	WT/LG□	LEFT FRONT TURN LAMP DRIVER
	43	L53	18	DG/WT	LEFT STOP LAMP DRIVER
	44	L63	18	WT/DG	LEFT REAR TURN LAMP DRIVER
	45	L60	18	WT/TN□	RIGHT FRONT TURN LAMP DRIVER
	46	G180	20	VT/YL	SENSOR GROUND
	47	Z118	18	BK/YL	GROUND
	48				INTERNAL
	49	W7	20	BR/GY	WIPER PARK SWITCH SENSE

TIPM Connector Pinouts



- Notes:**
1. MAK's Designates this as TIPM Type E2, bearing squared-shaped C3 & C4 Sockets (2003 - 2005)
 2. Above schematic intended only to identify C-connector socket locations.
 3. Actual Pins shown above may vary by slightly by part number.

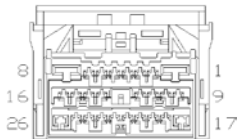
Connector Cavity# Circuit Gauge Color Function

C1

RED FACE/BLUE
HOUSING



MAK PART#
PLU-E-C1

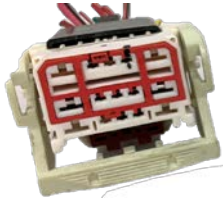


1	A16	16	RD/BR	FUSED B(+)
1	A960	14	RD	FUSED B(+)
2	F21	20	PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3				-
4	F500	18	DG/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
4	F500	20	DG/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
5	L673	18	YL	TRAILER TOW LEFT TURN RELAY OUTPUT
6				-
7	L674	18	LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
8	A981	14	RD	FUSED B(+)
8	A981	12	RD	FUSED B(+)
9	A114	18	GY/RD	FUSED B(+)
10	L70	18	WT/GY	FUSED PARK LAMP RELAY OUTPUT
11	F951	16	PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
12	A941	18	RD	FUSED B(+)
13	A919	20	RD	FUSED B(+)
14	X2	18	DG/OR	HORN RELAY OUTPUT
15				-
16	A103	18	GY/RD	FUSED B(+)
17	L678	16	BR	FUSED PARK LAMP RELAY OUTPUT
17	L678	18	BR	FUSED PARK LAMP RELAY OUTPUT
18				-
19	L7	18	WT/YL	FUSED PARK LAMP RELAY OUTPUT
20	T41	20	YL/DB	TRS T41 SENSE
21	Z953	20	BK	GROUND
22				-
23				-
24				-
25				-
26				-

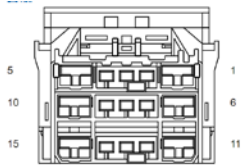
Connector Cavity# Circuit Gauge Color Function

C2

RED FACE / WHITE
HOUSING


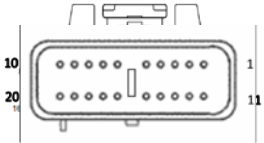


MAK PART#
PLU-E-C2



1	A991	10	RD	FUSED B(+)
1	A991	12	RD	FUSED B(+)
2	A34	16	RD/WT	FUSED B(+)
2	A916	16	RD	FUSED B(+)
3	A405	18	RD/DB	FUSED B(+)
4	A917	20	RD	FUSED B(+)
5	A210	10	OR/RD	FUSED B(+)
5	A210	12	OR/RD	FUSED B(+)
6	A970	10	RD	FUSED B(+)
7	A100	14	RD/VT	FUSED B(+)
8	A111	14	DG/RD	FUSED B(+)
8				-
9	A205	16	RD/OR	FUSED B(+)
9	A205	18	RD/OR	FUSED B(+)
10	A921	16	RD	FUSED B(+)
11				-
12	F984	18	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
12	F984	16	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
13	A116	16	YL/RD	FUSED B(+)
13	A116	18	YL/RD	FUSED B(+)
14	A951	16	RD	FUSED B(+)
15				-

Connector Cavity# Circuit Gauge Color Function

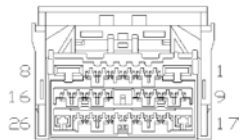
Connector	Cavity#	Circuit	Gauge	Color	Function
<p>C3</p> <p>WHITE FACE / GREEN HOUSING</p>  <p>MAK PART# PLU-E2-C3</p> 	1	W10	20	BR	WASHER PUMP MOTOR CONTROL
	2	L62	18	WT/YL	RIGHT REAR TURN LAMP DRIVER
	3	Z117	18	BK/WT	GROUND
	4	G31	20	VT/LG	AAT SIGNAL
	5	Z118	18	BK/YL	GROUND
	6	L1	18	WT/LG	BACKUP LAMP FEED
	7				-
	8				-
	9				-
	10	D25	20	VT/PK	PCI BUS
	11				-
	12	L61	18	WT/LG	LEFT FRONT TURN LAMP DRIVER
	13	L53	18	DG/WT	LEFT STOP LAMP DRIVER
	14	L63	18	WT/DG	LEFT REAR TURN LAMP DRIVER
	15	L60	18	WT/TN	RIGHT FRONT TURN LAMP DRIVER
	16	G180	20	VT/YL	SENSOR GROUND

Connector Cavity# Circuit Gauge Color Function

C5
RED FACE / GREEN
HOUSING


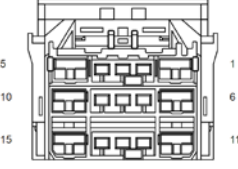


MAK PART#
PLU-E-C5



Connector	Cavity#	Circuit	Gauge	Color	Function
	1	F922	16	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
	1	F922	14	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
	2	Z912	20	BK	GROUND
	2	K125	18	BR/DG	GENERATOR SOURCE
	2	F941	20	PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
	3				-
	4	L10	18	WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
	5				-
	6	Z723	20	BK	GROUND
	7	K31	18	BK	FUEL PUMP RELAY CONTROL
	8	Z920	12	BK	GROUND
	9	C110	20	DB/LB	DEFOGGER RELAY CONTROL
	10				-
	11	C13	18	LB/OR	A/C CLUTCH RELAY CONTROL
	11	C13	20	LB/OR	A/C CLUTCH RELAY CONTROL
	12				-
	13	K344	18	BR/GY	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
	14	Z114	20	BK/LG	GROUND
	14	K173	18	BR/VT	CONDENSER FAN RELAY CONTROL
	14	F102	18	PK/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
	15	F202	20	PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
	15	A16	16	RD/BR	FUSED B(+)
	15	Z1	18	BK	GROUND
	16	T515	20	YL/DB	TRANSMISSION CONTROL RELAY CONTROL
	16	T515	18	YL/DB	TRANSMISSION CONTROL RELAY CONTROL
	17	C16	16	DB/GY	HEATED MIRROR RELAY OUTPUT
	18	C3	20	DB/YL	A/C CLUTCH RELAY OUTPUT
	18	C3	18	DB/YL	A/C CLUTCH RELAY OUTPUT
	19				-
	20				-
	21	C110	20	DB/LB	DEFOGGER RELAY CONTROL
	22	W4	14	BR/OR	WIPER RELAY HIGH SPEED OUTPUT
	22	W4	16		WIPER RELAY HIGH SPEED OUTPUT
	23	F100	18	PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
	23	F100	20	PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
	23				-
	23				-
	24	F201	20	PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN)
	24				-
	25				-
	26	F504	20	GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
	26				-

Connector Cavity# Circuit Gauge Color Function

<p>C6</p> <p>RED FACE / BLACK HOUSING</p>  <p>MAK PART# PLU-E-C6</p> 	1					-	
	2	A400	14	TN/RD		FUSED B(+)	
	3						-
	4	K342	16	BR/WT		AUTO SHUT DOWN RELAY OUTPUT	
	5						-
	6						-
	7	A109	16	OR/RD		FUEL PUMP RELAY OUTPUT	
	8						-
	9						-
	10	A961	14	RD		FUEL HEATER RELAY OUTPUT	
	10	C7	10	DB		BLOWER MOTOR FEED	
	10	C123	16	LB/WT		CONDENSER FAN RELAY OUTPUT	
	11	A960	14	RD		FUSED B(+)	
	11	A16	16	RD/BR		FUSED B(+)	
	11	A970	10	RD		FUSED B(+)	
12	F982	14	PK/YL		FUSED IGNITION SWITCH OUTPUT (RUN-ACC)		
12	F982	12	PK/YL		FUSED IGNITION SWITCH OUTPUT (RUN-ACC)		
13						-	
14	T16	18	YL/OR		TRANSMISSION CONTROL RELAY OUTPUT		
15						-	

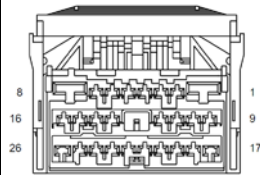
Connector Cavity# Circuit Gauge Color Function

C7


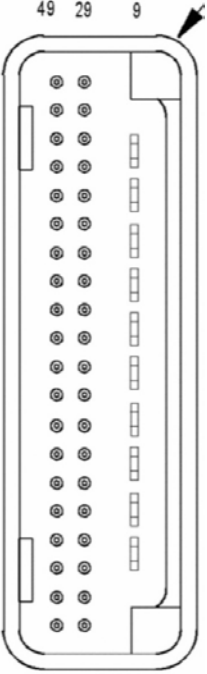
RED FACE/GREY
HOUSING



MAK PART#
PLU-E-C7



1	T750	14	YL/GY	STARTER MOTOR RELAY OUTPUT
1	F922	14	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
2	W3	14	BR/WT	WIPER RELAY LOW SPEED OUTPUT
2	W3	16	BR/WT	WIPER RELAY LOW SPEED OUTPUT
3	F983	20	PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	A930	18	RD	FUSED B(+)
5				-
6	L43	18	WT/DB	LEFT LOW BEAM DRIVER
7	L34	18	WT/GY	RIGHT HIGH BEAM DRIVER
8				-
9	A109	16	OR/RD	FUEL PUMP RELAY OUTPUT
10				-
11	K51	18	BR/WT	ASD RELAY CONTROL
11	K51	20	BR/WT	ASD RELAY CONTROL
12	K127	18	BR/OR	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
13				-
14				-
15	L33	18	WT/LG	LEFT HIGH BEAM DRIVER
16	A72	18	RD/OR	ADJUSTABLE PEDALS RELAY OUTPUT
17	C15	16	DB/WT	REAR WINDOW DEFOGGER RELAY OUTPUT
18				-
19	K31	18	BR	FUEL PUMP RELAY CONTROL
19	K31	20	BR	FUEL PUMP RELAY CONTROL
20	L89	18	WT/YL	FOG LAMP RELAY OUTPUT
21	T751	16	YL	FUSED IGNITION SWITCH OUTPUT (START)
21	F102	18	PK/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
22	L44	18	WT/TN	RIGHT LOW BEAM OUTPUT
23	Z1	18	BK	GROUND
23	T752	20	DG/OR	STARTER RELAY CONTROL
23	T41	20	YL/DB	TRS T41 SENSE
24	A944	20	RD	FUSED B(+)
25	K343	16	BR/YL	FUSED AUTO SHUT DOWN RELAY OUTPUT
26				-

Connector	Cavity#	Circuit	Gauge	Color	Function
<p>FCM</p> <p>Front Control Module</p>  <p>Possible Part#s 56051036 56045434 56049681</p>  <p>INTEGRATED POWER MODULE (FCM)</p>	1	L44	18	WT/TN□	RIGHT LOW BEAM DRIVER
	2	L33	18	WT/LG□	LEFT HIGH BEAM DRIVER
	3				INTERNAL
	4				INTERNAL
	5	W10	20	BR	WASHER PUMP MOTOR SENSE
	6				INTERNAL
	7				INTERNAL
	8	L34	18	WT/GY□	RIGHT HIGH BEAM DRIVER
	9	L43	18	WT/DB□	LEFT LOW BEAM DRIVER
	10				INTERNAL
	11				-
	12	Z117	18	BK/WT	GROUND
	13				-
	14				INTERNAL
	15				INTERNAL
	16				-
	17				INTERNAL
	18				INTERNAL
	19	L62	18	WT/YL	RIGHT REAR TURN LAMP DRIVER
	20				-
	21				-
	22	L1	18	WT/LG□	BACKUP LAMP FEED
	23				-
	24				-
	25				-
	26				-
	27	Z116	18	BK/VT	GROUND
	28	W1	20	BR/TN	WASHER FLUID SWITCH SENSE
	29	G31	20	VT/LG	AAT SIGNAL
	30	Z118	18	BK/YL	GROUND
	31	Z117	18	BK/WT	GROUND
	32				INTERNAL
	33				-
	34				INTERNAL
	35				INTERNAL
	36				-
	37				INTERNAL
	38	D25	20	VT/PK	PCI BUS
	39				-
	40				-
	41	L54	18	WT/LG□	RIGHT STOP LAMP DRIVER
	42	L61	18	WT/LG□	LEFT FRONT TURN LAMP DRIVER
	43	L53	18	DG/WT	LEFT STOP LAMP DRIVER
	44	L63	18	WT/DG	LEFT REAR TURN LAMP DRIVER
	45	L60	18	WT/TN□	RIGHT FRONT TURN LAMP DRIVER
	46	G180	20	VT/YL	SENSOR GROUND
	47	Z118	18	BK/YL	GROUND
	48				INTERNAL
	49	W7	20	BR/GY	WIPER PARK SWITCH SENSE