

ALL THE PARTS YOU NEED

EDITION 2.2

RANGE ROVER

CLASSIC 1970-1995

INCLUDES SERIES 2 RANGE ROVER SUPPLEMENT

**PARTS & ACCESSORIES
CATALOGUE**



BODY STYLING KIT SEE PAGE 78



SERIES 2 SUPPLEMENT SEE PAGE 95



*FOR DISCOVERY, FREELANDER, 90 & 110 PARTS
PLEASE ENQUIRE*



BRITISH MOTOR HERITAGE
APPROVED

RIMMER BROS

INDEPENDENT SUPPLIERS OF ORIGINAL & AFTERMARKET PARTS

SOURCE CODE RRCM2

THE RIMMER BROS SERVICE

WE HAVE THE
PARTS

WE GUARANTEE
THE QUALITY

WE'RE KEEN ON
PRICE

WE DELIVER
FAST

WE KNOW YOUR
CAR



FRONT COVER PHOTO ACKNOWLEDGEMENT
M230 SKY (currently owned by Nick Tuite, R.R.R. Treasurer) is
one of only 126 unique Classic Autobiography Range Rovers
made by Land Rover. 100 were exported worldwide and 26
were retained for the UK market.

HELPING YOU CARE FOR YOUR RANGE ROVER

Rimmer Bros are a well-known and highly respected classic car parts specialist.

Since the early 1980s we have been helping enthusiasts around the world to maintain their classic Triumph cars - Stags, TR6s, TR7s etc - by providing an efficient mail order parts service from catalogues such as this one. Continually striving to expand our range of vehicles, in 1993 we began stocking parts for the Rover SD1. Additionally, as many Range Rover owners will already know, we have been supplying stainless steel exhausts (both standard and sports) since 1984.

This catalogue represents another new direction for Rimmer Bros, albeit a logical one. Range Rover was launched in June 1970, a few days after the Triumph Stag. In addition to the Stag, it was sold alongside the Triumph Spitfire, GT6, Dolomite, TR6, TR7/8 and Rover SD1 - with whom it shared a number of parts. Many people involved in the design, planning and production of the Range Rover, such as Spen King and David Bache, were also involved with the production of Triumphs and Rovers.

The original (now called the Classic) Range Rover enjoyed a 26 year production span (1970-1996); despite the look of the vehicle changing very little in

that time, the fact is that Range Rover was being updated and improved upon on an almost a daily basis, particularly from the early 1980s. This ongoing process of development at Land Rover means that it can sometimes be quite difficult to determine exactly which parts are fitted to your vehicle.

To complicate matters even further, there have been literally dozens of one-offs, special promotional vehicles and limited editions, such as the Monteverdi, CSK and Olympic. Due to the popularity and longevity of the Range Rover, a huge proportion of these vehicles are still in use today.

Our customers are owners, garages and other specialists who are looking for a fast, reliable source of both original and quality aftermarket parts and accessories, predominantly by mail order. We have the latest technology to ensure orders are processed instantly and despatched promptly to wherever you are - UK, Europe or worldwide. You will find we have high levels of customer service, excellent parts availability, competitive pricing, guaranteed quality and expert advice.

With this catalogue, we aim to apply our unique parts service to the Range Rover, to help you to maintain and enhance your vehicle.

THIS CATALOGUE

We have endeavoured to keep the parts listings as comprehensive as possible, whilst concentrating on the items most frequently called for, the prices of which may be found in our separate Price Guide. If, however, the parts you need are not listed, please contact our sales office where our staff will be pleased to check availability and price for you.

Although this catalogue caters for the Classic Range Rover, we have included a supplement

devoted to the new model, introduced in 1994. This section covers mainly service items, such as brakes, exhaust and oil/air filters etc, although components for the 4.0 and 4.6 litre V8 engines are covered in detail within the main V8 Engine section. The reason for this is simple: Range Rovers lend themselves to modification and earlier vehicles can quite easily be updated with later components, particularly engines.

MEMBERS OF BRITISH MOTOR HERITAGE

British Motor Heritage is an organisation committed to the preservation of the cars which have special places in our motoring history. One of the ways in which it pursues this objective is by helping to ensure that replacement parts are available and are of sufficient quality.



BRITISH MOTOR
HERITAGE APPROVED

Stringent standards are necessary to meet the requirements of Heritage approval, and the highest accolade for any company involved with the supply of parts for classic cars is to have Heritage approval.

Rimmer Bros were invited to Heritage membership in 1987.

THE CARS WE SPECIALISE IN



As well as supplying parts for your Range Rover, we are also introducing a catalogue for Discovery and quick reference listings for Freelander, 90 & 110 models. Please request inclusion on our mailing list.

We also concentrate on Triumph TR2, TR3, TR4, TR5, TR6, TR7/8, Stag, Spitfire, GT6, 2000/2500/2.5Pi, Herald, Vitesse, Dolomite, Rover SD1, as well as 4x4 stainless steel exhausts.

**RIMMER
BROS**

UK · WORLDWIDE · THE INDEP



SO WHERE DO WE GET OUR PARTS

Wherever possible we supply original stock from Rover/Land Rover sources - lots of parts are still manufactured. We also offer quality aftermarket parts in certain cases as an alternative to original equipment; often, there can be significant cost savings.



PART NUMBERS

In general, we use Land Rover numbers to identify original equipment (OE) Land Rover Parts. When an alternative to the OE part is offered (Aftermarket) then the part number is identified with a 'P' suffix. There is also similarity with certain Rover and Triumph parts where we list the Rover/Triumph part number.

RA and RX prefixes denote a Rimmer Bros derived part, where no original part number exists.

An 'R' suffix denotes 'reconditioned' (usually sold on an exchange basis).

THE STOCK WE NEED TO GIVE THE SERVICE YOU NEED

Our degree of specialisation means two things.

Firstly, our people know the cars we're dealing with inside and out, and can give you any advice you might need regarding part selection.

Secondly, we are able to stock in depth just about any part you might need. Triumph House is our latest HQ, acquired in 1991. With nearly 50,000 square feet of warehousing alone, it is a cavernous building, and it needs to be! It currently contains more than 100,000 recorded part numbers with over 30,000 stock lines, and we hold as many of each as necessary to make it almost impossible to run out of stock.

All other aspects of our operation receive equal emphasis. A truly efficient mail order and stock control system. The latest racking and storage facilities for fast and accurate "order picking". Careful packaging and despatch procedures.

THE PEOPLE YOU'RE DEALING WITH

This company really is owned by two brothers named Rimmer. Bill and Graham started their business from humble beginnings in the early 1980s, and it has grown to be one of the leading organisations of its kind in the world, supplying parts Worldwide to an ever growing list of customers.

Both Bill and Graham still work full-time in the business, helped now by over 50 members of staff.

The main qualification of membership of our staff is a recognition that our customers, and our company reputation, depend on our ability to get every aspect of our service right first time.



COMMITMENT TO CUSTOMER SERVICE

Helpful - Accurate - Fast - Efficient

The overall objective at Rimmer Bros is to achieve customer satisfaction at all times.

Our people know your car well, and every member of our staff is dedicated in helping to preserve Classic Cars.

Our computer system gives up-to-the minute information regarding availability and the price of any item. We have an enviable reputation for despatching goods when the customer needs it, quickly and efficiently.

We try to make all our systems and documentation easy to follow and use, and make sure that our catalogues and price guides really do help our customers choose the right parts easily, first time.



Errors & Omissions Excepted. All parts offered subject to availability. All part numbers, illustrations and photographs used in this catalogue are intended for reference/identification purposes only, and are not necessarily an exact representation of the goods supplied. Whilst we make every effort to ensure the accuracy of product descriptions in this catalogue, they are based upon information supplied by the manufacturer/distributor at the time of publication. There may be occasions due to circumstances beyond our control - when specifications are changed, or when goods become temporarily unavailable. Certain part numbers have been superseded to an alternative number when a later version or updated specification is offered.

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ENDENT LAND ROVER PARTS SPECIALIST



TELEPHONE NUMBERS

LAND ROVER SALES
01522 543210

GENERAL SALES
01522 568000

(Overseas prefix +44 1522 -----)

FAX NUMBER

SALES
01522 567600

(Overseas +44 1522 567600)

E MAIL & INTERNET

E-Mail
LRsales@rimmerbros.co.uk

Internet
www.rimmerbros.co.uk

ADDRESS DETAILS

Rimmer Bros, Triumph House,
Sleaford Road, Bracebridge Heath,
Lincoln, LN4 2NA, England.

OUR CUSTOMER CARD

*Your Passport to the
Finest Parts Service*



This really is the easy way to order the parts you need.

By quoting your UK home postcode or customer number every time you contact us, allows our staff to instantly confirm your personal details, allowing us to process your order, surcharge refund or query quickly & efficiently saving your time and phone costs.

If your card isn't to hand when you call us, don't worry, our computer system can quickly locate your details.

YOUR CUSTOMER NUMBER

Your customer number appears on every invoice document that you receive. Also, as a customer card holder, you will automatically receive our latest price guide, catalogues and details of any special offers that we may have.

To help us maintain our standards of service & customer records, please inform us if you have moved, changed phone number, vehicle type or you have sold your vehicle, by using the coupon at the rear of the price guide or by informing us next time you call.

The Rimmer Brothers customer card is not a credit, debit or charge card.

Enter your customer number here for easy reference

THIS CATALOGUE & OUR PRICE GUIDE

There are no prices in this catalogue. Use it to select the parts you need, then check their cost by referring to the separate Price Guide which represents the other half of our ordering system. The price guide is updated and reprinted more frequently, but we ask that you confirm all prices when ordering. It may also list additional parts (new lines) that we have introduced since this catalogue was printed, and it has more detailed information about ordering & delivery methods. It also has information on warranties and a 'Trouble Shooter Guide'.

ORDERING BY PHONE

Please quote part numbers and your UK home postcode or customer number where possible. This gives instant access to our computerised records and stock control system. If you have any difficulty in selecting the parts you need, our expert staff can help.

UK Payment for Phone Orders (See also "Overseas Orders & Payment.")

When you have checked on price, availability and delivery costs you can place your order by phone using, Visa, American Express, Diners Club, MasterCard, Switch, Solo, JCB or Delta/Connect. You will merely need to tell us the card number, expiry date (or issue number), cardholder's full name and registered card address.

After Hours Ordering Service

We operate a 24-hour answering/ordering service which is available to card holders out of normal hours for both UK and Overseas customers. Just leave all necessary details on our telephone answering machines, ie; your vehicle type, year, model, the parts and/or the part numbers you require, plus your Rimmer Bros customer number or your name, credit card and address details (as for ORDERING BY PHONE).

Writing out these details before phoning, usually helps a caller to give us clear instructions. If at all possible, please also leave a daytime telephone number.

ORDER BY PHONE

USE YOUR CARD.....

01522 543210

ORDERING BY POST

Triumph House, Sleaford Road, Bracebridge Heath, Lincoln, LN4 2NA, England.
Or use, PO Box 678, Lincoln LN4 2XQ.

We ask you to phone first if at all possible - to check your parts selection, and to advise of delivery charges. Because prices and availability sometimes change, we can also confirm the exact remittance needed avoiding unnecessary delays. If you have not been able to telephone, please give us all possible information - car type/year, RH or LH, front/rear etc - so we can check your selection (including your Rimmer Bros customer number) in all correspondence.

Use our Order Form if you can. It asks specifically for all the details we might need. Please photostat or request additional copies of the order form if required.

UK Payment for Post Orders (See also "Overseas Orders & Payment.")

Send your remittance with the order. The 'Pricing' section in the Price Guide tells you how to calculate the amount.

We accept payment by personal cheque even if the cheque guarantee card limit is exceeded. All we require is your full name and address on the back of the cheque along with your cheque card number and for business cheques, a relevant letterhead. Cheques or P.O.s made out "Rimmer Bros Ltd" please. Note, if you are unsure as to the exact amount to send, you can write across the top of your cheque, "Cheque Value Not To Exceed £...". You can post us your credit card details if you prefer. If you send cash, note that we cannot accept responsibility for any loss, so registered mail is essential. Bank drafts and Building Society cheques are also accepted. For Bank Transfer information see Price Guide.

ORDERING BY FAX

UK CUSTOMERS: 01522 567600 OVERSEAS CUSTOMERS: +44 1522 567600

See also "Overseas Orders & Payment."

Another facility for customers who wish to make enquiries, or order by credit, debit or charge card. Again, we will need your Rimmer Bros customer number, or the credit cardholders full name and registered card address. Plus fullest possible car/parts details - as for orders by post.

ORDERING BY E-MAIL AND THE INTERNET

For Internet surfers our web site holds details on all our parts catalogues and has an on line ordering facility. Use our E-Mail address for sending your order or parts enquiry. State if you require us to confirm prices, as they can sometimes alter at short notice.

www.rimmerbros.co.uk

E-Mail: LRsales@rimmerbros.co.uk

ORDER

COLLECTING IN PERSON

If you wish to 'call and collect', you will always be made welcome at our shop and sales counter during business hours. Our Visitor Information Centre has lots of interesting details of each production model and the factories where they were produced.

Customers drive here regularly from all over the country including Europe. Lincoln is a historic Cathedral city and is an excellent place to visit. We're about 2 miles south of Lincoln on the A15 Lincoln to Sleaford road (see map on back cover). We advise you to pre-check by phone that we have the part/s you want in stock.

We accept payment by credit card, cash, bank draft, travellers cheque, building society cheque, and personal cheque (when presented with a cheque card) even if the cheque card limit is exceeded, and by business cheque with accompanying letterhead. Bring along your customer card or quote the number for a speedy transaction!

PRICING

For full information and details on prices, VAT, & VAT exempt export sales, please refer to the latest Price Guide. Written quotations are available on request, for parts and/or delivery charges. Please confirm all prices when ordering - prices and availability can sometimes change at short notice. Up to date prices can be found on our web site. Our price file is also downloadable.

OVERSEAS ORDERS & PAYMENT

We supply parts to classic car owners Worldwide. We have thousands of customers in Europe and regularly send parts as far afield as Australia, North America, Africa and the Far East. Delivery costs of course, vary greatly (depending on size/weight/urgency). We can quote accurately for the cost of parts and delivery once your requirements are known.

Our Multi-language European Order Forms explain how to order parts in English, Italian, German, Spanish and French.

**WE EXPORT TO THE
EC & WORLDWIDE**

TEL: **+44 1522 543210**
FAX: **+44 1522 567600**
E-MAIL: **LRsales@rimmerbros.co.uk**

Payment By Export Customers:

There is a choice of payment methods for customers overseas;

- A) Credit card, Debit card or Charge card.
- B) Bank cheque - in ££s sterling (Drawn on a London Bank)
- C) Travellers Cheques (signed) - in ££s sterling.
- D) Giro Cheques in ££s sterling.
- E) By Bank Transfer - see Price Guide.

PLEASE NOTE THAT ALL TRANSACTIONS MUST BE IN ££s STERLING.

PLEASE QUOTE YOUR RIMMER BROS CUSTOMER NUMBER IN ALL CORRESPONDENCE WHERE POSSIBLE.

CHOICE OF DELIVERY METHODS

(For Further Information/Cost Details, Please Refer to Price Guide)

UNITED KINGDOM

There are numerous delivery options for the UK mainland ranging from Post (first class or parcel post) to overnight carrier services. We can advise of the best method of despatch when you telephone. The type of service that we recommend depends upon the size, weight and urgency of the parts you require.

Our price guide indicates the approximate costs, and we will confirm the final invoice total at the end of the call if required.

WORLDWIDE (NON EC COUNTRIES)

We started exporting parts Worldwide in 1982, and since then we have gained an excellent reputation for our speed & efficiency of service.

Delivery costs are based on size, weight, and method of delivery. We have discounted rates with well known carriers, so costs are kept to a minimum. Send us a list of the parts you need (using post, phone, fax or E-Mail), tell us quantities and urgency, and we will work out the best delivery method and quickly advise you of the cost.

Written quotations are available on request.

EC COUNTRIES

The European Community Single Market permits the free movement of goods between all EC countries. This allows us to provide a superb service to all our customers within the EC, with the benefits of improved delivery - via lower charges and easier documentation. Deliveries can be easily arranged using air or surface transport. Our Price Guide indicates approximate costs.

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VEHICLE PRODUCTION & SPECIFICATION SUMMARY

2-Door V8 Carburettor

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	June 1970 to Nov 1986
Chassis Number Prefixes;	
up to 1979	355, 356, 358
1979 onwards	SALLHABV1AA
Engine Number Prefixes	355, 341, 359, 398
Choice of transmission	4sp man only

BODY DIMENSIONS & WEIGHT

Length	4478mm (176.3")
Width	2080mm (81.8")
Wheelbase	2540mm (100")
Kerb Weight	1723kg (3800lb)

PERFORMANCE

Engine Capacity	3528cc
Power (bhp @ rpm)	132 @ 5000
Torque (lb/ft @ rpm)	186 @ 2500
Top Speed (mph)	95
Acceleration (0-60mph)	14 secs
Ave Fuel Consumption (mpg)	15mpg

4-Door V8 Efi (3.5 litre)

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	Oct 1985 to Oct 1989
Chassis Number Prefix	SALLHAML
Engine Number Prefixes	22D, 23D, 24D & 25D & 31D
Choice of transmission	5sp man or 4sp auto

BODY DIMENSIONS & WEIGHT

Length	4478mm (176.3")
Width	2080mm (81.8")
Wheelbase	2540mm (100")
Kerb Weight	2070kg (4554lb)

PERFORMANCE

Engine Capacity	3528cc
Power (bhp @ rpm)	165 @ 4000
Torque (lb/ft @ rpm)	206 @ 3200
Top Speed (mph)	102
Acceleration (0-60mph)	12 secs
Ave Fuel Consumption (mpg)	17mpg

4-Door Turbo D (2400TD)

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	April 1986 to Oct 1989
Chassis Number Prefix	SALLHAME
Engine Number Prefixes	11A
Choice of transmission	5sp manual only

BODY DIMENSIONS & WEIGHT

Length	4676mm (184.1")
Width	2080mm (81.8")
Wheelbase	2540mm (100")
Kerb Weight	2110kg (4642lb)

PERFORMANCE

Engine Capacity	2393cc
Power (bhp @ rpm)	112 @ 4200
Torque (lb/ft @ rpm)	183 @ 2400
Top Speed (mph)	92
Acceleration (0-60mph)	16.5 secs
Ave Fuel Consumption (mpg)	24mpg

4-Door V8 Carburettor

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	July 1981 to Nov 1986
Chassis Number Prefix	SALLHAMV
Engine Number Prefixes	11D, 13D, 15D, 17D, 18D, 26D, 27D, 28D, 29D & 30D
Choice of transmission	4 or 5sp man, 3 or 4sp auto

BODY DIMENSIONS & WEIGHT

Length	4478mm (176.3")
Width	2080mm (81.8")
Wheelbase	2540mm (100")
Kerb Weight	2070kg (4554lb)

PERFORMANCE

Engine Capacity	3528cc
Power (bhp @ rpm)	132 @ 5000
Torque (lb/ft @ rpm)	186 @ 2500
Top Speed (mph)	95
Acceleration (0-60mph)	14 secs
Ave Fuel Consumption (mpg)	15mpg

4-Door V8 Efi (3.9 litre)

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	Oct 1989 to Feb 1996
Chassis Number Prefix	SALLHAMM
Engine Number Prefixes	35D, 36D, 37D & 38D
Choice of transmission	5sp man or 4sp auto

BODY DIMENSIONS & WEIGHT

Length	4478mm (176.3")
Width	2080mm (81.8")
Wheelbase	2540mm (100")
Kerb Weight	2070kg (4554lb)

PERFORMANCE

Engine Capacity	3948cc
Power (bhp @ rpm)	188 @ 4750
Torque (lb/ft @ rpm)	231 @ 2600
Top Speed (mph)	110
Acceleration (0-60mph)	11 secs
Ave Fuel Consumption (mpg)	18mpg

4-Door Turbo D (2500TD)

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	Oct 1989 to Nov 1992
Chassis Number Prefix	SALLHAMN
Engine Number Prefixes	95A
Choice of transmission	5sp man only

BODY DIMENSIONS & WEIGHT

Length	4478mm (176.3")
Width	2080mm (81.8")
Wheelbase	2540mm (100")
Kerb Weight	2110kg (4642lb)

PERFORMANCE

Engine Capacity	2499cc
Power (bhp @ rpm)	119 @ 4200
Torque (lb/ft @ rpm)	209 @ 1950
Top Speed (mph)	95
Acceleration (0-60mph)	15.8 secs
Ave Fuel Consumption (mpg)	28mpg

4-Door V8 LSE (4.2 litre)

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	Oct 1992 to Feb 1996
Chassis Number Prefix	SALLHBM3
Engine Number Prefixes	40D
Choice of transmission	4sp auto only

BODY DIMENSIONS & WEIGHT

Length	4676mm (184.1")
Width	2080mm (81.8")
Wheelbase	2743mm (108")
Kerb Weight	2185kg (4807lb)

PERFORMANCE

Engine Capacity	4274cc
Power (bhp @ rpm)	200 @ 4750
Torque (lb/ft @ rpm)	250 @ 3250
Top Speed (mph)	110
Acceleration (0-60mph)	11 secs
Ave Fuel Consumption (mpg)	18mpg

4-Door Tdi (200/300Tdi)

UK SPECIFICATION VEHICLES

PRODUCTION INFORMATION

Period of Manufacture	Nov 1992 to Feb 1996
Chassis Number Prefix	SALLHAMF
Engine Number Prefixes	12L, 17L, 18L, 19L, 20L, 21L, 22L
Choice of transmission	5sp man or 4sp auto (300Tdi only)

BODY DIMENSIONS & WEIGHT

Length	4478mm (176.3")
Width	2080mm (81.8")
Wheelbase	2540mm (100")
Kerb Weight	2110kg (4642lb)

PERFORMANCE

Engine Capacity	2495cc
Power (bhp @ rpm)	111 @ 4000
Torque (lb/ft @ rpm)	195 @ 1800
Top Speed (mph)	94
Acceleration (0-60mph)	16.8 secs
Ave Fuel Consumption (mpg)	28mpg

VEHICLE IDENTIFICATION

To ensure the parts you are ordering are correct for your vehicle, it is necessary to know exactly when the vehicle was manufactured. Although the vehicle's registration document will tell you when it was first registered, there may have been some delay between manufacture and first registration. The most accurate way to determine your Range Rover's age, along with information relating to its specification, is by the chassis number. Note: the new model year begins in October. For example, the 1980 model year begins in October 1979.

1969-Sept 1979 Vehicles

There were three chassis number prefixes for all vehicles built between 1969 and September 1979, depending on the vehicle's specification. These are as follows:

- 35500001 for UK market right hand drive cars.
- 35600001 for export right hand drive cars.
- 35800001 for export left hand drive cars.

October 1979 to May 1984 Vehicles

From October 1979, a new VIN system was introduced, giving much more information about the vehicle, such as the engine type, steering and transmission type and manufacturing plant. (See **Vehicle Production & Specification Summary Tables**, previously).

June 1984 onwards

From June 1984, the chassis numbering system continues as previously but now the last-but-one letter of the chassis number indicates the year of manufacture, as follows:

October 1979 to May 1984	AA000001
1984/5 model year (June 1984 to September 1985)	BA000001
1986 model year (October 1985 to September 1986)	CA000001
1987 model year (October 1986 to September 1987)	DA000001
1988 model year (October 1987 to September 1988)	EA000001
1989 model year (October 1988 to September 1989)	FA000001
1990 model year (October 1989 to September 1990)	GA000001
1991 model year (October 1990 to September 1991)	HA000001
1992 model year (October 1991 to September 1992)	JA000001
1993 model year (October 1992 to September 1993)	KA000001
1994 model year (October 1993 to September 1994)	LA000001
1995 model year (October 1994 to September 1995)	MA000001

YOUR VEHICLE DETAILS

ENTER YOUR VEHICLE DETAILS HERE FOR EASY REFERENCE

Model (Vogue, Tdi etc): _____

Year of Manufacture: _____

VIN/Chassis number: _____

Engine Type/Size: _____

Engine Number: _____

Gearbox Type (Man, auto): _____

Gearbox Number: _____

Transfer Box Type (LT230, BW): _____

Transfer Box Number: _____

Front Axle Number: _____

Rear Axle Number: _____

Suspension Type (Coil Springs, ECAS): _____

ABS or non-ABS: _____



Four cars *in one*



The Leisure Industry

The Range Rover should be regarded as something of a phenomenon. It was launched within a few days of the Triumph Stag, a handsome and practical four-seater convertible that many would consider possessed the attributes of the ultimate car: striking good looks, independent suspension, powerful V8 engine, built-in desirability; yet the Range Rover has outlived the production span of the Stag by decades.

The idea of Range Rover - a vehicle combining the go-anywhere nature of a Land Rover with a luxury family car - was born in the mid-sixties, prompted by a growth in what was becoming known as the 'leisure industry'. Rover had already been toying with the idea of a high-power Land Rover, to appeal to a wider market. To these new buyers, however, whilst the principle of the traditional Land Rover was fine, in reality it was simply too utilitarian. The harsh ride, low power and basic interior were perfect for the military, or for use on farms, but would never appeal to suburbanites or holidaymakers. Furthermore, in the USA there was already a flourishing market for recreational vehicles, which was being catered for by the Jeep Utility Wagon, Ford Bronco and later, the Chevrolet Blazer. Rover, of course, were aware of this; they had sent marketing specialist Graham Bannock over there to investigate future markets. He had spotted the potential for the recreational vehicle, and wasted no time in recommending that Rover produce such a car, incorporating their passenger saloon knowledge with Land Rover's established four-wheel drive expertise. Bannock's observations were passed on to the New Vehicles Projects team, headed by Spen King, and by early 1966 King and designer Gordon Bashford had come up with some rough sketches.

Interestingly, the Land Rover design team was not involved at this early stage. This fact is significant, because it was now that the elements of Range Rover, which were to remain essentially unaltered, would be formed. Had the Land Rover team been responsible for the initial design, then it is likely that coil-spring suspension, disc brakes and possibly even the V8 engine would not have been incorporated, as it was traditionally felt that low power and leaf springs were necessary for the vehicle's preservation off road. As it was, King had his own ideas: he had long been of the opinion that the best ride characteristics and the best axle articulation would come from coil springs. As for the choice of engine, this was another piece of the jigsaw that seemed to fall into place: Rover had recently acquired manufacturing rights to the General Motors light alloy V8 engine - now known as the Rover V8. Its power and torque were superior to the next obvious choice - the straight six Rover saloon engine - and it was also shorter and considerably lighter.

Configuration

It was logical that certain aspects of Range Rover's design would draw on proven elements of existing Land Rover technology. Thus, the vehicle was based upon an extremely strong box-section ladder-frame chassis, onto which body panels of lightweight aluminium were bolted (in fact, the body panels were bolted to a rigid steel framework, for superior crash strength). Also taken from existing Land Rovers were the solid beam axles, long considered indispensable on a serious off-roader. Initially, the transmission, too, was to follow established Land Rover practice, meaning that Range Rover would have part-time, selectable four-wheel drive. However, worries concerning the ability of the rear axle to cope with the V8 engine's considerable torque output eventually led to the development of a full-time four-wheel drive system for the new vehicle. The transfer gearbox of other Land Rovers was retained, allowing the choice of high or low gears, but now incorporating a centre differential, which could be locked in either gear range. The result was a far more sophisticated system than existing Land Rover vehicles could boast, and one that was more effective both on and off road, too.

The Range Rover's wheelbase of 100 inches was somewhere between the contemporary SWB Land Rover's 88 inches and the LWB's 109 inches, giving the best compromise between carrying capacity and ramp angle (or belly clearance). The styling, though by now well developed, was completed by David Bache and it was in this form, and amazingly similar to the eventual production vehicles, that the first prototype - bearing 'VELAR' name badges - was used on public roads. The Rover Board gave the go-ahead in 1967, with production due to start by December 1969.

Looking at the vehicle's specification on paper, and with the benefit of hindsight, it seems almost a foregone conclusion that it would become a huge success:

- Separate ladder-frame chassis
- Rigid steel body frame
- Un-stressed aluminium body panels, for light weight and corrosion resistance
- Permanent four-wheel drive
- Choice of high or low transfer gears, with centre diff-lock
- Long travel coil spring suspension
- Boge Hydromat self-levelling unit at the rear
- Servo-assisted disc brakes all round
- High performance twin-carb V8 engine, capable of running on low octane fuel

Such a specification would generate interest if it were announced for a new car today. Remember, however, that in the late 1960s this was a completely new type of vehicle and no one could be absolutely certain how it would be received. Indeed, before production had even started there were questions concerning the fact that it was only to be available as a two-door. Perhaps most interestingly of all, Rover's Sales Department predicted just an eight-year production span for Range Rover.

Evolution

Paradoxically, though its basic ingredients (and indeed, its silhouette) were to remain essentially unchanged, the Range Rover's remarkable longevity is also due to the way it evolved. From its launch in June 1970, the new vehicle was a resounding success, with demand outstripping supply. Power from the 3.5 litre V8 was 135bhp, with 185lb/ft of torque at 2500rpm. Top speed was said to be in the region of 95mph, with 0-60 taking about 14 seconds.

Yet there was room for improvement. Unfortunately, however, in the Range Rover's early years, when Rover Triumph (now combined) had become part of British Leyland, profits from successful vehicles were used to fund less successful ones, with the result that funds were not available for the new vehicle's development. By the late 70s, things began to pick up and Range Rover started to receive the attention it deserved. Changes to the vehicle centred on its levels of refinement and luxury: new upholstery, power steering and tinted glass became standard and integrated air conditioning was available as an option. Range Rover had already outlived its predicted eight-year life span and sales were stronger than ever. Nevertheless, despite ongoing developments, Range Rover was by no means perfect. Market research had shown that what customers really wanted was a four-door version, and for some time a number of conversion specialists had been attempting to satisfy this demand. Finally, in July 1981, the factory-built four-door Range Rover was announced. (As if they had needed any more convincing, Land Rover had tested the market for a four-door version the year before with the Monteverdi, a two-door converted by the Swiss coachbuilders of the same name, and available in very limited numbers).

From its introduction, sales of the four-door eclipsed the two-door version, which nevertheless remained available until 1994. As a consequence, the specification for four-door models was always superior to that of the two-door: it became available with automatic transmission during 1982. Ironically, an automatic gearbox had been proposed for the vehicle back in the 60s but, once again, it was a proliferation of after-market conversions that prompted Land Rover to follow suit. Nonetheless, the new transmission was a great success, giving rise to the first of the limited edition variants, the Range Rover In Vogue Automatic Special Edition, featuring new paint finishes, three-spoke alloys, wooden door cappings and a cool-box. Neither the performance nor the fuel consumption of the auto was appreciably worse than the manual, but the improvements it gave to smoothness and refinement were noticeable.

At this time, the Range Rover was selling alongside the Rover SD1 saloon and it made sense for the two vehicles to share certain components. High compression pistons, as featured in the saloon, were now being used in the Range Rover's V8 engine, along with the same cylinder heads. The next logical improvement for Range Rover was to drop the noisy and agricultural four-speed manual in favour of a five speed. The obvious choice was the SD1's tried and tested LT77 unit (also fitted to the TR7, amongst others). The five-speed Range Rover was announced in July 1983, replacing the four-speed and contributing to a slight improvement in fuel economy - always something of an issue for Range Rover owners. Once again, the new transmission was promoted with a special edition In Vogue model.



Going up-market

Throughout the 80s, the Range Rover moved steadily up-market. The In Vogue promotional vehicles had been surprisingly popular. So much so, in fact, that Land Rover decided to produce a permanently available luxury model, the Range Rover Vogue. Meanwhile, competition from other manufacturers

- mainly Japan - forced Land Rover to work harder at improving the quality and specification of their vehicles. One of the main reasons for pushing Range Rover even further into the luxury sector, however, was to make room for the imminent arrival of Discovery, which was intended to entice back the buyers of mid-price leisure vehicles who had strayed away from Land Rover. So successful was the leisure vehicle by now, that the makers of Range Rover found themselves competing to stay ahead in a market which they had created.

New for October 1985 was electronic fuel injection for the V8 engine. This was the same EFI system as fitted to the SD1 Vitesse and Vanden Plas EFI, albeit re-mapped for a more suitable torque curve. The fuel injection engines were more powerful and more fuel efficient than the carb versions, giving better performance with no fuel consumption penalty. A four-door EFI model was now producing 165bhp and 206lb/ft of torque and, with automatic transmission, could manage 102mph and 0-60 in 12 seconds or less. Average fuel consumption was quoted as being 17mpg. For the European market, however, the V8 was considered too thirsty. Land Rover were aware of this, and in April 1986 they announced the first engine option since the Range Rover's introduction: the 2.4 turbo diesel model. The choice of engine was simple: an intercooled version of the VM 2400 turbo diesel engine already fitted to the SD1 2400TD. This engine produced 112bhp and 183lb/ft of torque at 2400rpm.

By 1986, Land Rover were looking to launch Range Rover in America (the market which had originally inspired the vehicle). Various minor modifications were made to tidy the vehicle's appearance, including a facelift to the grille. Market research had told Land Rover that American buyers would have different requirements to those of the Europeans; for a start, Americans had no interest in diesel engines; secondly, they preferred higher equipment levels. To satisfy the American buyers, Land Rover came up with the Vogue SE: the most luxurious Range Rover to date. Introduced in the spring of 1988, the SE boasted metallic paint with matching alloys, wood trim, electrically adjustable leather seats, air conditioning and an electric sunroof. (So well received was the new special edition, that Land Rover decided to retain it in the vehicle line-up). Following on from the success of the Vogue SE, the next big news for Range Rover in the USA was an increase in capacity for the V8 engine, from 3.5 to 3.9 litres. Predictably, the following year, the 3.9 replaced the 3.5 engine altogether. For the UK market the 3.9 litre engine, with 188bhp and 235lb/ft of torque, could propel the Range Rover to 110mph and 0-60 in 11 seconds. At the same time, average fuel consumption was now up to 18mpg.

For the European market, a longer stroke version of the VM turbo diesel engine was introduced, to coincide with the V8's size increase in 1989. Shortly after this, diesel-buyers were rewarded with a new up-market model, the Vogue Turbo D, which featured all the refinements of the regular Vogue models, with the exception of the automatic transmission. (Diesel Range Rovers would not be offered with an auto option until 1994). 2.5TD models could reach 95mph and 0-60 in 15.8 seconds, while returning an average 24mpg.



Refinements

By the early 1990s, the Range Rover had firmly established itself at the top of the luxury four-wheel drive tree. As many refinements were now being made to the vehicle in a typical year as had been made during the whole of the first decade of production: chain-driven transfer box with automatic diff-lock, anti-lock brakes, heated windscreen, front and rear anti-roll bars, heated door locks, cruise control, heated seats and so on. With over 20 years of Range Rover production behind them, Land Rover had been able to attend to virtually every one of its short-comings, giving the luxury vehicle buyer (for whom the vehicle was now unashamedly intended) exactly what he or she wanted. However, as mentioned earlier, the Range Rover's basic silhouette and wheelbase had never changed: the 100inch wheelbase, coupled to long coil spring travel, endowed the vehicle with good off-road ability. Paradoxically, by the very nature of Range Rover, hardly anyone ever ventured off road in it. At the same time, Range Rover's rear legroom was coming under criticism; it was certainly not as good as some of the long wheelbase limousines from Mercedes and Jaguar (in a similar price bracket), and couldn't be improved upon within the existing shell. So, in October 1992, Land Rover announced the Vogue LSE: a 108 inch wheelbase version of the four-door Range Rover.

In addition to the extra eight inches of rear legroom, the vehicle boasted a new air-spring suspension system (introduced simultaneously on standard SE models), featuring five different height settings for various situations, including high-speed cruising, off-road driving and loading/unloading. The new suspension system was designed to actually raise the vehicle's chassis if grounding should occur. Thus, Range Rover's class-leading off-road prowess was maintained. The icing on the cake, for the long wheelbase models, was a new 4.2 litre, 200bhp version of the V8 engine. This time the extra capacity had been achieved by lengthening the stroke of the 3.9 engine. Top speed and acceleration were quoted as similar to a standard wheelbase 3.9 vehicle, despite the extra weight of the LSE.

What no one outside Land Rover knew, at that time, was that the LSE was also being used as a guinea-pig to test certain components - such as the air suspension - for an all new Range Rover, which was already well into the planning stages. The New Range Rover was to be an out-and-out luxury vehicle, with a wheelbase of 108 inches, air suspension, ABS and traction control etc. All of these complex electronic systems would have to be tried and tested before the vehicle could go into production.

Nevertheless, the New Range Rover was still two years away, and there was plenty of life left in the old model yet. To prove it, the diesel-powered Range Rovers were fitted with Land Rover's own 200TDi engine from 1993, which was itself replaced by the 300TDi from 1994. (Performance was no better than the VM diesel vehicles, but fuel

economy was considerably improved, at around 28mpg). At the same time, the Range Rover received a last-minute interior face-lift, consisting of a completely redesigned dash, which would enable the fitting of air-bags. In this form, production of what had now come to be known as the Range Rover Classic continued, overlapping the New Range Rover. Production of the Classic Range Rover ceased in February 1996, 26 years after its introduction.

New Arrival

The New Range Rover was launched on September 29th 1994. Following on from its predecessor, it was bound to be a success, not least because it was the product of extensive market research into what existing Range Rover owners would like to see in a new model. Essentially, the New Range Rover is the Classic model refined, rather than redesigned. Its basic configuration is familiar:

- Separate ladder-frame chassis
- Rigid steel body frame
- Un-stressed aluminium body panels, for light weight and corrosion resistance
- Permanent four-wheel drive
- Choice of high or low transfer gears, with centre diff-lock
- Electronically controlled air suspension
- ABS, disc brakes all round

Furthermore, in order to retain a sense of continuity, the New Range Rover features certain styling hallmarks (deemed essential by existing owners) from its predecessor. These include the horizontally split tailgate, castellated front corners to the bonnet, and the distinctive E-pillar of the Classic. Interior space is a major improvement over the old vehicle, with more head, shoulder and legroom for front passengers, a larger rear seat compartment and 50 per cent more luggage space. As before, there is only one type of petrol engine for the New Range Rover: the faithful V8. This has now been more extensively reworked than ever before, with all-new crankshaft, con rods and pistons, stronger block with cross-bolted main bearing caps, improved cylinder heads and new camshaft profiles. Shorter in length than previous versions, due to a redesigned front cover, incorporating a new crank-driven oil pump and single multi-vee belt to drive the ancillary components, the latest version of the engine also features a new fuel management system. This all adds up to 225bhp and 277lb/ft of torque for the 4.6 litre version, allowing a 125mph top speed and 0-60 in 9.3 seconds.

Diesel versions of the New Range Rover are fitted with BMW's 2.5 litre, six cylinder turbocharged and intercooled engine, producing 134bhp and 199lb/ft of torque. Performance of the latest diesel vehicles is almost the same as the very first petrol Range Rovers, with a 105mph top speed and 0-60 time of 13.3 seconds.

Comparing the latest Range Rover with a Rover advertisement from 1970, which promoted the new vehicle as four cars in one - a luxury car, performance car, estate car and cross-country car - it clearly still conforms to its original objective: to be the ultimate all-rounder. This, perhaps, explains the phenomenal success story of Range Rover.



RANGE ROVER POPULAR PARTS

This section will help you find the parts which are most frequently called for: filters, gaskets, seals, service items etc.

If you are unsure, you will find each part listed again under its appropriate section, or you can refer to the parts index on page 103.

We also have a full range of Accessories on page 78 that includes polishes, anti-corrosion products, general workshop consumables, tools and workshop manuals, as well as Kenlowe electric fans and engine HotStart kits.

Service Items

Oil filter;			
V8			
early models	(1)	RTC3186	
<i>Engine nos: 341,355 & 359.</i>			
all other models	(1)	ERR3340	
<i>Including Series 2 Range Rover.</i>			
diesel			
2400/2500Tdi	(1)	AEU2218	
200/300Tdi	(1)	ERR3340	
Sump plug washer - V8			
all Classic models	(1)	213961	
Series 2 Range Rover	(1)	UAM2857	
Air filter (standard);			
<i>See also K & N Filters (Fuel system)</i>			
V8			
carburettor;			
all except Australia	(2)	605191	
Australia only	(2)	GFE1124	
Efi;			
up to 1994 (VIN LA)	(1)	RTC4683	
<i>Cylindrical.</i>			
1995 (VIN MA) onwards	(1)	ESR1445	
<i>Square.</i>			
diesel;			
2400/2500TD	(1)	NTC1435	
200Tdi	(1)	ESR1049	
300Tdi	(1)	ESR1445	
Fuel filter - V8 carburettor;			
up to approx' 1986	(1)	90577508	
approx' 1986 onwards	(1)	NRC9786	
Element & seal - filter	(1)	JS660	
<i>All models.</i>			
Seal - bowl retaining bolt (all models);			
outer	(1)	606207	
inner	(1)	AEU1147	
Fuel filter - V8 Efi;			
up to 1990 (VIN GA)	(1)	GFE7001	
<i>Push-on connector type.</i>			
1991 (VIN HA) onwards	(1)	ESR4065	
<i>Screw-on connector type.</i>			
'O'-ring - pipe to filter	(2)	ESR259	
<i>Models from 1992 onwards.</i>			
Fuel filter element & seal - diesel;			
<i>All models.</i>			
non heated	(1)	AEU2147	
heated	(1)	RTC5938	
Breather filter - Efi models	(1)	ERC3209A	
<i>Rear of LH rocker cover.</i>			
Cap - breather filter (Efi)	(1)	ERC3208A	

AIR FILTERS



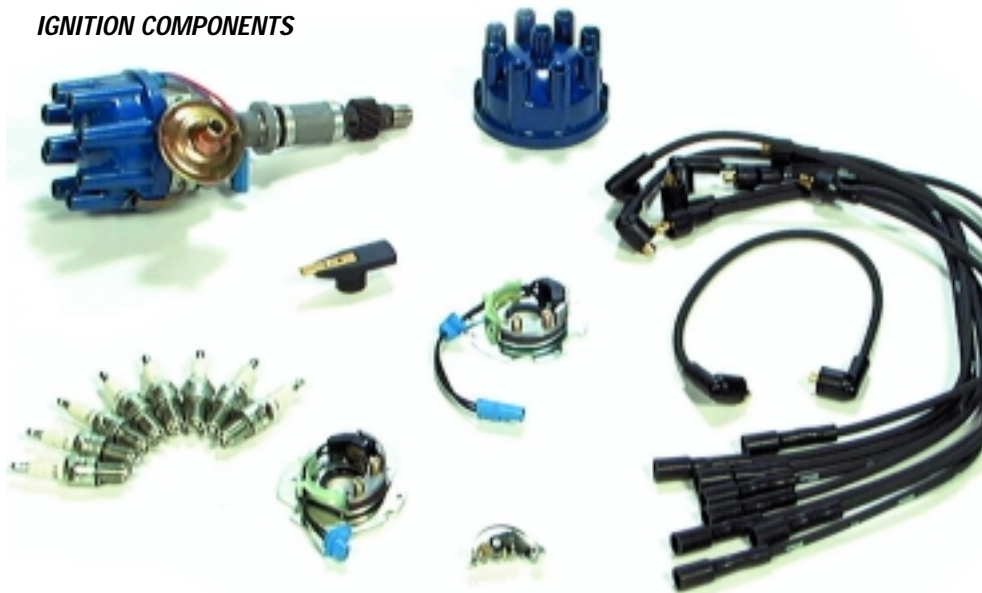
PAS reservoir filter;			
early - with dipstick	(1)	601444	
with oil level label	(1)	RTC3058	
Distributor cap - V8			
original	(1)	GDC117P	
Mallory	(1)	RB7469	
Rotor arm - V8;			
original	(1)	GRA117P	
Mallory	(1)	RB7472	
Points - V8;			
1970 to Sept 1977	(1)	RTC6623	
Oct 1977 onwards	(1)	GCS2117	
Mallory	(2)	RB7470	
Condenser - V8;			
original	(1)	RTC3472	
Mallory	(1)	RB7471	
Pick-up & baseplate - electronic distributor;			
carb engines	(1)	RTC3198	
Efi engines			
3.5 litre with 35DM8	(1)	RTC3198	
3.5 litre with 35DLM8	(1)	RTC5090	
all 3.9 & 4.2 litre	(1)	RTC5090	
Spark plug - V8;			
3.5 litre			
1970 to 1977	(8)	GSP4376	
1978 onwards	(8)	GSP4362	
3.9 litre			
9.35:1cr non catalyst	(8)	GSP4362	
8.13:1cr & catalyst engines	(8)	GSP4382	
4.2 litre (<i>double core</i>)	(8)	GSP6462	
Plug lead set - V8;			
original	(1)	RTC6551	
performance (silicone)	(1)	GHT1825	

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IGNITION COMPONENTS



Drivebelts

Water pump drive belt;		
V8 - 1970 to 1985 (VIN BA)		
non air con	(1)	613602
with air con	(1)	614670
V8 1986 onwards (carb & Efi)		
up to 1994 (v-belt)	(1)	611612
1994 onwards (serpentine belt)		
non air con	(1)	ERR4461
with air con	(1)	ERR4623
diesel		
2400TD		
rhd	(1)	ETC9002
lhd	(1)	ETC9019
2500TD		
rhd	(1)	ERR416
lhd	(1)	ERR914
200Tdi	(1)	ERR810
300Tdi	(1)	ERR3287
Alternator drive belt;		
V8 - carb		
non air con	(1)	613602
with air con	(1)	614794
V8 - Efi		
1986 to 1992 (VIN JA)	(1)	ERR2073
1993 (VIN KA) onwards	(1)	ERR2678
diesel		
2400TD		
rhd	(1)	ETC9002
lhd	(1)	ETC9019
2500TD		
rhd	(1)	ERR416
lhd	(1)	ERR914
200Tdi	(1)	ETC7469
300Tdi	(1)	ERR3287
Steering pump drivebelt;		
V8		
1970 to 1994	(1)	ERC675
<i>With separate belt for p.a.s.</i>		
1995 onwards		
<i>With serpentine drivebelt.</i>		
non air con	(1)	ERR4461
with air con	(1)	ERR4623
diesel		
2400TD		
(1)		ETC9080
2500TD		
(1)		ETC9101
200Tdi		
(1)		ERR810
300Tdi		
(1)		ERR3287
Air con compressor drivebelt;		
V8		
up to 1994	(1)	611612
<i>With separate drivebelt.</i>		
1995 onwards	(1)	ERR4623
<i>With serpentine drivebelt.</i>		
diesel		
2400/2500TD		
(1)		ETC9009
200Tdi		
(1)		ETC9009
300Tdi		
(1)		ERR2215
Idler pulley belt - V8		
Up to Oct 1985.	(1)	ERC675
Air pump drivebelt - detoxed V8		
(1)		RTC3267
Timing belt - 200 & 300Tdi;		
200Tdi	(1)	ETC8550
300Tdi	(1)	ERR1092



DRIVEBELTS

Cables

Accelerator cable - V8 carburettor;		
rhd -		
4-sp manual	(1)	566426
5-sp manual	(1)	NRC8388
automatic	(1)	NTC3083
Australia only	(1)	NRC2191
lhd -		
manual	(1)	577356
automatic	(1)	NTC3084
Accelerator cable - V8 Efi;		
up to VIN FA (1989)		
rhd (3.5 & 3.9)	(1)	NTC1054
lhd		
3.5	(1)	NTC4842
3.9	(1)	NTC6723
from VIN GA (1990) onwards		
rhd (3.9 & 4.2)	(1)	ANR5328
lhd		
3.5	(1)	NTC7198
3.9 & 4.2	(1)	ANR5327
Accelerator Cable - 2400/2500TD;		
up to VIN FA (1989)		
rhd	(1)	NTC1461
lhd	(1)	NTC1460
VIN GA (1990) onwards		
rhd	(1)	NTC7830
lhd	(1)	NTC7189
Accelerator Cable - 200 Tdi;		
rhd		
to VIN KA628559 (1993)	(1)	ANR1860
VIN KA628560 onwards	(1)	ANR3592
lhd - all models	(1)	ANR3606
Choke cable - V8;		
Stromberg carbs		
rhd	(1)	NRC9094
lhd	(1)	NRC9095
SU carbs - rhd & lhd	(1)	NTC3690
Bonnet release cable;		
1970 up to 1986 (VIN CA)	(1)	630573
1987 to 1994 (VIN LA)	(1)	MWC2287
1995 (VIN MA) onwards	(1)	MXC6324
Speedo cable - 1970 to 1984;		
<i>Vehicles with circular instruments.</i>		
rhd - man & auto	(1)	579165
lhd - man	(1)	579166
- auto	(1)	PRC3965
Speedo cable - 1985 onwards - 2-piece;		
<i>Vehicles with rectangular instruments.</i>		
instrument end - all models	(1)	PRC5568
gearbox end		
rhd	(1)	PRC5564
lhd	(1)	PRC5565
Speedo cable - 1985 onwards - 1-piece;		
<i>Vehicles with rectangular instruments.</i>		
rhd - manual & auto	(1)	PRC6017
lhd - manual & auto	(1)	PRC6018
Speedo cable - 1989 onwards - electronic;		
transducer to instruments	(1)	PRC6278
<i>Not fitted after 1992.</i>		
gearbox to transducer -		
3.5 V8 & 2400TD	(1)	PRC6320
3.9 V8 & 2500TD	(1)	PRC7949
4.2 V8 & Tdi - rhd	(1)	PRC7949
Tdi - lhd	(1)	PRC6018



CABLES

Handbrake Cable

Handbrake cables were not fitted to rhd Range Rovers prior to 1986 (VIN CA); these vehicles had direct-acting handbrake linkages instead.

Lhd vehicles with automatic transmission were fitted with handbrake cables from 1982 onwards.

Handbrake cable - 1982 to 1988 (VIN EA);

1982 to 1986 - lhd, auto (1) NRC8096

1986 (VIN CA) up to VIN CA265468

rhd (1) NRC5088

lhd (1) NRC5089

VIN CA265469 to 1988 (VIN EA)(1) NTC9400

All models.

Handbrake cable - 1989 (VIN FA) onwards;

V8 models

up to eng. no. -D22144A (1) NTC6125

eng. no. -D22145A onwards(1) STC1528

diesel models -

up to 1994 (VIN LA) (1) NTC6125

from 1995 (VIN MA) onwards(1) STC1528



BRAKE SHOES -
HANDBRAKE

Transmission Brake Shoes

Brake shoe set (Pair);

4-sp manual (1) STC2880

LT230R/LT230T (1) STC2990

Borg Warner -

horizontally mounted shoes (1) STC965

Shoes top & bottom.

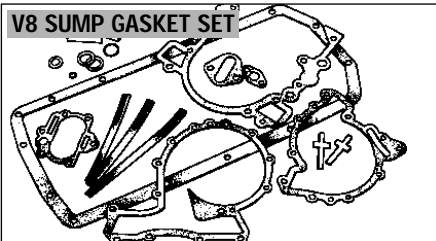
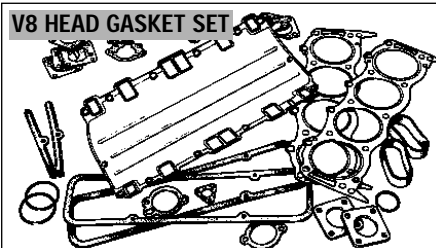
vertically mounted shoes (1) STC1525

Shoes left & right. Approx. 1992 onwards.

HELP US TO HELP YOU

If you are not sure which part/part number you require, to help ensure you receive the correct component, wherever possible please quote:

MODEL, YEAR, CHASSIS AND/OR ENGINE NUMBER PLUS ANY COMPONENT INFORMATION.



Gaskets & Oil Seals - V8

Head gasket set - V8;

- 3.5 litre models (1970 - 1992)
 - tin head gaskets (1) **GUG1066HS**
 - composite head gaskets* (1) **GUG1066HSC**
- 3.9/4.2 litre models (1990 - 1994)
 - 3 rows of cylinder head bolts.
 - tin head gaskets (1) **RB7447**
 - composite head gaskets* (1) **RB7447C**
 - 3.9/4.2/4.0 & 4.6 (1995 on) (1) **RA1233**

2 rows of cylinder head bolts.
With composite head gaskets.

Head gasket only - V8;

- 3.5 litre models (1970-1992)
 - tin gasket (2) **GEG340**
 - composite gasket* (2) **GEG340C**
- 3.9/4.2 litre models (1990-1994)
 - 3 rows of cylinder head bolts.
 - tin gasket (2) **RB7448**
 - composite gasket* (2) **RB7448C**
 - 3.9/4.2/4.0 & 4.6 (1995 on)
 - 2 rows of cylinder head bolts.
 - tin gasket (2) **ETC7819**
 - composite gasket* (2) **ERR7217**

*Composite head gaskets are thicker than standard tin gaskets and will therefore lower the engine's compression ratio. Ideal for raising compression ratio when heads/block faces have been skimmed. (Not applicable to 1995 on)/ Approximate gasket thicknesses are as follows:

Standard (tin) gaskets	0.5mm
Composite gaskets	1.2mm

- Rocker cover gasket
 - standard (2) **GEG436**
 - uprated (rubber) (2) **GEG436UR**

Inlet manifold gasket;

- Composite inlet manifold gaskets are more expensive but provide a superior seal to the original tin type gasket. No modifications are necessary.
 - tin (1) **ERC3990**
 - composite (1) **ERR7306**

- End seal - manifold gasket;
 - for tin gaskets (2) **AJM645**
 - for composite gaskets (2) **ERR7283**

- Sump gasket set (inc. seals);
 - all models to 1991 (VIN HA) (1) **GUG1538CS**
 - all models 1992 (VIN JA) on (1) **STC1639**

- Sump gasket only (All models) (1) **AJM539**
- Seal - rear main bearing cap (2) **611089**

- Crankshaft oil seal (rear);
 - early (rope type) (1) **613855**
 - Very early engines only.
 - all other models (1) **ERR2640**

- Timing cover oil seal (front);
 - early type (1) **602178**
 - For engine nos: 355 & 359, suffix A.
 - all other models (1) **ERR6490**
 - Screw-on retainer type.

KITS...KITS...KITS...
THE EASY WAY TO ORDER AND GET
THE RIGHT PARTS YOU NEED QUICKLY

Gaskets & Oil Seals - Diesel

Gasket sets - engine;
For a complete engine rebuild, order one of each set.
Note: cylinder head gaskets are not included.

- 2400/2500TD
 - upper (1) **STC850**
 - lower (1) **STC1623**
- 200Tdi
 - upper (1) **STC1172**
 - lower (1) **STC1557**
- 300Tdi
 - upper (1) **RA1234**
 - lower (1) **RA1235**

Individual gaskets;

- cylinder head - 2400/2500TD
 - 1.42mm (a/r) **STC1570**
 - 1.52mm (2 notch) (a/r) **STC1571**
 - 1.62mm (1 notch) (a/r) **STC1844**
- cylinder head - 200/300Tdi
 - 1.3mm (1) **ERR5261**
 - 1.4mm (1) **ERR5262**
 - 1.5mm (1) **ERR5263**

- rocker cover
 - 2400/2500TD (4) **AJM4460B**
 - 200Tdi (1) **ERR2393**
 - 300Tdi (1) **ERR2409**

- front cover
 - 2400TD only (1) **STC2905**
 - 200Tdi
 - inner (1) **538039**
 - outer (1) **ERR1195**
 - 300Tdi
 - inner (1) **ERR4860**
 - outer (1) **ERR7293**

- inlet manifold - 2400/2500TD (4) **STC804**
- exhaust manifold - 2400/2500Tdi;
 - to cylinder head (4) **RTC4893**
 - to turbo (1) **RTC5004**

- inlet/exhaust manifold
 - 200Tdi (1) **ERR1208**
 - 300Tdi (1) **ERR3785**

- exhaust manifold to turbo
 - 200Tdi (1) **ETC7514**

- turbo to exhaust
 - 2400/2500TD (1) **RTC4894**
 - 200Tdi (1) **ETC7513**

- Oil seal - crankshaft - 2400/2500TD;
 - rear (1) **RTC6710**
 - front (1) **RTC6771**

- 'O' ring - crankshaft (rear) (1) **GUG705649GM**
- 2400/2500TD.

- Oil seal - crankshaft - 200/300Tdi;
 - rear (1) **ERR2532**
 - front

- inner (1) **ERR1632**
- outer (1) **ETC4154**

- Oil seal - camshaft (300Tdi only) (1) **ERR3356**
- 'O' ring - oil pump (2400TD only) (1) **AEU2145**
- Note: new oil pumps do not use 'O' ring.

- Gasket - oil pump (200Tdi) (1) **ERC8408**
- Seal - valve stem (200/300Tdi) (8) **ETC8663**
- End plug - cylinder head (200Tdi) (2) **ERR765**

LOWER ENGINE GASKET SET



Rubber Seals

- Windscreen seal (1) **MXC7405**
- Tailgate glass seal (1) **RTC4264**
- Upper tailgate to lower - seal (1) **MXC8422**

- Aperture seal - tailgate;
 - 1970 to 1992 (VIN JA)
 - sides & top (1) **MTC2398**
 - bottom (1) **MXC9584**
 - 1993 (VIN KA) onwards (1) **MTC2398**

- 1-piece seal for complete aperture.
- Door seal;
 - 2 door
 - 1970 to August 1982
 - rh (1) **390320**
 - lh (1) **390321**

- September 1982 on
 - rh (1) **ALR1614SUA**
 - lh (1) **ALR1615SUA**

- 4 door - front
 - 1981 up to 1986 (VIN CA)
 - rh (1) **MUC3701**
 - lh (1) **MUC3702**

- 1987 (VIN DA) to 1988 (VIN EA)
 - rh (1) **MXC1468**
 - lh (1) **MXC1469**

- 1989 (VIN FA) onwards
 - rh (1) **ALR1062**
 - lh (1) **ALR1063**

- 4 door - rear
 - 1981 up to 1986 (VIN CA) (2) **MUC3735**
 - 1987 (VIN DA) to 1988 (VIN EA)
 - rh (1) **MXC1470**
 - lh (1) **MXC1471**

- 1989 (VIN FA) onwards
 - rh (1) **ALR1064**
 - lh (1) **ALR1065**

- Waist seal - door;
 - 2 door
 - 1970 to 1988 (VIN EA)
 - rh (1) **392624**
 - lh (1) **392625**

- 1989 (VIN FA) onwards
 - rh (1) **MXC5355**
 - lh (1) **MXC5356**

- 4 door front
 - rh (1) **MXC8014**
 - lh (1) **MXC8015**

- rear - standard (100") wheelbase
 - rh (1) **MXC8016**
 - lh (1) **MXC8017**

- rear - lwb (108") models
 - rh (1) **ALR4463**
 - lh (1) **ALR4464**

- Seal - rear door to wheelarch
 - early vehicles with rivetted door flange
 - rh (1) **MTC9276**
 - lh (1) **MTC9275**

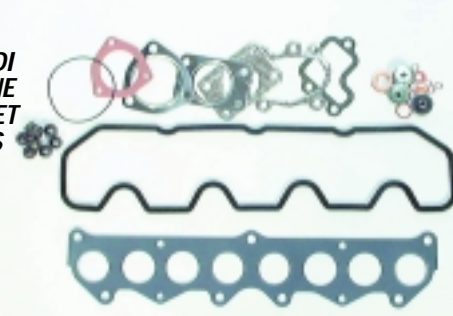
- all other vehicles up to VIN FA374641 (1989)
 - rh (1) **MTC7580**
 - lh (1) **MTC7579**

- VIN FA374642 (1989) onwards (2) **ALR2371**

- Seal - rear door to wheelarch
 - early vehicles with rivetted door flange
 - rh (1) **MTC9276**
 - lh (1) **MTC9275**

- all other vehicles up to VIN FA374641 (1989)
 - rh (1) **MTC7580**
 - lh (1) **MTC7579**

- VIN FA374642 (1989) onwards (2) **ALR2371**



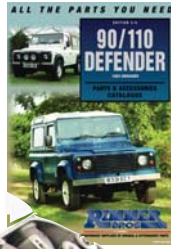
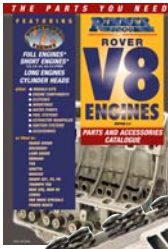
UPPER ENGINE GASKET SET

V8 ENGINE UPDATE

REVISED ENGINE SPECIFICATION AND LISTINGS LONG AND FULL ENGINES

March 2005

APPLICABLE TO THE FOLLOWING CATALOGUES:-



Description Qty Req Part No.

V8 Engines - Standard 'Long' Units

The following listings replace those on page 7 in our V8 Engine catalogue.

ALL APPLICATIONS.
Supplied less timing cover, sump, & rocker gear.
Exchange unit must be 'Like for Like'.
Surcharge will only be refunded upon receipt & inspection of suitable old unit.

3.5 Litre Long Engine (1) **RB8000R**
Exchange.

Includes recon block, small journal crank (short keyway), 3/3 cylinder heads, cam, followers and timing gear.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

3.9 Litre Long Engine (1) **RB8001R**
Exchange.

Includes recon/relined block (not cross bolted), small journal crank (long keyway), 3/4 cylinder heads, cam, followers and timing gear.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

4.0 Litre Long Engine (1) **ERR5012STRG**
GEMS' type

Exchange.
Suitable for Series 2 (P38A) Range Rover/Discovery/TVR/Morgan etc ('95 on).

Non 'GEMS' type (1) **ERR5012STRNG**
Exchange.

Suitable for all **Non** Series 2 (P38A) Range Rover/Discovery/TVR/Morgan etc (to '95).

IDENTIFICATION: 'GEMS' Efi uses a crank sensor pick-up on rear of engine block (1995 on).

SPECIFICATION: Exchange. Rebuilt large journal cross bolted block with 'Top Hat' liners, large journal crank, cylinder heads, cam, followers and timing gear. Crank spacer STC1893SPACER is required for non-serpentine timing covers.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

4.6 Litre Long Engine (1) **ERR5013STRG**
GEMS' type

Exchange.
Suitable for Series 2 (P38A) Range Rover/Discovery/TVR/Morgan etc ('95 on).

Non 'GEMS' type (1) **ERR5013STRNG**
Exchange.

Suitable for all **Non** Series 2 (P38A) Range Rover/Discovery/TVR/Morgan etc (to '95).

IDENTIFICATION: 'GEMS' Efi uses a crank sensor pick-up on rear of engine block (1995 on).

SPECIFICATION: Exchange. Rebuilt large journal cross bolted block with 'Top Hat' liners, large journal crank, cylinder heads, cam, followers and timing gear. Crank spacer STC1893SPACER is required for non-serpentine timing covers.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

Description Qty Req Part No.

V8 Engines - Performance 'Long' Units

The following listings replace those on page 8 in our V8 Engine catalogue.

ALL APPLICATIONS.
Supplied less timing cover, sump, & rocker gear.
Exchange unit must be 'Like for Like'.
Surcharge will only be refunded upon receipt & inspection of suitable old unit.

4.0 Litre Performance Long Engine (1) **RB8004R**
Exchange.

Please specify if 'GEMS' or Non 'GEMS' block required and intended vehicle application. Rebuilt large journal cross bolted block with 'Top Hat' liners, large journal crank, cylinder heads, cam, followers and timing gear. Crank spacer STC1893SPACER is required for non-serpentine timing covers.

Note: all units neutrally balanced. Crank pulley & flywheel can also be balanced at extra cost.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

4.6 Litre Performance Long Engine (1) **RB8005R**
Exchange.

Please specify if 'GEMS' or Non 'GEMS' block required and intended vehicle application. Rebuilt large journal cross bolted block with 'Top Hat' liners, large journal crank, cylinder heads, cam, followers and timing gear. Crank spacer STC1893SPACER is required for non-serpentine timing covers.

Note: all units neutrally balanced. Crank pulley & flywheel can also be balanced at extra cost.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

4.8 Litre Performance Long Engine (1) **RB8006R**
Exchange.

Please specify if 'GEMS' or Non 'GEMS' block required and intended vehicle application. Rebuilt large journal cross bolted block with 'Top Hat' liners, large journal crank, cylinder heads, cam, followers and timing gear. Crank spacer STC1893SPACER is required for non-serpentine timing covers.

Note: all units neutrally balanced. Crank pulley & flywheel can also be balanced at extra cost.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

5.2 Litre Performance Long Engine (1) **RB8007R**
Exchange.

Please specify if 'GEMS' or Non 'GEMS' block required and intended vehicle application. Rebuilt large journal cross bolted block with 'Top Hat' liners, large journal crank, cylinder heads, cam, followers and timing gear. Crank spacer STC1893SPACER is required for non-serpentine timing covers.

Note: all units neutrally balanced. Crank pulley & flywheel can also be balanced at extra cost.

Installation Kit (1) **RB8003**
Includes oil, filter, gaskets etc.

V8 Short Engines

Addendum to page 9 in our V8 Engine catalogue.

All other Short Engines remain unchanged.

Note: All Short Engines are exchange.

4.6 Litre Rebuilt Short Engine - High compression (1) **STC1893HCR**
Pre-series 2 (P38A) Range Rover applications (to '95).

4.8 Litre Rebuilt Short Engine (1) **RB7676R**

5.2 Litre Rebuilt Short Engine (1) **RB7682R**

PLEASE NOTE: These units are supplied with a 'Rebuilt' large journal cross bolted block with 'Top Hat' liners. All other parts are new. Part numbers are suffixed 'R'.



LONG ENGINE

This update sheet lists the revised range of engine units that we now supply and is an addendum to our V8 Engine Catalogue (edition 2.2), Range Rover Catalogue (edition 2.2), Discovery Catalogue (edition 2.0), Defender Catalogue (edition 2.0), and our Rover SD1 Catalogue (edition 2.2).

The engine listings for both full and long engines along with their part numbers have changed. The following listings substitute both Standard and Performance units. There is also minor revision to Short Engines.

Due to on-going old core shortages and availability of Full Engines suitable for reconditioning, we now only supply 'Long Engines' for immediate delivery. Long Engines are supplied less timing cover, sump and rocker gear so you will need to re-use your existing units (It is important that your timing cover is suitably inspected, overhauled or replaced as necessary. Additionally, the Rocker gear should be stripped, cleaned and checked for wear - all components are available at low cost - refer to catalogue).

We will be pleased to recondition customer's own units (to 'full' engine specification) on request and can quote to do so on an individual basis.

The range of long engines listed is much simplified since they are now suitable for all applications both saloon car and 4x4 vehicle. Please note that for 1995 on applications: Range Rover Series 2 (P38A), Discovery, TVR and Morgan, the 'GEMS' type engine is required which has a crank sensor pick-up (for the ignition timing) at the rear of the block casting and is fitted with a camshaft with no provision for the distributor drive making it unsuitable for earlier applications.



Triumph House, Sleaford Road, Bracebridge Heath, Lincoln LN4 2NA.

Tel: 01522 568000. Fax: 01522 567600. E-mail: sales@rimmerbros.co.uk www.rimmerbros.co.uk

V8 Engine

Introduction

Since its introduction in 1970, only one type of petrol engine has been fitted to the Range Rover: the all-aluminium Rover V8 unit, bought from Buick by Rover in the 1960s. The 3.5 litre V8 was first used in Rover's P5 saloon and thereafter, in the P6 and SD1 saloons. Inevitably, due to its great versatility, the Rover V8 also found its way into sports cars - such as MGs and TR7s - as well as more utilitarian vehicles: Police riot vans, ambulances and naturally, a whole variety of Land Rover products. Still in production today, the Rover V8 is currently being employed by the likes of TVR, Morgan, Marcos and, of course, Land Rover.

The reasons for the engine's overwhelming success are obvious: it's simple, reliable, light and reasonably compact, and can be easily adapted to suit almost any purpose. Its versatility is unquestionable: it can be supercharged, turbocharged and run on LPG. Finally, parts are cheap and readily available.

Over the years, the engine has grown in capacity from 3.5 to 3.9, then 4.2 and ultimately (for Range Rover at least) 4.6 litres. Some - notably TVR - have even stretched the capacity to 5.0 litres and beyond. Add the bewildering choice of compression ratios available (due to the changing demands of various world markets over three decades) and the result is a confusing range of parts from which to choose when contemplating engine work.

In the following section, we have attempted to simplify the choice wherever possible, but at the same time provide a complete range of parts to cater for all models.

Replacement Full Engines

We offer various capacities of replacement (exchange) full engine, including 3.5, 3.9, 4.6, 4.8 & 5.2 litre, depending on the power/torque output you require. Any one of these engines can be fitted as a replacement for your existing engine, provided any necessary modifications to the fuel system are carried out. The compression ratio of all replacement engines is 9.35:1 and all are suitable for unleaded fuel.

In addition, most engines are available in two power levels: Standard or Performance, as described below.

Standard Full Engines

Standard engines are the perfect choice for anyone looking to replace a worn-out engine. Suitable for carb or efi applications, manual or automatic transmissions and built to run on unleaded fuel as well as LPG. These engines are a straight swap, enabling the existing ancillaries and fuel system to be retained. 3.9 litre engines are a popular replacement for 3.5 (carb or efi). Alternatively, a standard 4.6 engine works very well in place of a high-mileage 3.9 or 4.2 efi (the ecu will require remapping to suit).

Standard engines are available in 3.5, 3.9 & 4.6 litre versions.

Performance Full Engines

Performance engines are built to the same high specifications as our Standard versions, but incorporate certain modifications to increase power and torque. Ideal for the driver who requires more performance from their vehicle, these engines feature a higher lift, longer duration camshaft, Vernier timing chain and improved cylinder heads fitted with larger valves. To gain maximum benefit from these engines, we recommend the fuel system, exhaust and air filter be upgraded to suit. (For example, a 3.9 efi vehicle fitted with a Performance 4.8 engine, would also benefit from a remapped ecu, stainless steel sports exhaust and K&N air filter)

Performance engines are available in 3.9, 4.6, 4.8 & 5.2 litre versions.

Please contact our sales department for help or advice choosing parts for your V8 engine.

Engine Number Identification

We have included a reference chart of Range Rover V8 engine numbers from 1970 onwards, which will help you to identify the engine fitted to your Range Rover. The engine number of most Range Rover V8s is stamped on the left hand side of the block deck, adjacent to the dipstick tube, although some very early models had the engine number stamped on the bellhousing flange at the rear of the block. The chart also contains a brief description of features, such as compression ratio and gearbox type, and also the approximate year fitted. Therefore, if your engine has been changed at some time, it should still be possible to correctly identify it. To ensure you receive the correct parts, please have your engine number ready before ordering.

Note: "Pulsair" and "Air Injection" are terms applied to engines equipped with Air Rail type cylinder heads, ie cylinder heads with steel pipes located in holes just above the exhaust ports. (Fitted to carburettor engines only.) "Detoxed" refers to a variety of emission control devices, including Air Rails, fitted to carb engines.

Power Outputs

This chart is a guide to the maximum power outputs of our range of V8 engines.

These figures are intended only as an indication of the performance potential of each engine, to help you make the right choice. In reality, power figures may vary considerably, depending on final application. Choice of induction system, exhaust and intended rpm range all have a significant effect on final power output. To achieve the required power output, it may be necessary to modify the fuel system, particularly on fuel injection engines. See 'Fuel' section for details

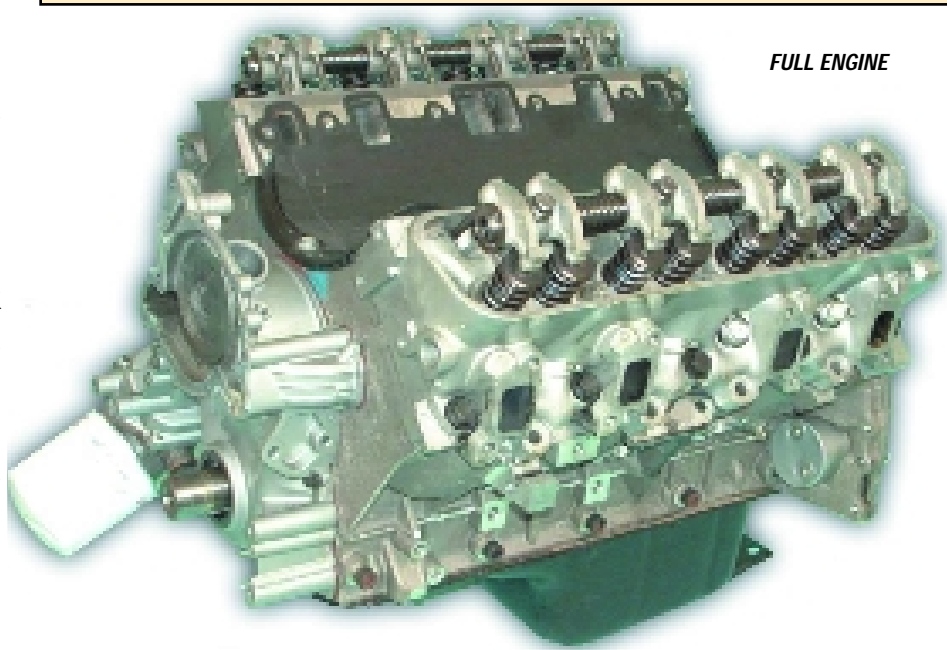
Each performance engine is supplied with a dyno test sheet, giving actual power figures.

All engines are bench tested.

V8 ENGINE NUMBERS

Engine Number (3.5 litre engine)	Suffix (Compression ratio etc)	General Features	Fuel System (Carb type etc)	Approximate Date
34100001	A	8.5cr 4-sp	Stromberg Carbs	1970-Feb 71
35500001	A	8.5cr 4-sp	"	"
35900001	A	8.25cr 4-sp CKD	"	"
34100001	B,C,D,E	8.25cr 4-sp	"	Feb 71-Oct 77
34100001	F	8.25cr Ger,Nor,Swed *	"	"
35500001	B,C,D,E	8.25cr 4-sp	"	"
35900001	B,C,D,E	8.25cr 4-sp	"	"
39800001	F	8.13cr Australia	"	"
35500001	F	8.13cr 4-sp	"	Oct 77-July 81
11D00001	A	9.35cr 4-sp *	"	"
July 81-July 83				
13D00001	A or B	8.13cr Auto	"	Aug 82-Oct 85
15D00001	A or B	9.35cr Auto *	"	"
16D00001	A or B	9.35cr Auto Australia *	"	"
17D00001	A or B	9.35cr 5-sp *	"	"
July 83-Oct 85				
18D00001	A or B	8.13cr 5-sp	"	"
19D00001	A or B	9.35cr 5-sp Australia *	"	"
20D00001	B	8.13cr 5-sp Saudi *	"	"
21D00001	B	8.13cr Auto Saudi *	"	"
22D00001	B	8.13cr 5-sp	Efi (Lucas L)	Oct 85-Oct 89
23D00001	B	8.13cr Auto	"	"
24D00001	B,C	9.35cr 5-sp	"	"
25D00001	B,C	9.35cr Auto	"	"
26D00001	B,C	9.35cr 5-sp *	Carb (Stromberg or SU)	"
27D00001	B,C	9.35cr Auto *	"	"
28D00001	B,C	8.13cr 5-sp	"	"
29D00001	B,C	8.13cr Auto	"	"
30D00001	B,C	8.13cr *	"	"
31D00001	B,C	8.13cr	Efi (Hotwire)	"
(3.9 litre engine)				
35D00001	A,B	9.35cr 5-sp	Efi (Hotwire)) Oct 88-1995
36D00001	A,B	9.35cr Auto	"	"
37D00001	A,B	8.13cr 5-sp	"	"
38D00001	A,B	8.13cr Auto	"	"
(4.2 litre engine)				
40D00001	A,B	8.94cr Auto	"	"
(4.0 litre, Series 2 Range Rover)				
42D	A	9.34cr	Efi (GEMS)	Sept 94 onwards
44D	A	8.12cr	"	"
(4.6 litre, Series 2 Range Rover)				
46D	A	9.34cr	"	"
48D	A	8.12cr	"	"

* Denotes engines with air rails.



FULL ENGINE

Standard Engines	Max. Power (est)
3.5 litre standard	165bhp
3.9/4.0 litre standard	200bhp
4.6 litre standard	240bhp
Performance Engines	
3.9 litre RCT performance	225bhp
4.6 litre RCT performance	260bhp
4.8 litre RCT performance	280bhp
5.2 litre RCT performance	300+bhp

RCT V8 - A NEW NAME IN ROVER V8 ENGINES



Rimmer Bros have teamed up with Racetorations, the Gainsborough-based race & rebuild specialist, to produce (exclusively) a range of V8 full engines, short engines and cylinder heads (both Standard and Performance).

The RCT brand brings in new levels of specification, quality, performance and engineering excellence at an affordable price.

Racetorations have a worldwide reputation for meticulous preparation;

you can therefore be assured that these units have been built to the highest possible standards using the correct parts.

Whether it's a standard 3.5 or a mind-blowing 5.2 Performance full engine, quality is second to none.

Each engine comes with a 12 month guarantee and is bench run.

Performance engines are also supplied with a dyno (power output) test sheet.

We can also offer a bespoke engine build service for any capacity or specification - please enquire for details.

V8 Engines - Standard

SEE ALSO 'NEW FACTORY TURN-KEY ENGINES'.

New 'long' engine

New long engines are essentially a 'stripped' full engine (ie not as complete as a 'full' engine). Comprising of new cross-bolted short engine fitted with new heads (less rocker gear and cam) they are obviously cheaper, than the comparative 'full' engine. It is essential to ensure that the build-up of a 'long' engine is carried out properly, ensuring that all components such as rocker gear, cam followers, timing gear, cam, oil pump, timing cover, sump etc are checked/overhauled/replaced to validate our warranty. Suitable for carb or efi vehicles, please state model/year when ordering to ensure correct heads are fitted.

- 4.0 litre (1) ERR5012ST
- 4.6 litre (1) ERR5013ST

New 'full' engine;

New full engines comprise: new short engine (new block/crankshaft/bearings/pistons/conrods) fitted with new camshaft and followers, new timing gear, new oil pump & oil pressure switch, new cylinder heads & rocker gear. Suitable for carb or efi vehicles.

- 3.5 litre (1) RA1227
- 3.9 litre (1) RA1228
- 4.6 litre (1) RA1229

Recon 'full' engine;

Recon full engines comprise: reconditioned block, rebored with new pistons, new cam bearings, reground crankshaft, new bearings, new camshaft & followers, new timing gear, new oil pump gears & pressure switch, recon cylinder heads with new valves, guides (inc latest type seals) & springs. New rocker shafts & rockers. Fitted with timing cover and sump. Suitable for carb or efi vehicles.

- 3.5 litre (1) RA1227R
- 3.9 litre (1) RA1228R
- 4.6 litre (1) RA1229R

Inc. new short engine.

Note: Full Engine units (which are supplied less water pump and other ancillaries) are usually sold on an exchange basis (Recon) or outright (New). Please refer to Price Guide. The old unit must be a suitable type (ie Range Rover or Rover SD1) otherwise a surcharge will apply.

All full engines, including 4.6 units, are suitable as direct replacements for any Range Rover V8 engine. Existing ancillaries can be re-used and all threads and fixings are compatible. Note that modifications to the fuel system may be required if replacing a 3.5, 3.9 or 4.2 engine.

Note: All standard engines are bench run and are compatible with unleaded fuel and lpg. For manual transmission vehicles, we recommend fitting a new clutch while the engine is being replaced.

Engine installation kit (1) RA1236
Includes running-in oil, oil filter, gaskets etc.

New Factory 'Turn-key' Engines

We are pleased to be able to offer brand new, factory supplied V8 turn key engines.

'Turn-key' Engines

Turn-key engines are available in two capacities: 4.0 & 4.6 litre. As the name suggests, these engines are supplied ready to fit, including ancillaries and injection system.

Both engines are based on the latest factory specification, the 4.6 benefiting from a cross-bolted block and crank-driven oil pump. The 4.0 litre engine comes fitted with a Lucas constant energy distributor ignition system, Lucas Hotwire fuel injection and single serpentine belt ancillary drive.

The 4.6 engine comes fitted with a Lucas GEMS engine management and fuel injection system and single serpentine belt ancillary drive. Ancillaries include: alternator, starter motor, water pump, power steering pump and all pulleys. Engine mounting brackets are also fitted.

Turnkey engines are supplied outright, with no exchange surcharge.

New turn-key engine;

- 4.0 litre (1)ERR5012BA
- 4.6 litre (1)ERR5013BA

V8 Full Engines - Performance

Performance engines are available in 3.9, 4.6, 4.8 & 5.2 litre capacities. They are built to the same high specifications as our Standard versions, but incorporate certain modifications to increase power and torque. Ideal for the driver who requires a little (or a lot!) more from their vehicle, these engines are available in a choice of power outputs to suit any requirement and any budget.

Specification

We start with a strengthened bottom end, carefully balanced to ensure smooth, vibration-free running.

3.9 litre engines are based on a reconditioned, late-type block, which is rebored and fitted with new 94mm cylinder liners. (Note: we sometimes use brand new 3.9 short engines, depending upon price & availability). The crankshaft is reground and micro-polished, fitted with heavy duty bearings and held securely by ARP mains cap studs, which help prevent movement at high revs.

Con rods are carefully weighed and matched in sets - again to help internal balancing - and are fitted to 94mm high compression pistons.

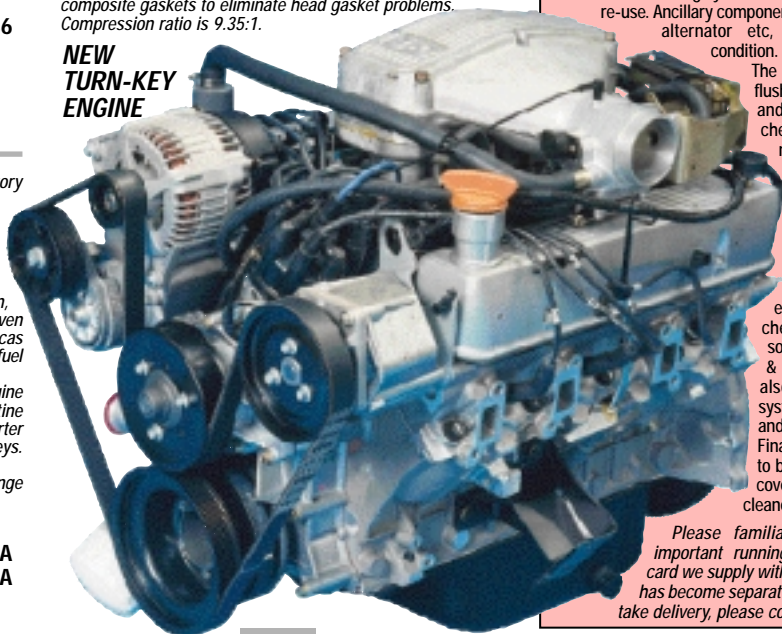
4.6 litre engines are built around latest specification short engine assemblies, which feature larger bearing journals, fully counter-balanced cranks, cross bolting of the main bearing caps (preventing movement at high revs) and careful internal balancing of the short engine assembly.

4.8 litre engines are based on the latest factory x-bolted, 4.6 litre large bearing blocks (94mm bore). The stroke is extended to 86mm, using a cross-drilled, billet steel crank. Special 94mm forged pistons are fitted along with new steel con rods, heavy duty bearings and ARP studs ensure a strong and reliable bottom end.

5.2 litre engines are based on the latest factory x-bolted, large bearing blocks. The standard liners are replaced with 'top hat' liners, the bore is increased to 96mm and the stroke is extended to 90mm, using a cross-drilled, billet steel crank. Special 96mm forged pistons (with valve cut-outs) are fitted, along with new steel conrods. The cylinder heads are unique to this engine and are fitted with ultra - big valves (1.68" inlet, 1.45" exh). CR is 9.35:1.

Cylinder heads for 3.9, 4.6 & 4.8 litre Performance engines are the same: we use late-type heads, which are reworked to improve the engine's ability to "breathe". Modifications include gas-flowing the heads, equalising the combustion chambers and matching the opening of the ports to the inlet and exhaust manifold gaskets. We then recut the valve seats and fit larger valves (41.4mm inlet, 35.5mm exhaust), special valve springs and shortened valve guides (with the latest type stem seals), along with new rocker shafts. Finally, we use composite gaskets to eliminate head gasket problems. Compression ratio is 9.35:1.

NEW TURN-KEY ENGINE



Camshafts are specially selected to get the most from our Performance engines whilst being tractable enough for inner city driving. 4x4 engines have high-torque camshafts which suit both manual and automatic gearboxes equally well. However, we will happily fit any hydraulic camshaft of your choice to one of our Performance engines by special arrangement.

Camshaft followers are the High-rev hydraulic type and cam timing is set and maintained with pre-stretched, duplex chains and adjustable vernier steel gear sets. We also fit a new distributor drive gear.

Oil pump covers are refaced, modified to prevent the relief valve sticking and fitted with a new relief valve and spring.

Timing Cover and sump are fully reconditioned and fitted.

To gain maximum benefit from our Performance engines, we recommend that the fuel system, exhaust and air filter be upgraded to suit. This catalogue contains a full range of upgraded fuel system components, tubular exhaust manifolds and K&N air filters for most Rover V8 applications. If you are unable to find the part you need, please contact our sales department.

All Performance engines are 9.35:1 compression ratio and are suitable for unleaded fuel.

Performance 'full' engine - V8 (exchange);

Fitted with performance cam and big valve cylinder heads. Compression ratio is 9.35:1. Suitable for carb or efi vehicles.

- 3.9 litre (1) RA1230R
- 4.6 litre (1) RA1231R
- 4.8 litre (1) RA1232R
- 5.2 litre (1) RA1339

Note: Full Performance Engines (which are supplied less water pump and other ancillaries) are usually sold on an exchange basis (Recon) or outright (New). Please refer to Price Guide. The old unit must be a suitable type (ie Range Rover or Rover SD1) otherwise a surcharge will apply.

All full engines, including 5.2 units, are suitable as direct replacements for any Range Rover V8 engine. Existing ancillaries can be re-used and all threads and fixings are compatible. Note that modifications to the fuel system may be required if replacing a 3.5, 3.9 or 4.2 engine.

Note: all performance engines are bench run and supplied with a dyno (power output) sheet.

For manual transmission vehicles, we recommend fitting a new clutch while the engine is being replaced.

Engine installation kit (1) RA1236
Includes running-in oil, oil filter, gaskets etc.

FULL ENGINE BUILD-UP

When building up a full engine to a complete assembly, it is essential to thoroughly examine every part you intend to re-use. Ancillary components, including water pump, alternator etc, should be in perfect condition.

The cooling system should be flushed (including the heater) and the radiator & hoses checked and replaced if necessary. The correct ratio of antifreeze (minimum 33%) MUST be maintained at all times. Engine oil coolers should also be flushed. The fuel system should be in good order and the exhaust emissions checked professionally as soon as possible. All engine & gearbox mountings, and also the clutch operating system, should be checked and re-newed as required. Finally, any other components to be re-used, such as rocker covers, must be thoroughly cleaned before being fitted.

Please familiarise yourself with the important running-in instructions on the card we supply with every engine. If this card has become separated from the unit when you take delivery, please contact us.

V8 Short Engines

Recon Short Engine units are sold on an exchange basis. The old unit must be a suitable type (not Rover P5, P6, MGB V8 & early Range Rover ie with 12mm spark plug reach) otherwise a surcharge will apply. New Short Engines are normally outright - refer to us for latest information.

3.5 litre;

new short engine

Comprises: new block/crankshaft/bearings/pistons/con rods (assembled). Less - camshaft & followers.

8.13:1 CR (1) ETC7714

9.35:1 CR (1) RB7121

recon short engine (exch)

Comprises: recon block, rebored with new pistons/new cam bearings/reground crank & new bearings (assembled). Less - camshaft & followers.

8.13:1 CR (1) ETC7714R

9.35:1 CR (1) RB7121R

3.9 litre;

new short engine

(1) RB7487

Comprises: new block, crankshaft, bearings, pistons, con rods (assembled). Less - camshaft & followers.

recon short engine (exch) (1) RB7487R

Comprises: recon block, rebored, relined & fitted with new pistons & rings, new cam bearings/reground crank & new bearings (assembled). Less - camshaft & followers.

recon short engine uprated (1) RB7487RUR

(Exch). As above but also includes strengthened bottom end, micro-polished crank, heavy duty bearings, ARP mains cap studs, weighed and matched con-rods. Less - camshaft & followers.

4.2 litre - new short engine

Comprises: new block/crankshaft/bearings/pistons/con rods (assembled). Less - camshaft & followers.

8.94:1 CR (1) ERR4171

Later, integral oil pump type.

4.0 litre - new short engine

Series 2 Range Rover application only.

Note: unsuitable for use with pre '95 heads (results in low CR). Comprises: new cross-bolted block/new crankshaft/bearings/pistons & con-rods (assembled). Less - camshaft & followers.

8.13:1 CR (1) STC1890

9.35:1 CR (1) STC1891

4.6 litre - new short engine

Series 2 Range Rover application only.

Note: unsuitable for use with pre '95 heads (results in low CR). Comprises: new cross-bolted block/new 82mm stroke crankshaft/bearings/pistons & con-rods (assembled). Less - camshaft & followers.

8.13:1 CR (1) STC1892

9.35:1 CR (1) STC1893

4.6 litre - new short engine - high compression

Pre-Series 2 Range Rover application. Suitable for pre '95 Range Rover heads with 36cc combustion chambers.

Comprises; new cross-bolted block/new 82mm stroke crankshaft/bearings/high compression pistons/conrods (assembled). Less - camshaft & followers.

Note: STC1893 spacer also required when fitting distributor driven oil pump type front timing cover. Sump pan may require relieving to allow swing clearance for front web of crank.

9.35:1 CR (1) STC1893CHC

4.8 litre - new short engine

Comprises: new cross-bolted, 4.6 litre large bearing block (94mm bore), long stroke (86mm) Billet steel crank, forged pistons, steel conrods, heavy duty bearings, ARP studs (assembled). Less - camshaft & followers.

Note: STC1893 spacer also required when fitting distributor driven oil pump type front timing cover. Sump pan may require relieving to allow swing clearance for front web of crank.

9.5:1 CR (1) RB7676

When fitted with pre '95 heads with 36cc combustion chambers.

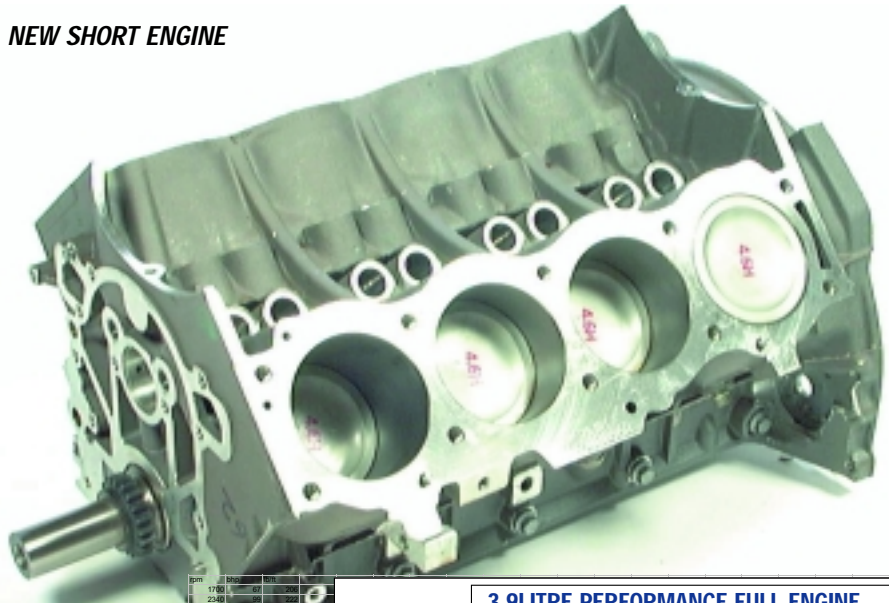


ENGINE fitting SERVICE

We are pleased to be able to offer a fitting service for either our full or short engines. Please contact us for a quotation or to discuss your requirements.

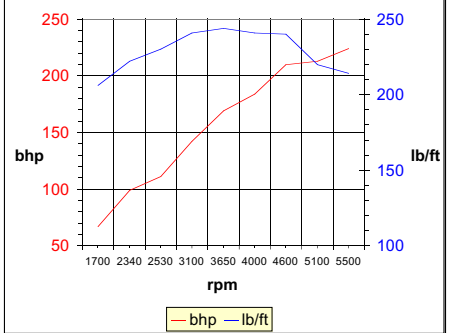
OUR CHARGES ARE VERY REASONABLE!

NEW SHORT ENGINE



rpm	bhp	lb/ft
1700	87	124
2200	96	134
2500	119	158
3100	152	200
3600	169	214
4000	184	230
4500	198	248
5100	213	270
5500	224	274

3.9LITRE PERFORMANCE FULL ENGINE

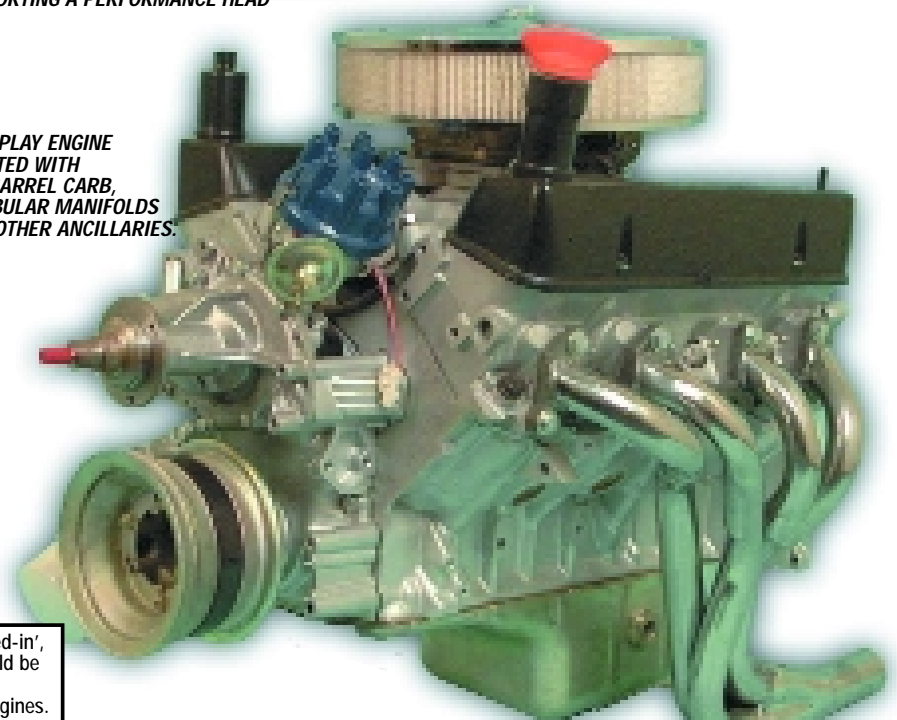


PORTING A PERFORMANCE HEAD



VALVE SEAT MACHINING

DISPLAY ENGINE
FITTED WITH
4-BARREL CARB,
TUBULAR MANIFOLDS
& OTHER ANCILLARIES.



To allow your new or reconditioned engine to correctly 'bed-in', Castrol running-in oil, part number RX1417 (5 litres) should be used for the first 1000 miles. This is a requirement of the warranty for reconditioned engines.

CONVERT YOUR ENGINE FROM 3.5 LITRE TO 3.9 LITRE USING OUR PISTONS AND LINERS!



V8 ENGINE REBUILD KIT 3.5 OR 3.9 LITRE

FOR THE DIY ENTHUSIAST!

This kit includes everything you are likely to need. We assume you'll have the block rebored (in the case of the 3.9, re-sleeved using the liners supplied) and any other machining work done as required. The kits are based on the Range Rover engine. Please note that your crankshaft is required in exchange. For export customers, the crank can be removed from the kit, a price adjustment made, allowing you to have the re-grinding done locally.

We can also offer kits using performance components. Please enquire.

Part Number 3.5 LITRE
RB2028/3.5

Part Number 3.9 LITRE
RB2028/3.9

Kit Contents:-

- Crankshaft - reground (*exchange*)
- Bearing shells to suit
- Piston set including rings and pins:
 - 3.5 litre (+ 0.020") (9.75:1)
 - 3.9 litre (standard) (9.35:1)
- Piston liner set (*3.9 litre only*)
- Oil Filter
- Sump gasket set inc oil seals
- Timing chain, crank sprocket, cam sprocket
- Camshaft and 16 followers
- Valves - Engine set (16)
- Valve guides (16)
- Valve stem oil seal (inlet) (8)
- Valve springs (16)
- Rocker shaft (2)
- Rocker arms (16)
- Head gasket set
- Core plug engine set

V8 Cylinder Block Components

Cylinder block - bare; 3.5 litre	(1)	ERC6934
3.9 & 4.2 litre	(1)	ERR7350
4.0 & 4.6 litre <i>Series 2 Range Rover type.</i>	(1)	ERR7349
Cylinder liner set - 3.9 litre	(1)	RB7486
<i>Set of 8 liners for converting 3.5 engines to 3.9 litre bore. Also suitable for replacing the liners in an existing 3.9 litre (or larger capacity) engine.</i>		
Liner & piston set - 3.9 litre	(1)	RB2029
<i>As above, but kit includes standard size 9.35:1 compression pistons and rings for 3.9 conversions.</i>		
Stroker kit;		
<i>Kits for increasing the cubic capacity of the engine by increasing the stroke to 86mm. Fitted to a 3.5 litre engine (20 thou rebore required), will achieve a capacity of 4.3 litres; fitted to a 3.9 engine will achieve 4.8 litres. Kits contain new crankshaft, con rods, pistons/rings and bearings.</i>		
4.3 litre kit	(1)	RB7678
4.8 litre kit	(1)	RB7677
Head gasket set - V8;		
3.5 litre models (1970 - 1992)		
tin head gaskets	(1)	GUG1066HS
composite head gaskets*	(1)	GUG1066HSC
3.9/4.2 litre models (1990 - 1994)		
<i>3 rows of cylinder head bolts.</i>		
tin head gaskets	(1)	RB7447
composite head gaskets*	(1)	RB7447C
3.9/4.2/4.0 & 4.6 (1995 on)	(1)	RA1233
<i>2 rows of cylinder head bolts. With composite head gaskets.</i>		
Head gasket only- V8;		
3.5 litre models (1970-1992)		
tin gasket	(2)	GEG340
composite gasket*	(2)	GEG340C
3.9/4.2 litre models (1990-1994)		
<i>3 rows of cylinder head bolts.</i>		
tin gasket	(2)	RB7448
composite gasket*	(2)	RB7448C
3.9/4.2/4.0 & 4.6 (1995 on)		
<i>2 rows of cylinder head bolts.</i>		
tin gasket	(2)	ETC7819
composite gasket*	(2)	ERR7217
<i>*Composite head gaskets are thicker than standard tin gaskets and will therefore lower the engine's compression ratio. Ideal for raising compression ratio when heads/block faces have been skimmed. (Not applicable to 1995 on). Approximate gasket thicknesses are as follows:</i>		
Standard (tin) gaskets	0.5mm	
Composite gaskets	1.2mm	
Sump gasket set (inc. seals);		
all models to 1991 (VIN HA)	(1)	GUG1538CS
all models 1992 (VIN JA) on	(1)	STC1639
Sump gasket only	(1)	AJM539
<i>All models.</i>		
Seal - rear main bearing cap <i>Cruciform seal.</i>	(2)	611089
Crankshaft oil seal - rear;		
early (rope type)	(1)	613855
<i>Very early engines only.</i>		
all other models	(1)	ERR2640
Timing cover oil seal - front;		
early type	(1)	602178
<i>For engine nos: 355 & 359, suffix A.</i>		
all other models	(1)	ERR6490
<i>Screw-on retainer type.</i>		
Core plug set - all models	(1)	RB7105
Cam bearing set;		
all models except 4.0 & 4.6	(1)	RTC5918
4.0 & 4.6 models	(1)	STC1961
Dowel - bellhousing flange	(2)	602141

Drain tap - block	(2)	602915
Drain plug <i>Alternative to tap.</i>	(2)	129077
Core plug <i>Lower bellhousing flange.</i>	(2)	612898
Bolt - main bearing cap <i>All models.</i>	(10)	602130
Stud kit - main bearing cap <i>(Engine set) Used instead of standard main bearing bolts, studs provide superior clamping for main bearing caps, preventing them from working loose. Recommended for Performance Engines (not 4.0 or 4.6 Series 2 Range Rover).</i>	(1)	RB7456
Cross-bolt - main bearing cap <i>4.0 & 4.6 models.</i>	(9)	FB110137
Hex-screw - main bearing cap <i>4.0 & 4.6 models.</i>	(1)	SS110555
Oil seal - for FB110137	(9)	ERR3330
Oil seal - for SS110555	(1)	ERR3331
Stud - front of block <i>Except 4.0 & 4.6 models.</i>	(1)	252513
Plug - front of block	(4)	602147
Breather pipe - crankcase <i>Early models.</i>	(1)	603143
Core plug - rear of block <i>Later models - replaces breather.</i>	(1)	154545
Core plug - side & rear of block	(8)	602152
Core plug - camshaft rear	(1)	602146
Threaded plug;		
all engines except 4.0 & 4.6	(2)	602212
4.0 & 4.6 engines	(2)	ERR4314
Crank sensor housing <i>4.0 & 4.6 models.</i>	(1)	ERR3693

V8 Sump Pan/Oil Pick-up & Dipstick

Sump pan;		
all Classic models	(1)	ERR4633
<i>Up to Series 2 Range Rover.</i>		
Series 2 Range Rover	(1)	ERR5220
Sump gasket set (inc. seals);		
all models up to 1991 (VIN HA)	(1)	GUG1538CS
all models 1992 (VIN JA) on	(1)	STC1639
Sump gasket only	(1)	AJM539
<i>All models.</i>		
Sump bolt/washer	(16)	SH505051
Drain plug - sump;		
all Classic models	(1)	603659
Series 2 Range Rover	(1)	UAM2957
Washer - sump drain plug;		
all Classic models	(1)	213961
Series 2 Range Rover	(1)	UAM2857
Oil pick-up strainer;		
all Classic models	(1)	ERR3677
Series 2 Range Rover	(1)	ERR4795
Oil screen	(1)	602070A
Gasket - pick-up strainer <i>All models except Series 2 Range Rover.</i>	(1)	90602068A
O-ring - pick-up strainer <i>Series 2 Range Rover.</i>	(1)	ERR4795
Spacer - pick-up strainer <i>Series 2 Range Rover.</i>	(1)	ERR4793
Setscrew - strainer to block;		
all Classic models	(2)	253407
Series 2 Range Rover	(2)	FS106167
Spring washer - setscrew <i>Except Series 2 Range Rover.</i>	(2)	GHF331
Nut - strainer <i>Series 2 Range Rover.</i>	(2)	NH605041

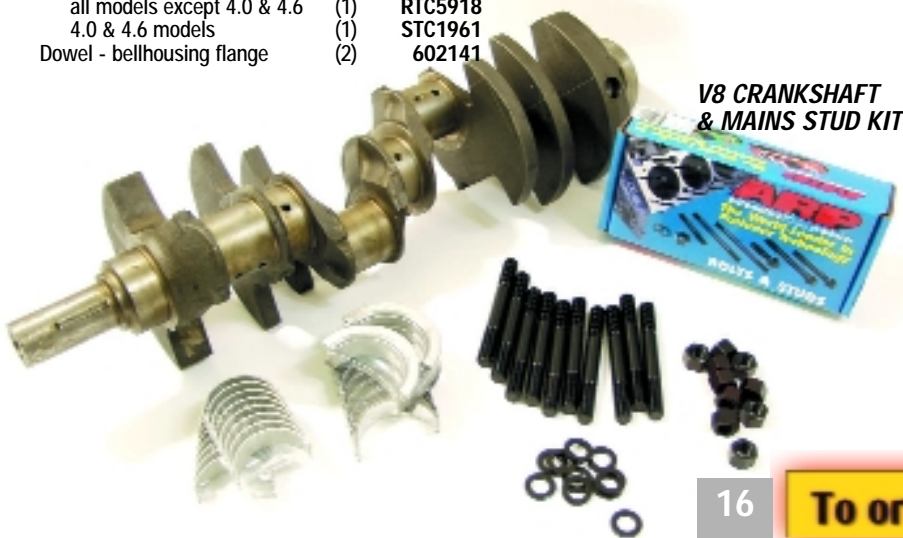
Dipstick;		
all models 1970 - 1985	(1)	603173
1986 up to Series 2 Range Rover	(1)	ERR1922
Series 2 Range Rover	(1)	ERR4905
Dipstick tube;		
all models 1970 - 1985	(1)	ERC2571
1986 up to Series 2 Range Rover	(1)	ERR4556
Series 2 Range Rover	(1)	ERR4550
O-ring - dipstick tube <i>Except Series 2 Range Rover.</i>	(1)	602545

V8 Crankshaft

Crankshaft;		
3.5 & 3.9 litre;		
<i>3.9 litre up to the following engine nos only: 35D08966B, 36D25523B, 37D01931B, 38D27330B.</i>		
new (less shells)	(1)	612989A
reground (Including shells)	(1)	612989R
3.9 litre <i>Above engine nos. onwards.</i>	(1)	ERR4060
4.2 litre		
up to engine no. 40D09581B	(1)	ERR3037
engine no. 40D09582B on	(1)	ERR4152
4.3 & 4.8 litre stroker kits; <i>Includes new 86mm stroke crankshaft, con rods, pis tons/rings & bearings. 4.3 kit fits to 3.5 litre engine (20 thou rebore required) for 4.3 litres. 4.8 kit fits 3.9 litre engine (94mm bore) for 4.8 litres.</i>		
4.3 litre kit	(1)	RB7678
4.8 litre kit	(1)	RB7677
Series 2 Range Rover		
4.0	(1)	ERR5090
4.6	(1)	ERR5091

Main bearing set;		
all models except Series 2 Range Rover.		
standard size	(1)	RTC1718
oversize + 0.010"	(1)	RTC1718.010
oversize + 0.020"	(1)	RTC1718.020
oversize + 0.030"	(1)	RTC1718.030
oversize + 0.040"	(1)	RTC1718.040
oversize + 0.060"	(1)	RTC1718.060
Series 2 Range Rover <i>4.0 & 4.6 Litre.</i>	(1)	STC1425
<i>Note: The latest bearing sets feature thrust plates only on the upper half of centre bearing.</i>		

Main bearing set - heavy duty;		
all models except Series 2 Range Rover.		
standard size	(1)	RB7452
oversize + 0.010	(1)	RB7452.010
oversize + 0.020	(1)	RB7452.020
Bolt - main bearing cap <i>All models.</i>	(10)	602130A
Stud kit - main bearing cap <i>(Engine set) Used instead of standard main bearing bolts, studs provide superior clamping for main bearing caps, preventing them from working loose. Recommended for Performance Engines (not 4.0 or 4.6 Series 2 Range Rover).</i>	(1)	RB7456
Cross-bolt - main bearing cap <i>4.0 & 4.6 models.</i>	(9)	FB110137
Hex-screw - main bearing cap <i>4.0 & 4.6 models.</i>	(1)	SS110555
Oil seal;		
for FB110137	(9)	ERR3330
for SS110555	(1)	ERR3331
Crankshaft oil seal (rear);		
rope type (very early vehicles)	(1)	613855
lip type	(1)	ERR2640
Timing cover oil seal (front);		
early type <i>For engine nos: 355 & 359, suffix A.</i>	(1)	602178
all other models	(1)	ERR6490
<i>Screw-on retainer type.</i>		
Spigot bush - crankshaft <i>All models.</i>	(1)	549911
Woodruff key;		
all 3.5, 3.9 & 4.2 up to 1992	(1)	90602025A
3.9 & 4.2 1992 onwards	(1)	ERR2846
<i>Also 4.0 & 4.6.</i>		
Crankshaft sprocket - all models	(1)	90602372A
Bolt - crankshaft pulley;		
starting dog type	(1)	610178
standard bolt	(1)	ERC417A
Washer - crankshaft pulley;		
starting dog type	(1)	602411
standard bolt type	(1)	ERC416A



V8 CRANKSHAFT & MAINS STUD KIT

V8 Crankshaft Pulley

Pulley - water pump/alternator belt; non air con		
non p.a.s. models to 1985	(1)	611019
p.a.s. models to 1985	(1)	ETC4330 & ETC4369
<i>Order 1 of each</i>		
air con models;		
p.a.s. & non p.a.s. to 1985	(1)	ETC4330 & ETC4354
<i>Order 1 of each</i>		
1986 on, carb & efi	(1)	ETC5679
<i>Up to 1992 (VIN JA)</i>		
1993 models up to following engine nos:		
35D08967B, 36D25524B, 37D01932B		
38D27331B & 40D09582B	(1)	ERR2799
above engine nos. onwards	(1)	ERR4866
<i>Up to Series 2 Range Rover.</i>		
Series 2 Range Rover (4.0 & 4.6)	(1)	ERR7372
Vibration damper - 3.5 & 3.9;		
all models up to 1992	(1)	ERC5462
1992 models up to following engine nos:		
35D08967B, 36D25524B, 37D01932B &		
38D27331B (3.9 litre)	(1)	ETC7339
above engine nos. onwards	(1)	ERR3442
Vibration damper - 4.2		
Engine no. 40D09582B onwards.	(1)	ERR4594
Pulley - power steering belt		
All p.a.s. models except Series 2 Range Rover.	(1)	ETC4330
Balancing rim;		
all models to 1991	(1)	603301
models from 1992 onwards	(1)	ETC7996
Mud deflector	(1)	613671
Reinforcing plate	(1)	602587
<i>All models except 4.0 & 4.6.</i>		
Bolt - crankshaft pulley assembly;		
non p.a.s. models	(6)	GHF104
p.a.s. & air con models	(6)	BH605141
Nut - all models	(6)	NH605041

FLYWHEEL



V8 Flywheel & Driveplate

Flywheel (manual);		
all Classic models	(1)	ERR5575
Series 2 Range Rover	(1)	ERR5396
Ring gear - all manual models	(1)	611323A
Bolt - flywheel to crankshaft	(6)	SH607081
<i>All models.</i>		
Driveplate (automatic);		
3-sp (<i>Less ring gear</i>)	(1)	FRC5005
4-sp - complete assembly		
1986 up to Series 2 Range Rover	(1)	FRC7851
Series 2 Range Rover	(1)	ERR5658
Bolt - driveplate to crankshaft;		
all except Series 2 Range Rover	(6)	SS607061
Series 2 Range Rover	(6)	SS607120
Ring gear (automatic);		
all Classic models	(1)	603340
Series 2 Range Rover		NSS
Bolt - ring gear to driveplate	(10)	FTC4388
<i>All models.</i>		
Washer - all models	(10)	610736
Spacer - driveplate to crankshaft (auto);		
3-sp	(1)	FRC5003
4-sp up to Series 2 Range Rover	(1)	FTC651

NEW 3.9 PISTON & ROD



Spigot aligner (auto);			9.75:1 cr		
3-sp	(1)	FRC5006	standard size	(1)	RB7342
4-sp to Series 2 Range Rover	(1)	FRC7075	oversize + 0.020"	(1)	RB7342.020
Series 2 Range Rover	(1)	FTC4606	oversize + 0.040"	(1)	RB7342.040
Bolt - spigot aligner (auto);			10.5:1 cr		
3-sp	(4)	SH110251	standard size	(1)	RB7309
4-sp to Series 2 Range Rover	(4)	BH110111	oversize + 0.020"	(1)	RB7309.020
Series 2 Range Rover			oversize + 0.040"	(1)	RB7309.040
4.0			3.9 litre		
up to eng 593A	(4)	FS110141M	<i>Standard size.</i>		
eng 594A onwards	(4)	FS110251L	8.13:1 cr	(1)	RB7485KLC
4.6			9.35:1 cr	(1)	RB7485KHC
up to eng. 450A	(4)	FS110141M	4.2, 4.0 & 4.6 litre See Single Pistons		
eng 451A onwards	(4)	FS110251L	Cylinder liner set - 3.9 litre (1) RB7486		
Washer - spigot aligner bolt			<i>Set of 8 liners for converting 3.5 engines to 3.9 litre bore. Also suitable for replacing the liners in an existing 3.9 litre (or larger capacity) engine.</i>		
All auto models except Series 2 Range Rover.	(4)	WL110001	Piston & liner set - 3.9 litre (1) RB2029		
Converter drive plate - auto			<i>As above, but kit includes standard size 9.35:1 compression pistons and rings for 3.9 conversions.</i>		
1986 to Series 2 Range Rover.	(1)	FRC7081	4.3 & 4.8 litre stroker kits;		
Buttress ring - auto;			<i>Includes new 86mm stroke crankshaft, con rods, pistons/rings & bearings. 4.3 kit fits to 3.5 litre engine (20 thou rebore required) for 4.3 litres. 4.8 kit fits 3.9 litre engine (94mm bore) for 4.8 litres.</i>		
4-sp up to Series 2 Range Rover	(1)	FRC7080	4.3 litre kit	(1)	RB7678
Series 2 Range Rover	(1)	FTC1117	4.8 litre kit	(1)	RB7677
Selective shim - torque converter height;			Single Piston;		
1986 to Series 2 Range Rover.			<i>Supplied with rings & gudgeon pin.</i>		
1.25mm	(A/R)	FRC9203	4.2 litre - 8.94:1 cr	(8)	STC1191S
1.45mm	(A/R)	FRC9205	4.0 litre Series 2 Range Rover		
1.65mm	(A/R)	FRC9207	<i>Offset gudgeon type - standard size only.</i>		
1.85mm	(A/R)	FRC9209	8.13:1 cr	(8)	ERR5555
2.05mm	(A/R)	FRC9211	9.35:1 cr	(8)	ERR5553
Selective shim - torque converter height;			4.6 litre Series 2 Range Rover		
Series 2 Range Rover.			<i>Offset gudgeon type - standard size only.</i>		
1.20/1.25	(A/R)	FTC1680	8.13:1 cr	(8)	ERR5555
1.30/1.35	(A/R)	FTC1681	9.35:1 cr	(8)	ERR5553
1.40/1.45	(A/R)	FTC1682	4.6 litre Series 2 Range Rover		
1.50/1.55	(A/R)	FTC1683	<i>Offset gudgeon type - standard size only.</i>		
1.60/1.65	(A/R)	FTC1684	8.13:1 cr	(8)	ERR5556
1.70/1.75	(A/R)	FTC1685	9.35:1 cr	(8)	ERR5554
1.80/1.85	(A/R)	FTC1686	V8 Piston Rings		
1.90/1.95	(A/R)	FTC1687	Piston rings;		
2.00/2.05	(A/R)	FTC1688	<i>Supplied as engine set.</i>		
2.10/2.15	(A/R)	FTC1689	3.5 litre		

V8 Pistons

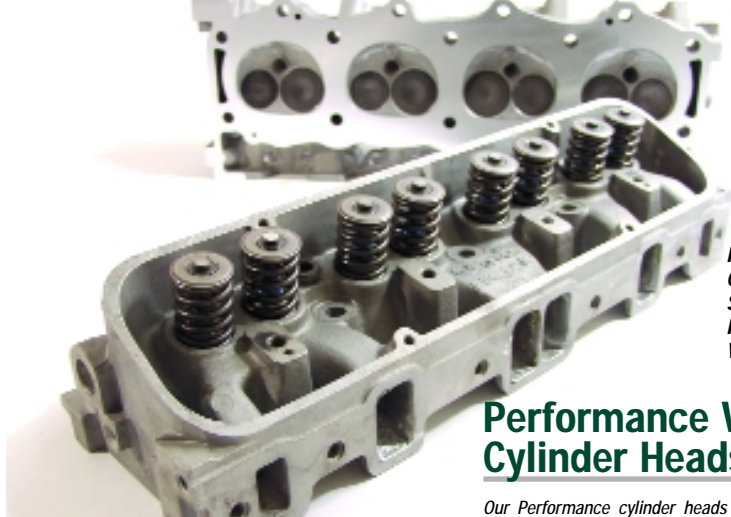
Piston set;		
<i>Piston sets comprise 8 pistons complete with rings & gudgeon pins.</i>		
3.5 litre		
8.13:1 cr		
<i>See Single Piston section for other low comp pistons.</i>		
standard size	(1)	RB7104
oversize + 0.020"	(1)	RB7104.020
oversize + 0.040"	(1)	RB7104.040
9.35:1 cr		
standard size	(1)	RB7246
oversize + 0.020"	(1)	RB7246.020
oversize + 0.040"	(1)	RB7246.040

V8 Piston Rings

Piston rings;		
<i>Supplied as engine set.</i>		
3.5 litre		
8.13, 8.25, 9.35 & 9.75 cr		
standard size	(1)	RB7358
oversize + 0.020"	(1)	RB7358.020
oversize + 0.040"	(1)	RB7358.040
10.5 cr		
standard size	(1)	RB7421
oversize + 0.020"	(1)	RB7421.020
oversize + 0.040"	(1)	RB7421.040
3.9 & 4.2 litre;		
<i>High & low comp ratio.</i>		
standard size	(1)	RB7538
oversize + 0.020"	(1)	RB7538.020
4.0 & 4.6;		
<i>High & low comp ratio.</i>		
standard size	(8)	STC1427

V8 Rocker Covers

Rocker covers - single;		
early models (rounded)		
rh	(1)	RTC2350
lh	(1)	ETC8604
1986 onwards		
rounded		
rh	(1)	ETC8681
lh	(1)	ETC8682
flat top		
rh	(1)	ETC8680
lh	(1)	ETC8679
1992 onwards		
rh	(1)	ERR7363
lh	(1)	ERR7360
Series 2 Range Rover		
rh	(1)	ERR7367
lh	(1)	ERR7365
Rocker covers - pairs;		
unpainted (flat top)	(1)	RB7431
powder coated (flat top)		
black	(1)	RB7431PCB
red	(1)	RB7431PCR
Gasket - rocker cover		
standard	(2)	GEG436
uprated (rubber)	(2)	GEG436UR
Screw - rocker cover retaining;		
all models except Series 2 Range Rover.		
long	(4)	603127
short	(4)	602530
Series 2 Range Rover		
long	(4)	ERR7371
short	(4)	ERR4818
Spring washer - rocker screws	(8)	GHF331
<i>Not Series 2 Range Rover.</i>		
Flat washer - rocker screws	(8)	GHF300
<i>Not Series 2 Range Rover.</i>		
Rocker cover 'T'-Bolts - chrome	(2)	RB7440
<i>American style rocker cover hold down bolts, supplied in sets of 4 (2 sets req'd).</i>		
Breather/flame trap;		
<i>Right hand rocker cover (flat top), where fitted.</i>		
original	(1)	RB7432
short type - fi original size	(1)	RB7432LOW
powder coated		
black	(1)	RB7432PCB
red	(1)	RB7432PCR
chromed	(1)	RB7432C
Breather grommet (pair)	(1)	RB7432Z
O' ring seal - flame trap	(1)	564258
Oil filler neck;		
threaded type (where fitted)	(1)	ERC2989
screw-on type (early models)	(1)	ERC1208
Series 2 Range Rover	(1)	ERR7335
Gasket - filler neck;		
screw-on type	(1)	612819
Series 2 Range Rover	(1)	564258
Oil filler cap;		
orange type	(1)	625038A
pressed steel type	(1)	598231
Series 2 Range Rover	(1)	ERR5218
Seal - filler cap;		
orange type	(1)	564258A
Series 2 Range Rover	(1)	ERR5219
Breather filter - efi models	(1)	ERC3209A
<i>Rear of LH rocker cover.</i>		
Cap - breather filter (efi)	(1)	ERC3208
Plug lead retainer (where fitted)	(2)	603672
<i>Holds 4 leads.</i>		



Standard V8 Cylinder Heads

There have been various changes made to the V8's cylinder heads since the introduction of the Range Rover. Consequently, there are numerous different cylinder head part numbers, not all of which are still available. However, as the V8 block has remained essentially unchanged throughout, it is possible (and sometimes beneficial) to fit later cylinder heads in place of earlier ones. The most important difference to bear in mind, when considering replacing cylinder heads, is that some are designed for use with air rails (see Introduction of Engine section) whilst others are not. In this section, we have listed a range of cylinder heads to suit every application - air rail, non air-rail, carburettor & efi. We have also included our range of performance heads, which can be used on all engines. However, they are not designed for use with air rails. All heads are suitable for unleaded fuel.

All reconditioned heads are sold on an exchange basis and must be 'like-for-like' otherwise a surcharge will be applied

Cylinder head assembly (recon):
Complete with new valves, valve guides, springs & valve stem oil seals. Less rocker gear. Cylinder heads are sold individually and are suitable for unleaded fuel.

carb models		
non air-rail type	(2)	RB7095R
air-rail type	(2)	RA1090R
efi models	(2)	RB7462R

Cylinder head - new (bare); <i>Outright Sale.</i>		
1970 to Oct 1985		
non air-rail type	(2)	ERC215A
air-rail type	(2)	ERC676
1986 to 1992		
carb models		
air-rail type	(2)	ETC6471
non air-rail type	(2)	ERC215A
efi models - 3.5 & 3.9 litre	(2)	ETC8622
1992 onwards		
3.9 litre		
up to eng nos: 35D06576A, 36D14149A, 37D00751A & 38D23045A(2)		ERR1404
from above eng nos on	(2)	LDF108090
4.2 litre - all models	(2)	LDF108090
Series 2 Range Rover		
4.0 & 4.6	(2)	LDF108090

PERFORMANCE CYLINDER HEADS SHOWING ENLARGED PORTS & LARGE VALVES.

Performance V8 Cylinder Heads

Our Performance cylinder heads are carefully modified to gain the maximum power from your engine, whether used on their own or with other modifications, such as a higher lift camshaft or our sports exhaust systems.

We use late-type cylinder heads (19mm spark plug reach), cleaned and fully reconditioned. We then gas-flow the heads and enlarge the ports to match inlet & exhaust manifold apertures. Combustion chambers are measured and equalised and the heads are then refaced to achieve a compression ratio of 9.35:1 with composite cylinder head gaskets.

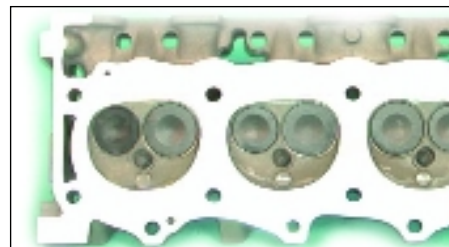
We narrow the valve seats, recut them for optimum flow and fit larger valves (41.4mm inlet & 35.5mm exhaust). Shortened & shaped valve guides are fitted, along with the latest-type stem seals, inlet & exhaust.

Finally, we fit high performance valve springs. Good results will be obtained by fitting Performance heads to any engine, from a standard 3.5 litre to a Performance 4.8, but to enjoy the maximum benefit offered by their improved efficiency, we recommend fitting tubular exhaust manifolds (see Tubular Manifolds section), performance camshaft, K&N air filters or a 4-barrel carburettor, such as the Weber or Holley (see Fuel section). Alternatively, if your vehicle is fuel injected, we recommend a remapped ECU (see Fuel section).

Performance Cylinder Heads are supplied in pairs (less rocker gear) and are suitable for unleaded fuel. They are not designed for use with air rails.

Note - exchange units: our head assemblies are the later type with 19mm plug reach (as opposed to 12mm) and therefore exchange units must also be of the same type, otherwise a surcharge will apply.

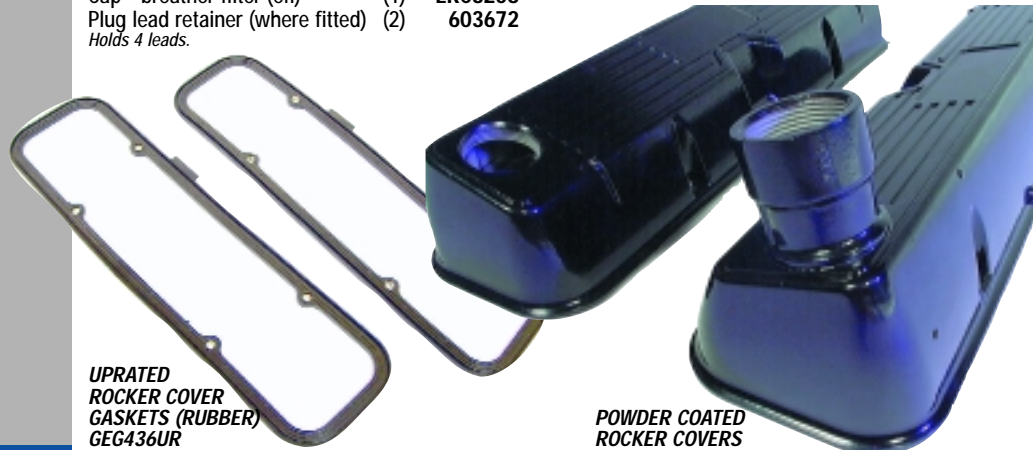
Performance cylinder heads (pair)(1) RB7467R
Reconditioned - exchange.
Note: use composite head gaskets.



Head gasket set - V8;		
3.5 litre models (1970 - 1992)		
tin head gaskets	(1)	GUG1066HS
composite head gaskets*	(1)	GUG1066HSC
3.9/4.2 litre models (1990 - 1994)		
3 rows of cylinder head bolts.		
tin head gaskets	(1)	RB7447
composite head gaskets*	(1)	RB7447C
3.9/4.2/4.0 & 4.6 (1995 on)	(1)	RA1233
2 rows of cylinder head bolts.		
With composite head gaskets.		

Head gasket only- V8;		
3.5 litre models (1970-1992)		
tin gasket	(2)	GEG340
composite gasket*	(2)	GEG340C
3.9/4.2 litre models (1990-1994)		
3 rows of cylinder head bolts.		
tin gasket	(2)	RB7448
composite gasket*	(2)	RB7448C
3.9/4.2/4.0 & 4.6 (1995 on)		
2 rows of cylinder head bolts.		
tin gasket	(2)	ETC7819
composite gasket*	(2)	ERR7217

*Composite head gaskets are thicker than standard tin gaskets and will therefore lower the engine's compression ratio. Ideal for raising compression ratio when heads/block faces have been skimmed. (Not applicable to 1995 on).
Approximate gasket thicknesses are as follows:
Standard (tin) gaskets 0.5mm
Composite gaskets 1.2mm

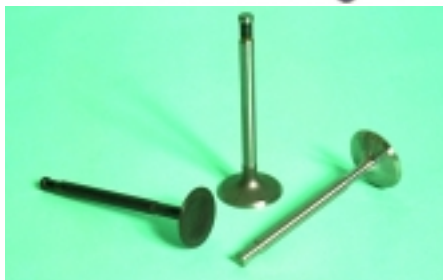


UPDATED ROCKER COVER GASKETS (RUBBER) GEG436UR

POWDER COATED ROCKER COVERS

V8 Cylinder Head Bolts

- Bolt - cylinder head - all models except late 3.9, 4.2 & Series 2 Range Rover; (See note below)
- long (7/16" UNC x 3.9") (6) **602193A**
 - medium (7/16" UNC x 2.7") (13) **602192A**
 - tapped bolt (7/16" x 2.7") (1) **602450**
Early models - for dipstick retainer.
 - double-ended bolt (7/16" x 2.7")(1) **602200**
Later models.
 - short (7/16" x 2 1/4") (8) **602191A**
- Bolt - cylinder head - late 3.9, 4.2 & Series 2 Range Rover; These bolts can be identified by their flanged head. They do not need a separate washer and can be used on earlier engines. However, they are not re-useable and must be replaced once removed.
- long (96mm) (6) **ERR2944**
 - medium (66mm) (14) **ERR2943**
- Note: the outer row of short bolts, or "outrigger" bolts, has not been used since the introduction of the Series 2 Range Rover.
- Washer - cylinder head bolts (28) **602098A**
- Cylinder head ARP stud kit (1) **RB7680**
See photo.



V8 Valves, Guides & Springs

Various different valves have been used since the Range Rover's introduction; most having the standard "Rover SD1" head diameter: inlet - 40mm, exhaust - 34mm. However, early models were fitted with the Rover P5/P6 type valves, which had a smaller head diameter. In order to benefit from the larger valve size, it would be more practical to fit a pair of later cylinder heads than to attempt to fit the larger valves to early heads.

Efi specification valves are standard SD1 head-diameter, with waisted stems just behind the valve head. The largest valves that can be fitted to the existing valve seats (later heads only), without the need for extensive machining, are our Big Valves (Inlet - 41.4 mm, exhaust - 35.5 mm, with waisted stems). These valves are particularly suited to large capacity engines.

Finally, the latest factory valves, as fitted to 3.9 & 4.2 engines since 1993, as well as the Series 2 Range Rover (4.0 & 4.6 engines), feature the same head diameter as SD1-type valves.

Note: all parts supplied are suitable for unleaded applications.

- Inlet valve;
- early engines (8) **602166**
Eng nos: 355 & 359, suffix A,B,C,D,E.
 - all other carb engines (8) **614088**
 - efi engines - 3.5, 3.9 & 4.2 litre;
 - up to eng nos: 35D06576A, 36D14149A, 37D00751A & 38D23045A (8) **ERC9088**
 - from above eng nos. on (8) **ERR1780**
 - Series 2 Range Rover (8) **ERR1780**
 - big valve (41.4mm head dia) (8) **RB7460**
- Exhaust valve;
- early engines (8) **602165**
Eng nos: 355 & 359, suffix A,B,C,D,E.
 - all other carb engines (8) **614089A**
 - efi engines
 - 3.5 litre (8) **ERC9089**
 - 3.9 & 4.2 litre (8) **ERR7338**
 - Series 2 Range Rover (8) **ERR7338**
 - big valve (35.5mm head dia) (8) **RB7461**
- Valve seat insert - inlet;
- early engines
 - standard size (8) **602052**
 - oversize + 0.010" (8) **602223**
 - all other models
 - including Series 2 Range Rover.
 - standard size (8) **ERC224A**
 - oversize + 0.010" (8) **ERC225A**
- Valve seat insert - exhaust;
- early engines
 - standard size only (8) **614639**
 - all other 3.5 litre engines
 - standard (8) **ERC210A**
 - oversize + 0.010" (8) **ERC211A**
 - 3.9, 4.2 litre & Series 2 Range Rover
 - standard (8) **ETC8596A**
 - oversize + 0.010" (8) **ERC211A**

- Valve guide - standard;
For use with standard cam.
- up to 1994 (16) **603554**
Plain-topped; oil seals on inlet only.
 - late 3.9, 4.2, 4.0 & 4.6 ('94 on)(16) **ERR3648**
For use only with matching valves. Machined top, for neoprene seals
- Valve guide - performance;
Shortened & bulletted, for use with performance cam.
- inlet (8) **RB7463**
 - exhaust (8) **RB7464**
- Valve stem oil seal;
- 1970 to 1993 (inlet only) (8) **ERC7865A**
 - 1994 onwards (inlet & exhaust)(16) **ERR1782**
Neoprene type. Not suitable for earlier models.
- Valve spring - standard;
- double - early engines
 - Engine nos: 341,355 & 359, suffix A,B,C,D,E.
 - inner (16) **602241A**
 - outer (16) **602240A**
 - single (16) **UKC8137**

- Valve spring - uprated - engine set;
- single (1) **RB7454**
Suitable for all engines with mild road camshaft. Uses standard retaining caps (ERC573).
 - double (see Note below) (1) **RB7455**
Suitable for all engines with performance camshaft. Special retaining caps required (ERC573S).
- Note: machining may be required to valve guide boss when fitting double valve springs to engines previously fitted with singles.
- Retaining cap - valve springs;
- early engines (16) **90602451A**
Fitted with double valve springs.
 - single valve springs (16) **ERC573A**
 - uprated double valve springs(16) **ERC573S**
- Split cotter - all models (32) **ERC1637A**

V8 Rocker Gear

The following parts are suitable for all models unless otherwise stated.

- Rocker shaft assembly (2) **611660A**
Assembled, ready to fit.
- Rocker build kit (2) **611660K**
Includes parts ready for assembly.
- Rocker shaft only (2) **606661A**
- Pedestal - rocker shaft (8) **603734A**
- Pedestal shims (1) **603734SH**
Includes three sets of shims of different thickness. Use to set "lifter preload" when fitting a new cam with higher lift than standard. See information panel, below.
- Rocker arm;
- original (alloy)
 - right hand (8) **602153**
 - left hand (8) **602154**
 - universal (16) **602154ALT**
Alternative steel arms.
- Spacer spring - rocker shaft (6) **602142A**
- End spring - rocker shaft (4) **602148A**
Wavy washer.
- End washer - rocker shaft (4) **602186A**
- Split pin - rocker shaft (4) **PC34**
- Push rod;
- standard (16) **603378**
 - heavy duty (16) **603378HD**
Larger diameter shaft. Cylinder head guide holes may need enlarging accordingly.
 - adjustable (set) (1) **603378ADJ**
see photo.



WHAT IS LIFTER PRELOAD?

"Lifter preload" refers to the position of the pushrod seat in the lifter (cam follower) when the engine has been assembled and the lifter is positioned on the heel of the cam. Lifter preload must be checked whenever a non-standard component which alters the distance between the rocker arm and the lifter - such as a high lift camshaft or performance cylinder head - has been fitted. Incorrect lifter preload will cause poor running, premature wear or, at worst, engine failure. Check the lifter preload as follows: With the lifters empty of oil, assemble the rocker shaft & pushrod components, making sure there is no wear in the rocker shafts, rocker arms & pushrods. Checking each lifter in turn, positioned on the heel of the cam, measure the gap between the pushrod seat and the bottom of the circlip groove. There must be a clearance of .020" minimum and .060" maximum at this position. If the clearance is greater than .060", use pedestal shims (603734SH) to decrease. Remember to use equal thickness shims under each pedestal of a shaft to avoid distortion or breakage.

DESCRIPTION	QTY REQ.	PART NO.
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V8 Camshaft & Kits

We supply a full range of standard camshafts. In addition, we offer uprated camshafts in 2 different profiles: *Mild Road* and *Fast Road*. **Standard** cams usually offer a good compromise between power, torque and economy. *Mild Road* will give a small increase in power and torque without loss of fuel economy. *Fast Road* gives greater power at higher revs with a slight loss of low-rev torque, though less so with larger capacity engines. Economy remains good.

Although considered to be the first step towards "uprating" the engine, changing the camshaft alone may not achieve the desired results. We recommend, in fact, that you consider the camshaft as one element of an engine upgrade, which might also include, for example, uprated cylinder heads and a sports exhaust. Consequently, having decided what attributes your engine will need - good low-end torque for towing or a smooth idle for automatic transmission - you can then select the appropriate components to suit from these pages. Remember to fit new followers (lifters) with a new cam.

Finally, all camshafts are interchangeable, with the exception of the Series 2 Range Rover versions: due to a change of design, these cams will not easily fit earlier engines.

Camshaft - standard;

See also camshaft kit.

1970 to 1986	
low compression engines	(1) ERC2003A
Compression ratios: 8.13, 8.25, 8.5:1.	
high compression engines	(1) ETC6849
Compression ratio: 9.35:1.	
1986 onwards	
carburettor engines	
low compression	(1) ERC2003A
high compression	(1) ETC6849
efi engines	
3.5 litre	(1) ETC6099
3.9 litre	(1) ERR5924
4.2 litre	(1) ERR5924
Series 2 Range Rover	
4.0 litre	(1) ERR3720
4.6 litre	(1) ERR4946

Camshaft - Performance;

See also: Camshaft Kit.

Mild Road	(1) RB7444
Straight swap for standard cam. No machining required. Use also Anti pump-up followers ERC4949HD and single springs RB7454.	
Fast Road	(1) RB7445
Machining required to valve guides & spring platforms.	
"If fitting without our modified heads, purchase cam kit RB7442, which includes double valve springs & heavy duty followers.	

Cam follower (hydraulic) all models;

standard	
each	(16) ERC4949A
set of 16	(1) ERC4949AK
heavy duty (anti-pump up)	
each	(16) ERC4949HD
set of 16	(1) ERC4949HDK

Camshaft kit - standard;

Suitable for all engines except Series 2 Range Rover.

3.5 litre	
kit 1	(1) RB7125
Includes standard cam & 16 standard followers.	
kit 2	(1) RB7489
Includes standard cam, 16 standard followers, timing chain, timing cover gasket & oil seal, 2 rocker cover gaskets, inlet manifold gasket & 2 inlet manifold seals.	
3.9 litre - see following.	



DESCRIPTION	QTY REQ.	PART NO.
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3.9 litre	
kit 1	(1) RA1424
Includes standard cam & 16 standard followers.	
kit 2	(1) RA1425
Includes standard cam, 16 standard followers, timing chain, timing cover gasket & oil seal, 2 rocker cover gaskets, inlet manifold gasket & 2 inlet manifold seals.	
Camshaft kit - Performance;	
Suitable for all models except Series 2 Range Rover. Kits include camshaft, anti pump-up followers, uprated valve springs, spring retaining caps, timing disc, cam lube & installation instructions.	
kit 1 - Mild Road	(1) RB7441
Power band: 1000 - 4500 rpm	
Valve lift: In 11.20mm Exh 11.20mm	
Timing: In 23/59 Exh 59/23.	
kit 2 - Fast Road	(1) RB7442
Power band: 1500 - 5000 rpm	
Valve lift: In 11.91mm Exh 12.44mm	
Timing: In 31/73 Exh 78/40.	
Installation kit - camshaft	(1) RB7488
Includes: standard timing chain, timing cover gasket & oil seal, inlet manifold gasket & seals and 2 rocker cover gaskets.	
All models except Series 2 Range Rover.	
Gasket - inlet manifold - all models;	
tin	(1) ERC3990
composite	(1) ERR7306
End seal - manifold gasket	
for tin gasket	(2) AJM645
for composite gasket	(2) ERR7283
Clamp - end seal	(2) 602076
Screw - seal clamp	(2) 602236

V8 Performance Camshaft Components

Anti pump-up followers	(16) ERC4949HD
Cam lube	(1) RX1358
Essential when installing a new cam & followers.	
Timing disc (Protractor)	(1) RX1359
Pedestal shims	(1) 603734SH
Includes three sets of shims of different thickness. Use to set "lifter preload" when fitting cams with higher lift than standard.	
Cam bearing set (for block)	(1) RTC5918
Woodruff key - camshaft;	
early engines	(1) 90602025
Engine nos: 341,355 & 359, suffix B,C,D,E.	
all other engines	(1) ERC2838

V8 Timing Chain

Timing chain - all models;	
standard	(1) ERC7929A
adjustable - kit	(1) RB7449
Includes vernier camshaft sprocket, crank sprocket and double roller chain. Also includes timing protractor and Allen key. Allows extremely accurate cam timing whilst eliminating wear common in original parts.	
Chain only - double roller	(1) RB7450
Camshaft sprocket - for standard chain;	
all models to Series 2 Range Rover	
standard (nylon teeth)	(1) 610289A
uprated (steel teeth)	(1) 610289V
Series 2 Range Rover	(1) ERR5086
Crankshaft sprocket - all models	(1) 90602372A
Spacer - camshaft;	
mechanical fuel pump type	(1) 602149
all other vehicles	(1) ERC2839A
Not Series 2 Range Rover.	
Distributor drive gear - camshaft;	
early engines	(1) 602159
Engine nos: 341,355 & 359, suffix B,C,D,E.	
all other engines	(1) 614188A
Not Series 2 Range Rover.	
Washer - camshaft	(1) ERC6552
All engines except Series 2 Range Rover.	

V8 CAM, FOLLOWERS & BEARINGS

DESCRIPTION	QTY REQ.	PART NO.
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Bolt - camshaft;	
All engines except Series 2 Range Rover.	
7/16" UNF x 1 1/8"	
standard	(1) 602227A
uprated	(1) 602227UR
M12 x 30mm (Alternative)	(1) ERC5749
Flanged bolt - camshaft (M10 X 30)	(1) FS110301L
Series 2 Range Rover.	
Thrust plate - camshaft	(1) ERR2609
Series 2 Range Rover.	
Screw - thrust plate	(2) SH505061
Woodruff key - camshaft;	
early engines	(1) 90602025A
Engine nos: 341,355 & 359, suffix B,C,D,E.	
all other engines	(1) ERC2838

V8 Timing Cover & Fittings

The timing cover fitted to early vehicles incorporates an oil pump gear-housing designed for the early, "short" oil pump gears. Later timing covers have a larger gear-housing, accommodating the longer pump gears, used until the introduction of the crank-driven oil pump. Although the two types of timing cover are interchangeable, the oil pump gears and distributor would also need to be changed. If, however, uprating the early oil pump is your goal, purchase Oil Pump Kit RB7480, which contains a spacer plate and longer gears, along with the correct distributor drive, and fit to the early timing cover. (RB7480 is not suitable for later timing covers).

The timing cover fitted to the Series 2 Range Rover is of an updated design, unsuitable for earlier models due to the fact that there is no provision for a distributor. There is, however, an "intermediate" timing cover, fitted to late 3.9 and 4.2 models immediately prior to the introduction of the Series 2 Range Rover, which includes a combination of features from both types, such as the crank-driven oil pump and conventional distributor. Although this timing cover will fit earlier models, the oil pump drive requires a "long-nose" crank, not fitted to earlier engines.

Timing cover;

short-gear oil pump engines	(1) 613260
Engine nos: 341,355,359 & 398, suffix A,B,C,D,E.	
long-gear oil pump engines	(1) ETC7385
Engine nos: 341,355,398, suffix F and all other engines up to 1995.	
3.9 & 4.2 litre (1995 onwards)	(1) ERR3434
Engine nos: 35D08928B, 36D25155B, 37D02090B, 38D27238B & 40D09582B onwards.	
intermediate engines	(1) ERR6814
Crank-driven oil pump, from VIN MA650326 (1995).	
Series 2 Range Rover	(1) ERR6438
Gasket - timing cover;	
all engines up to 1995	(1) 603775A
3.9 & 4.2 litre (1995 onwards)	(1) ERR7280
Engine nos: 35D08928B, 36D25155B, 37D02090B, 38D27238B & 40D09582B onwards.	
Series 2 Range Rover	(1) ERR7280
Timing cover oil seal (front);	
early type	(1) 602178
For engine nos: 355 & 359, suffix A.	
all other models	(1) ERR6490
Screw-on retainer type.	
Retainer - oil seal	(1) 247766
Where fitted.	
Screw - retainer	(8) 78782
Timing pointer - all models	(1) ETC7345
Screw - timing pointer	(2) HU755
Washer	(2) WM600041
Bolt - timing cover to block;	
up to 1992	
5/16" UNC x 3"	(1) BH505241
lower bolt	(1) 602388
5/16" UNC x 1 1/8"	(1) SH505091
1992 onwards (flanged)	(5) FB505251S
	(1) FB505311S
	(3) FB505381S
Series 2 Range Rover (flanged)	(5) FB505171S
	(4) FB505241S
Nut - timing cover retaining	(1) NH605041
All models except Series 2 Range Rover.	
Dowel - water pump locating	(2) 602201
All models except Series 2 Range Rover.	
Blanking plate - fuel pump	(1) 610030
Early models fitted with electric fuel pump.	
Gasket - blanking plate	(1) 602180
Oil pressure switch	(1) STC4104
Series 2 Range Rover - fitted to timing cover.	

DIESEL ENGINES

Diesel engines were introduced as an option for the Range Rover in April 1986. The first diesel engine fitted was the (Italian) VM 2400 4-cyl, which was turbocharged and intercooled for the Range Rover application. This is essentially the same engine as fitted to the Rover SD1 saloon from 1982 onwards, except that the slightly lower powered SD1 engine was not fitted with an intercooler. In October 1989, the 2400 TD engine was replaced by the 2500TD, which is a longer stroke version of its predecessor. Vehicles fitted with VM turbo diesel engines were only available with manual transmission. In November 1992, the VM 2500TD engine was replaced by Land Rover's own diesel unit, the 200Tdi, which was already fitted to the Discovery and Defender. In March 1994, the 200Tdi was replaced by the 300Tdi. Like the VM engines, the 200 & 300Tdi are (2500cc) 4-cyl turbocharged and intercooled diesels. Unlike the Italian diesels, however, they are direct injection engines. Only the 300Tdi was available from Land Rover with automatic transmission.

Engine Identification

2400 TD VM engines begin 11A, followed by a serial no. 2500TD VM engines begin 95A, followed by a serial no. 200Tdi engines begin 14L, with a serial no. 300Tdi engines begin with one of the following:

17L
18L
19L
20L
21L
22L

depending on engine & transmission type, followed by a serial no.

Full Engines - Diesel

Full engine (new);

2400 TD	(1) ETC9091N
<i>Complete engine, including flywheel, clutch, water pump & pulleys, turbocharger and injectors. Less electrics.</i>	
2500 TD	(1) ETC9104N
<i>Complete engine, including flywheel, clutch, water pump & pulleys, turbocharger and injectors. Less electrics.</i>	
200Tdi -	
complete (air con)	(1) STC1173N
<i>Includes: flywheel, clutch & electrics.</i>	
bare	(1) STC1065N
300 Tdi (bare)	(1) STC1736N

200/300Tdi PERFORMANCE UPRATE KIT

We can supply a WBH Performance Engine Uprate Kit for the 200/300Tdi engine. The kits are available to special order only and comprise a modified cylinder head, injector pump and turbo boost capsule. The result is a 30% gain in power over a standard engine, which equates to 150bhp and 250ft/lb of torque (200Tdi figures. 300Tdi are better still). Fuel consumption is unaffected, with tests showing an average 29mpg over long distances and 26mpg around town. 200/300Tdi Performance Uprate Kits are available for DIY fitting or, alternatively, we can arrange fitting locally. Please contact our Sales Department for details, including a full test report. Quote part no. RA1436.

Cylinder Block Components - 2400/2500TD

The following parts are suitable for both 2400TD & 2500TD engines unless otherwise indicated.

Liner - cylinder block	(4) AEU2001L
Oil pressure valve	(1) AEU2195
Piston & rings;	
2400TD	(4) AEU2909
2500TD	(4) RTC6646
Piston rings only	(4) LFP10081L
Gudgeon pin	(4) RTC5003
Spring ring - gudgeon pin	(4) AEU2042
Con rod assembly;	
2400TD	(4) AEU2036L
2500TD	(4) RTC6645
Bush - little end	(4) AEU2037
<i>2400TD only.</i>	
Bolt - con rod	(8) AEU2038L
Bearing set - big end;	
standard	(1) AEU2039L
o/size (0.25mm)	(1) AEU2040L
o/size (0.5mm)	(1) AEU2041L

Crankshaft - 2400/2500TD

The following parts are suitable for both 2400TD & 2500TD engines unless otherwise indicated.

Crankshaft - new;	
2400TD	(1) AEU2007
2500TD	(1) RTC6653
Bearing set - main;	
standard	(1) STC651S
o/size (0.25mm)	(1) RTC276525L
Thrust washer;	
<i>(For 2500TD, quantity = 1)</i>	
standard	(2) AEU2020
o/size (0.10mm)	(2) AEU2021
o/size (0.20mm)	(2) AEU2022L
Spigot bearing - input shaft	(1) ETC9043
Oil seal - crankshaft;	
rear	(1) RTC6710
front	(1) RTC6771
O ring - crankshaft rear	(1) GUG705649GM
Housing - crank bearing;	
centre	(1) AEU2023
rear	
2400TD	(1) AEU2028
2500TD	(1) RTC6709
Jet valve - crank bearing housing;	
centre	(1) AEU2294
rear	(1) AEU2794L

Cylinder Block Components - 200/300Tdi

The following parts are suitable for both 200 & 300 Tdi engines unless otherwise indicated.

Cam bearing;	
front	(1) ETC8442
rear	(3) 90519055
Jet assembly - piston;	
numbers 1 & 3	(2) ETC6531
numbers 2 & 4	(2) ETC6532
Piston ring - standard;	
200Tdi	(4) RTC6457
300Tdi	(4) STC958
Bush - little end;	
200Tdi	(4) ETC7286
300Tdi	(4) ERR2419
Bearing set - big end;	
standard	(1) RTC2993
o/size (0.010")	(1) RTC299310

Crankshaft - 200 & 300Tdi

The following parts are suitable for both 200 & 300Tdi engines unless otherwise indicated.

Crankshaft;	
200Tdi	(1) ERR1181
300Tdi	(1) ERR2112
Bearing set - main (standard)	(1) STC3395
Thrust washer;	
standard	(as req'd) RTC2825
o/size (0.025")	(a/r) 538131
o/size (0.050")	(a/r) 538132
o/size (0.075")	(a/r) 538133
o/size (0.10")	(a/r) 538134
Spigot bush	(1) 8566L
Oil seal - crankshaft;	
rear	(1) ERR2532
front	
inner	(1) ERR1632
outer	(1) ETC4154

Camshaft - Diesel

Camshaft;	
2400/2500TD	(1) BAU5313L
200Tdi	(1) ETC7128
300Tdi	(1) ERR3547
Thrust plate - camshaft;	
2400/2500TD	(1) AEU2137L
200Tdi	(1) ERC1561
300Tdi	(1) ERR3754
Oil seal - camshaft (300Tdi)	(1) ERR3356
Bearing - camshaft;	
2400/2500TD	
standard	(1) AEU2134L
o/size (0.25mm)	(1) AEU2135L
200/300Tdi	
front	(1) ETC8442
rear	(3) 90519055

MORE STOCK EVERY DAY

If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.

DESCRIPTION QTY REQ. PART NO.

Oil Pump - Diesel

Oil pump assembly		
2400/2500TD	(1)	AEU2144L
200Tdi	(1)	ERR1178
'O' ring - oil pump (2400TD only)	(1)	AEU2145L
<i>Note: new oil pumps do not use 'O' ring.</i>		
Gasket - oil pump (200Tdi)	(1)	ERC8408
Relief valve - oil pressure		
2400/2500TD	(1)	AEU2875
200Tdi	(1)	ETC4880
300Tdi	(1)	ERR1085
Spring - relief valve		
2400/2500TD	(1)	RTC6770
200Tdi	(1)	564456
300Tdi	(1)	ERR1084
Oil Filter;		
2400/2500TD	(1)	AEU2218L
200/300Tdi	(1)	ERR3340
Thermostat valve - oil cooler;		
2400/2500TD	(1)	AEU2220L
200/300Tdi	(1)	ERC5923
Switch - oil pressure (all models)	(1)	PRC6387

Cylinder head - Diesel

Cylinder head assembly;		
2400TD	(4)	STC653
2500TD	(4)	STC1347
200Tdi	(1)	RTC6896
300Tdi	(1)	ERR5027
Gasket - cylinder head;		
2400/2500TD (<i>Individual gaskets</i>)		
1.42mm	(4)	STC1570
1.52mm	(4)	STC1571
1.62mm	(4)	STC1844
200/300Tdi (<i>single gasket</i>)		
1.3mm	(1)	ERR5261
1.4mm	(1)	ERR5262
1.5mm	(1)	ERR5263
Valve - inlet;		
2400/2500TD	(4)	AEU2296
200Tdi	(4)	ERR1157
300Tdi	(4)	ERR3777
Valve - exhaust;		
2400/2500TD	(4)	RTC4916
200/300Tdi	(4)	ERR1156
Seal - valve stem (200/300Tdi)	(8)	ETC8663
Valve guide;		
2400/2500TD	(8)	AEU2045
200/300Tdi	(8)	LGJ100880
Valve spring;		
2400/2500TD	(8)	AEU2051
200/300Tdi	(8)	ERR4640

DESCRIPTION QTY REQ. PART NO.

Glow plug;		
2400/2500TD	(4)	ADU9955
200/300Tdi	(4)	ETC8847
Gasket - rocker cover;		
2400/2500TD	(4)	AJM4460
200Tdi	(1)	ERR2393
300Tdi	(1)	ERR2409
End plug - cylinder head (200Tdi)	(2)	ERR765

Rocker Gear - Diesel

Rocker assembly - complete	(4)	AEU2059L
<i>2400/2500TD models.</i>		
Rocker arm;		
2400/2500TD		
inlet	(4)	LGQ10007
exhaust	(4)	LGQ10008L
200Tdi		
right	(4)	ERR1202
left	(4)	ERR1201
300Tdi		
right	(4)	ERR3343
left	(4)	ERR3342
Rocker shaft;		
200Tdi	(1)	ERR4682
300Tdi	(1)	ERR4848
Pushrod;		
2400/2500TD	(8)	AEU2070
200/300Tdi	(8)	546799
Follower;		
2400/2500TD	(8)	AEU2069
200/300Tdi	(8)	RTC6564

Miscellaneous Components - Diesel

Tensioner - timing belt;		
200Tdi	(1)	ERR2530
300Tdi	(1)	ERR1972
Tensioner - auxiliary - 300Tdi	(1)	ERR4708
Idler pulley - 200Tdi	(1)	ETC8560
Cold start unit - 2400/2500TD	(1)	RTC5624
Vacuum pump (for brake servo);		
2400TD	(1)	RTC4995
2500TD	(1)	RTC6644
200TDI	(1)	ERR535
300Tdi	(1)	ERR3539
Turbo assembly - new;		
2400/2500TD	(1)	RTC4910
200Tdi	(1)	ETC7461
300Tdi (includes manifold)	(1)	ERR4802
Wastegate (turbo) - 2400/2500TD	(1)	RTC5017

DESCRIPTION QTY REQ. PART NO.

Gaskets & Oil Seals - Diesel

Gasket sets - engine;		
<i>For a complete engine rebuild, order one of each set.</i>		
<i>Note: cylinder head gaskets are not included.</i>		
2400/2500TD		
upper	(1)	STC850
lower	(1)	STC1623
200Tdi		
upper	(1)	STC1172
lower	(1)	STC1557
300Tdi		
upper	(1)	RA1234
lower	(1)	RA1235
Individual gaskets ;		
cylinder head - 2400/2500TD;		
<i>4 required per engine</i>		
1.42mm	(a/r)	STC1570
1.52mm (2 notch)	(a/r)	STC1571
1.62mm (1 notch)	(a/r)	STC1844
cylinder head - 200/300Tdi;		
<i>1 required per engine</i>		
1.3mm	(1)	ERR5261
1.4mm	(1)	ERR5262
1.5mm	(1)	ERR5263
rocker cover;		
2400/2500TD	(4)	STC814
200Tdi	(1)	ERR2393
300Tdi	(1)	ERR2409
front cover;		
2400TD only	(1)	STC2905
200Tdi		
inner	(1)	538039
outer	(1)	ERR1195
300Tdi		
inner	(1)	ERR4860
outer	(1)	ERR7293
inlet manifold - 2400/2500TD	(4)	STC804
exhaust manifold - 2400/2500Tdi;		
to cylinder head	(4)	RTC4893
to turbo	(1)	RTC5004
inlet/exhaust manifold;		
200Tdi	(1)	ERR1208
300Tdi	(1)	ERR3785
exhaust manifold to turbo;		
200Tdi	(1)	ETC7514
turbo to exhaust;		
2400/2500TD	(1)	RTC4894
200Tdi	(1)	ETC7513
Oil seal - crankshaft - 2400/2500TD;		
rear	(1)	RTC6710
front	(1)	RTC6771
O ring - crankshaft (rear)	(1)	GUG705649GM
<i>2400/2500TD.</i>		
Oil seal - crankshaft - 200/300Tdi;		
rear	(1)	ERR2532
front		
inner	(1)	ERR6490
outer	(1)	ETC4154
Oil seal - camshaft (300Tdi only)	(1)	ERR3356
'O' ring - oil pump (2400TD only)	(1)	AEU2145
<i>Note: new oil pumps do not use 'O' ring.</i>		
Gasket - oil pump (200Tdi)	(1)	ERC8408
Seal - valve stem (200/300Tdi)	(8)	ETC8663
End plug - cylinder head (200Tdi)	(2)	ERR765

Flywheel - Diesel

Flywheel;		
2400/2500TD	(1)	RTC4945
200 & 300Tdi	(1)	ERR719
Ring gear only;		
2400/2500TD	(1)	RTC4927
200/300Tdi	(1)	568431



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Clutch Components

Clutch kit - V8;

Kit includes clutch cover, plate, release bearing & clip.

4-sp (LT95)	(1)	GCK203
5-sp		
3.5 litre	(1)	GCK204
3.9 litre		
up to 1991 (VIN HA)	(1)	GCK775
1992 (VIN JA) onwards	(1)	RA1091
<i>3.9 & 4.2 litre engines.</i>		

Clutch kit - diesel;

Kit includes clutch cover, plate, release bearing & clip.

2400TD	(1)	RA1092
2500TD	(1)	RA1093
200/300Tdi	(1)	RA1093

Clutch cover - V8;

4-sp (LT95)	(1)	576476
5-sp		
3.5 litre	(1)	576476
3.9 litre		
up to 1991 (VIN HA)	(1)	FTC813
1992 (VIN JA) onwards	(1)	FTC2001
<i>3.9 & 4.2 litre engines.</i>		

Clutch cover - diesel - all models (1) **URB100760**
Factory-fitted diesel engines only.

Clutch plate - V8;

4-sp (LT95)	(1)	FRC6631
5-sp		
3.5 litre	(1)	FRC6685
3.9 litre		
up to 1991 (VIN HA)	(1)	FTC814
1992 (VIN JA) onwards	(1)	FTC2002
<i>3.9 & 4.2 litre engines.</i>		

Clutch plate - diesel;

2400TD	(1)	FTC148
2500TD	(1)	FTC4204
200/300 Tdi	(1)	FTC4204

Release bearing - all models (1) **FRC9568**
Including V8 & diesel.

Retaining clip - release bearing;
V8 - all models (1) **576203**
diesel

2400/2500TD	(1)	576203
200/300Tdi	(1)	FRC3416

Alignment tool - clutch (1) **RX1386T**
All models excluding early 4-sp LT77 large spline.

Flywheel

Flywheel;
V8 (all models) (1) **ERR5575**
diesel

2400/2500TD	(1)	RTC4945
200/300Tdi	(1)	ERR719

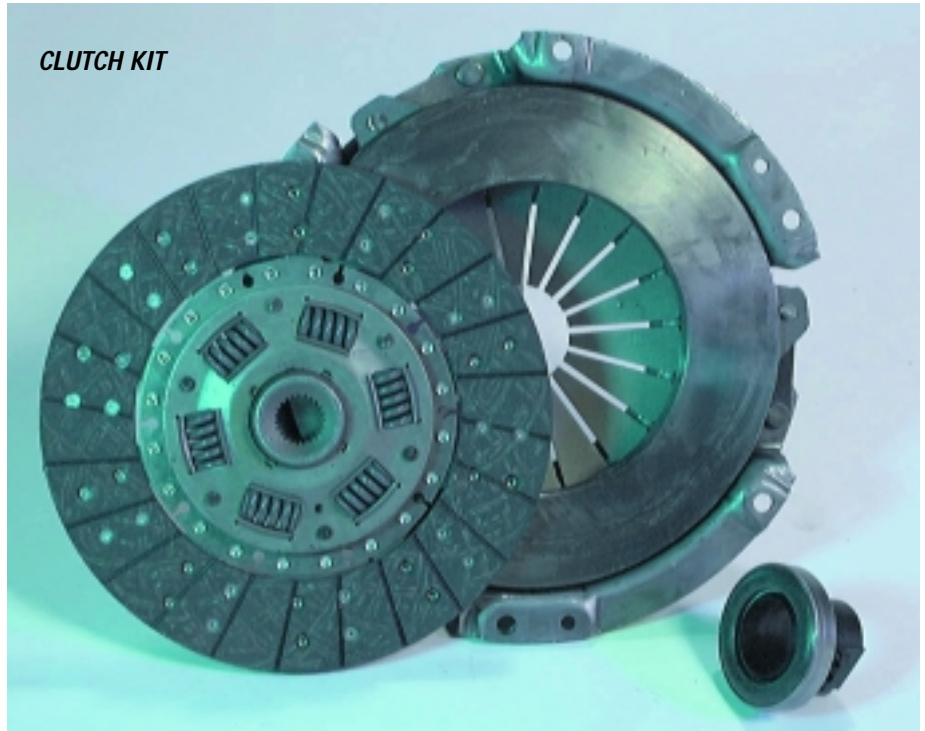
Ring gear only;
V8 (all models) (1) **611323A**
diesel

2400/2500TD	(1)	RTC4927
200/300Tdi	(1)	568431



PHOTO COURTESY OF BMIIT

CLUTCH KIT



Clutch Release Mechanism

Release fork - clutch - V8;
3.5 litre (1) **576137**
4-sp & 5-sp.
3.9 litre

up to eng no.35D07802A (1) **576137**
eng no.35D07803A onwards (1) **FTC2957**
Approx. 1992 up to March 1994.
(Fitted with LT77S gearbox).

March '94 onwards (1) **576137**
(Fitted with R380 gearbox).

Release fork - clutch - diesel;
2400/2500TD models (1) **576137**
200Tdi

up to eng no.14L01313A (1) **576137**
eng no.14L01314A onwards (1) **FTC2957**
Approx. 1992 to March 1994.
(Fitted with LT77S gearbox).

March 1994 on (1) **FTC2957**
(Fitted with R380 gearbox).

Pivot pin;
4-sp (1) **594176**

5-sp (1) **FRC2528**
LT77 & LT77S
All models up to March 1994.

R380 (V8 only) (1) **FRC2528**

Cap - pivot pin (1) **571161**
All V8 models and diesel models to March 1994.

Retainer clip - pivot (1) **571163**
All models up to March 1994.



CLUTCH PIVOT PIN, CAP & CLIP



CLUTCH MASTER & SLAVE CYLINDER

Clutch Master Cylinder

Master cylinder;
V8 models
up to 1994 (VIN LA) (1) **AEU1714**
1995 (VIN MA) onwards (1) **ANR2186**
diesel - all models (1) **AEU1714**

Repair kit - master cylinder;
early models (to approx.1973) (1) **868730**
See note below.

all models from 1973 on (1) **BAU1252**
Note: on pre 1973 models, check for an identification groove running around the base of the master cylinder, close to the mounting flange; early models should not have a groove. If there is a groove, the master cylinder has been replaced with the later type and the later repair kit should be ordered.

Filler cap - master cylinder (1) **513123**
All models.

HELP US TO HELP YOU

If you are not sure which part/part number you require, to help ensure you receive the correct component, wherever possible please quote:

MODEL, YEAR, CHASSIS AND/OR ENGINE NUMBER PLUS ANY COMPONENT INFORMATION.

Clutch Slave Cylinder

Slave cylinder - V8 models; All 3.5 litre models 4-sp & 5-sp. 3.9 litre	(1)	TKC2786P
up to eng no.35D07802A eng no.35D07803A onwards <i>Approx. 1992 up to March 1994. (Fitted with LT77S gearbox).</i>	(1)	TKC2786P FTC2498
March 1994 onwards <i>(Fitted with R380 gearbox).</i>	(1)	FTC5072
Slave cylinder - diesel models; 2400/2500TD models 200Tdi	(1)	TKC2786P
up to eng no.14L01313A eng no.14L01314A onwards <i>Approx. 1992 to March 1994. (Fitted with LT77S gearbox).</i>	(1)	TKC2786P FTC2498
March 1994 onwards <i>(Fitted with R380 gearbox).</i>	(1)	FTC5072
Repair kit - slave cylinder <i>Suitable for petrol & diesel models up to 1992 only.</i>	(1)	514244
Push rod - slave cylinder; V8 models		
up to March 1994	(1)	571160
March 1994 onwards <i>(Fitted with R380 gearbox).</i>	(1)	FTC3913
diesel		
up to March 1994	(1)	571160
March 1994 onwards <i>(Fitted with R380 gearbox).</i>	(1)	FTC3912
Fixing clip - pushrod; all V8 models	(1)	576723
diesel models		
up to March 1994	(1)	576723
March 1994 onwards <i>(Fitted with R380 gearbox).</i>	(1)	FRC3327
Bleed screw - slave cylinder <i>All models.</i>	(1)	606733



CLUTCH FLUID

Clutch Hoses

Pipe - master cylinder to flexi-hose; all V8 and VM diesel models rhd		
up to VIN 112528 (1981)	(1)	90577517
VIN 112529 (1981) on	(1)	NRC9019
lhd - all models	(1)	ANR3386
200/300Tdi models (Nov 1992 on)		
rhd	(1)	NTC7573
lhd	(1)	ANR2039
Flexible hose; all V8 models	(1)	NRC2211
all diesel models	(1)	NTC3400
Pipe - flexi-hose to slave cylinder; V8 models		
4-sp	(1)	577643
5-sp		
up to VIN KA633398 (1993)	(1)	NRC8975
VIN KA633399 (1993) on	(1)	ANR2183

2400/2500TD models. up to VIN KA633398 (1993)	(1)	NTC3401
VIN KA633399 (1993 on)	(1)	ANR2004
200/300 Tdi models		
long pipe	(1)	ANR2039
short pipe	(1)	ANR2040
Clutch damper - diesel models	(1)	STD10002

Clutch Fluid

Fluid - clutch & brake; Unipart (Dot 3) - 1 litre silicone	(1)	GBF103
0.5 litre	(1)	RX1327
1 litre	(1)	RX1326
Pedal rubber - clutch <i>All models.</i>	(1)	575818



PHOTO COURTESY OF BMIHT

Engine & Gearbox Mountings

All V8 models from 1970 until mid 1994 are fitted with the same type of engine mountings. From mid 1994 (VIN prefix LA), a redesigned front cover (incorporating a crank-driven oil pump) is fitted to V8 models; as a result, the engine mountings have been altered. The changes affect the following engine numbers onwards:

3.9 litre - 35D08928B, 36D25155B, 37D02090B & 38D27238B.
4.2 litre - 40D09582B.

Engine mounting - V8; up to mid 1994 (all models)	(2)	STC434
from mid 1994 onwards		
rh	(1)	ANR2803
lh	(1)	ANR2804
Engine mounting - diesel; 2400/2500TD		
front	(2)	NTC3241
rear		
rh	(1)	NTC7270
lh	(1)	NTC3242
200Tdi	(2)	ANR2488
300Tdi	(2)	NTC9416

Nut - engine mounting; all V8 & 300Tdi (M12)	(4)	FX112041L
2400/2500TD - fr & rr (M10)	(4)	GHF233
200Tdi (M16)	(4)	NY116041L
Gearbox mounting - manual; All models.		
4-sp	(2)	STC434
5-sp		
up to 1985 (VIN BA)	(2)	STC434
1986 (VIN CA) onwards	(2)	NTC5890
Gearbox mounting - automatic; All models.		
3-sp	(2)	STC434
4-sp		
up to 1994 (VIN LA)	(2)	NTC5890
1995 (VIN MA) onwards	(2)	ANR2805

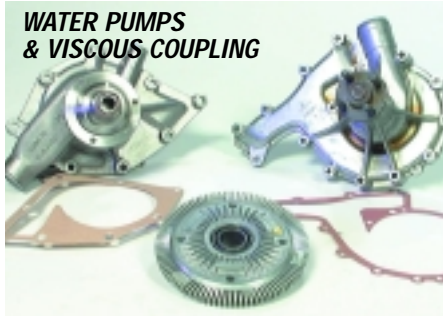
Gearbox mounting - rear 200/300Tdi models only.	(1)	NTC6282
Nut - gearbox mounting; Note: original engine & gearbox mountings fitted to early Range Rovers had UNF threads (use nut NH606041 for original mounts). Replacement mountings currently supplied have metric threads. The nuts listed below are suitable for the replacement engine mounts (i.e. metric threads).		
manual		
4-sp	(4)	FX112041L
5-sp		
up to 1985 (VIN BA)	(4)	FX112041L
1986 (VIN CA) onwards	(4)	GHF202
automatic		
3-sp	(4)	FX112041L
4-sp	(4)	GHF202



ENGINE & GEARBOX MOUNTS



PHOTO COURTESY OF BMIHT



WATER PUMPS & VISCOUS COUPLING

Water Pump

Water pump - V8 - 1970 to Oct 1985;		
non air con		
early vehicles - standard	(1)	STC1611
<i>With direct driven metal fan.</i>		
early vehicles - optional	(1)	GWP317
<i>With viscous driven, 13-blade fan.</i>		
engine nos: 341,355,359	(1)	GWP316
<i>Suffix C,D & E. 7-blade fan on engine side of viscous unit.</i>		
all other models	(1)	STC1610
<i>7-blade fan fitted to radiator side of viscous unit.</i>		
with air con		
1970 to 1982	(1)	STC486
<i>7-blade fan fitted to engine side of viscous unit.</i>		
1982 to 1986	(1)	STC482
<i>7-blade fan fitted to radiator side of viscous unit.</i>		
Water pump - V8 - 1986 on;		
<i>Efi & carb vehicles, with & without air con.</i>		
<i>Note: vehicles from VIN MA650327 (1995) onwards are fitted with a redesigned front cover, incorporating a crank-driven oil pump.</i>		
up to VIN MA650326 (1995)	(1)	STC483
VIN MA650327 (1995) on	(1)	STC4378
Water pump - diesel;		
2400TD	(1)	RTC4925
2500TD	(1)	RTC6666
200Tdi	(1)	RTC6395
300Tdi	(1)	STC1086

Water Pump Fittings

Gasket - water pump - V8;		
up to VIN MA650326 (1995)	(1)	ERR2428
VIN MA650327 (1995) on	(1)	ERR4077
Gasket - water pump - diesel;		
2400/2500TD	(1)	AEU2183
200 Tdi	(1)	ERR388
300Tdi	(1)	ERR3284
Hose - water pump to engine - V8;		
carb vehicles	(1)	ERC2320
efi vehicles		
3.5 engines	(1)	ERC2319
3.9 engines		
heater supply	(1)	ETC6889
<i>From inlet manifold.</i>		
heater return	(1)	ETC6890
<i>To water pump.</i>		
Hose clips for above	(2)	CN100308
Hose - water pump - diesel;		
by-pass hose		
2400TD	(1)	RTC4959
2500TD	(1)	RTC6668
200Tdi	(1)	ERR1361
drain hose - 2500TD	(1)	RTC6669
Hose clips for above	(2)	EAC22723
Viscous coupling - V8;		
carb vehicles		
early vehicles (13-blade fan)	(1)	603930
engine nos: 341,355 & 359	(1)	ERC1468
<i>Suffixes A,B,C,D & E.</i>		
<i>7-blade fan fitting to engine side of viscous unit.</i>		
all other carb models	(1)	ERC2849
<i>fan fits to radiator side of viscous unit.</i>		
efi vehicles		
with 7-blade fan	(1)	ERC2849
with 11-blade fan	(1)	ETC1260
<i>Alternative for warmer climates.</i>		
Viscous coupling - diesel;		
2400/2500TD	(1)	ETC1260
200Tdi	(1)	ETC7238
300Tdi	(1)	ERR2266

Drive Belts

Drive belt - water pump - V8;		
1970 to 1985		
non air con	(1)	613602
with air con	(1)	614670
1986 onwards		
to VIN MA650326 (1995)	(1)	611612
<i>With & without air con.</i>		
VIN MA650327 (1995) on		
non air con	(1)	ERR4461
with air con	(1)	ERR4623
Drive belt - water pump - diesel;		
2400TD		
rhd	(1)	ETC9002
lhd	(1)	ETC9019
2500TD		
rhd	(1)	ERR416
lhd	(1)	ERR914
200Tdi	(1)	ERR810
300Tdi	(1)	ERR3287
Drive belt - air conditioning;		
compressor belt;		
V8		
up to VIN MA650325 (1995)	(1)	611612
VIN MA650326 (1995) on	(1)	ERR4623
diesel		
2400/2500TD	(1)	ETC9009
200 Tdi	(1)	ETC9009
300 Tdi	(1)	ERR2215
idler pulley belt - V8	(1)	ERC675
<i>Up to Oct 1985.</i>		



KENLOWE FAN KIT

Kenlowe Fan

Kenlowe electric fan kit;		
V8 (3.5, 3.9/4.0 & 4.2)		
without air con	(1)	RA1094
with air con	(1)	RA1095
diesel	(1)	RA1096

Kenlowe Engine Hotstart & Interior Pre-Heater Systems

The ultimate in comfort & convenience: Kenlowe Engine Hotstart is a mains-powered pre-heater and coolant pump. Fitted in a convenient position in the engine bay, Hotstart rapidly heats the engine to operating temperature and holds it there, eliminating the engine wear, extra fuel costs and de-icing associated with cold winter mornings. Kenlowe Interior Pre-Heater works in conjunction with Hotstart, pre-heating the car's interior (as well as demisting iced-up windows) before you even turn on the ignition, making the start of your journey safer and more comfortable.

Kenlowe 'Hotstart'		
engine pre-heater	(1)	RX1361
engine & interior pre-heater	(1)	RX1362

MORE STOCK EVERY DAY

If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.



KENLOWE HOTSTART

RADIATOR & HOSES



Radiator

Radiator - V8		
3.5 litre		
1970 to 1985 (VIN BA)		
non air con	(1)	575971
with air con	(1)	NRC4448
1986 (VIN CA) onwards	(1)	ESR80
3.9 & 4.2 litre;		
manual		
up to 1994 (VIN LA)	(1)	ESR75
1995 (VIN MA) onwards	(1)	ESR3688
automatic		
up to 1992 (VIN JA)	(1)	ESR74
1993 (VIN KA) onwards	(1)	ESR3687
Radiator/oil cooler - diesel;		
Reconditioned.		
2400TD		
up to VIN FA361896 (1989)	(1)	BTP1362
VIN FA361897 (1989) on	(1)	BTP1742
2500TD	(1)	BTP1831
200 Tdi	(1)	BTP1823S
300 Tdi	(1)	ESR3689
Includes intercooler.		
Mounting rubber - radiator	(4)	572312A
All models.		
Filler plug - radiator;		
1970 to 1985	(1)	ARA2634B
all other vehicles	(1)	ERR4686
Sealing washer - filler plug;		
for ARA2404	(1)	URP1208L
for NTC4609	(1)	ERR4685
Drain plug - radiator	(1)	607026
Early vehicles.		
Washer - drain plug	(1)	607027

Expansion Tank

Expansion tank - petrol & diesel;		
1970 to 1986 (VIN CA)	(1)	575972
1986 to VIN EA336626 (1988)	(1)	NTC4084
VIN EA336627 to 1989 (VIN FA)	(1)	SFR55
1990 (VIN GA) onwards	(1)	ESR63
Pressure cap - petrol & diesel;		
all models 1970 to 1990 (VIN GA)	(1)	PCD100150
1990 to 1994 (VIN LA)	(1)	PRC7925
Combined pressure cap & low coolant sensor.		
1995 (VIN MA) onwards	(1)	NTC7161
15 psi.		
Sensor - low coolant (separate)	(1)	PRC5077
Petrol & diesel models, if fitted.		

Radiator Hose Kits - V8

Kits include radiator hoses & clips.

Hose kit - V8 - 3.5 litre;		
1970 to Oct 1985		
non air con	(1)	RA1237
with air con	(1)	RA1238
1986 onwards		
carb models	(1)	RA1239
efi models	(1)	RA1240
Hose kit - V8 - 3.9 & 4.2 litre;		
1988 to VIN EA351032	(1)	RA1241
VIN EA351033 to VIN GA (1990)	(1)	RA1242
VIN GA to VIN LA (1994)	(1)	RA1243
1995 to MA652456	(1)	RA1244
VIN MA652457 (1995) onwards	(1)	RA1245

Radiator Hose Kits - Diesel

Kits include radiator hoses & clips.

Hose kit - diesel;		
2400TD	(1)	RA1246
2500TD	(1)	RA1247
200Tdi	(1)	RA1248
300Tdi	(1)	RA1249

Radiator Hoses - V8

Top hose - V8;		
1970 to 1985		
non air con	(1)	575718
with air con	(1)	NRC2258
1986 onwards		
3.5 & 3.9 litre	(1)	ESR3297
4.2 litre		
up to 1994 (VIN LA)	(1)	ESR2167
1995 (VIN MA) onwards	(1)	ESR3297
Bottom hose - V8;		
3.5 litre		
1970 to 1985 (VIN BA)	(1)	598871
1986 (VIN CA) to VIN EA336625	(1)	NTC1174
1988.		
VIN EA336626 (1988) on	(1)	NTC5632
3.9 & 4.2 litre		
up to 1989 (VIN FA)	(1)	NTC5632
1990 (VIN GA) to 1994 (VIN LA)	(1)	NTC7297
1995 (VIN MA) onwards	(1)	ESR1818
Hose - radiator to carbs	(1)	RRC2711
Where applicable.		
Hose - radiator to expansion tank;		
1970 to 1988 (VIN EA)	(1)	NTC2736
1989 (VIN FA) only	(1)	NTC6858
1990 (VIN GA) onwards	(1)	NTC7298
Overflow hose - expansion tank	(1)	564724
All models - if fitted.		

Radiator Hoses - Diesel

Top hose - diesel;		
2400TD	(1)	NTC4619
2500TD	(1)	NTC6734
200Tdi	(1)	NTC4329
300Tdi	(1)	ESR2491
Bottom hose - diesel;		
2400TD	(1)	NTC4622
2500TD	(1)	ESR185
200Tdi	(1)	NTC7223
300Tdi	(1)	ESR3296

Hose clips

3/8" to 1/2"	(a/r)	GHC304
7/16" to 5/8"	(a/r)	GHC405
1/2" to 3/4"	(a/r)	GHC406
5/8" to 7/8"	(a/r)	GHC507
3/4" to 1"	(a/r)	GHC608
7/8" to 1 1/8"	(a/r)	GHC709
1" to 1 1/8"	(a/r)	GHC811
1 1/8" to 1 5/8"	(a/r)	GHC913
1 3/8" to 2"	(a/r)	GHC1015
1 1/2" to 2 1/8"	(a/r)	GHC1217
2" to 2 3/4"	(a/r)	GHC1622



Thermostat & Temperature Sender

Thermostat - V8;		
74°	(1)	ETC4761
82°	(1)	602687
88°	(1)	ETC4765
Thermostat - Diesel;		
2400TD	(1)	RTC4942
2500TD	(1)	RTC6673
200Tdi	(1)	ERR2803
300Tdi	(1)	ERR3291
Gasket - thermostat housing;		
V8		
engine nos: 341, 355, 359	(1)	610387
<i>Very early V8 models.</i>		
all other models	(1)	ERR2429
diesel		
2400TD	(1)	STC809
2500TD		n/a
200Tdi	(1)	ERR3682
300Tdi		n/a
Fan switch - thermostat housing;		
<i>Air con models.</i>		
V8 - all air con models	(1)	PRC3505
diesel -		
2500TD	(1)	PRC8170
200Tdi	(1)	PRC3359
Sensor - temperature - 300Tdi	(1)	ERR2081
<i>Located in cylinder head.</i>		
Washer - fan switch	(1)	C457593A
<i>All models.</i>		
Washer - sensor (300Tdi)	(1)	ERR894
Thermal transmitter - early V8	(1)	545010
<i>Located behind thermostat (when fitted).</i>		
Gasket - thermal transmitter	(1)	236022A
Temperature sender unit - V8;		
<i>Located at front of inlet manifold.</i>		
carb models		
air con	(1)	PRC6317
non air con	(1)	GTR108
efi models		
3.5 litre -		
air con	(1)	PRC6317
non air con	(1)	GTR108
3.9 litre -all models		
	(1)	PRC7918
<i>With & without air-con.</i>		
Temperature sender unit - diesel;		
<i>Located in thermostat housing.</i>		
2400TD	(1)	RTC4996
200Tdi	(1)	AMR1712
300Tdi	(1)	AMR1425
Washer - temperature sender unit(1)		90568054

THERMOSTAT & FAN SWITCH



Oil Cooler - V8

Oil Cooler - V8 engine (1) **RA1089**
If high oil temperatures are a problem, for example when towing, the V8 engine will benefit from an oil cooler. We recommend fitting a thermostat at the same time.
Note: an oil cooler was incorporated, by the factory, into the coolant radiator with the introduction of the 3.9 litre engine.

Thermostat - oil cooler (1) **RS1456**

Intercooler - Diesel

Intercooler;		
2400/2500TD	(1)	FTP8020
200Tdi	(1)	FTP8015
<i>300Tdi not available separately.</i>		
Hose - intercooler to inlet manifold;		
2400/2500TD	(1)	NTC2316
200Tdi	(1)	ESR2263
300Tdi	(1)	ESR3025
Clip - hose (intercooler to manifold);		
2400/2500TD	(2)	PYC101120L
200Tdi		
intercooler end	(1)	STC128
manifold end	(1)	PYC101120L
300Tdi	(2)	CN100708
Hose - intercooler to rigid pipe;		
2400/2500TD	(1)	ESR2943
200Tdi	(1)	ESR2943
300Tdi	(1)	ESR2913
Clip - hose (intercooler to pipe)		
	(2)	PYC101120L
<i>All models.</i>		
Hose - rigid pipe to turbo;		
2400 & 2500TD	(1)	NTC5174
200Tdi	(1)	ESR2932
300Tdi	(1)	ESR2912
Clip - hose (pipe to turbo)		
	(2)	PYC101120L
<i>All models.</i>		

Heater Components - Non Air Con

Matrix & seals;		
1970 to VIN EA344071 (1988)	(1)	606923
VIN EA344072 to VIN JA616110(1)		STC250
<i>(1992), petrol & VM diesel.</i>		
VIN JA616111(1992) to 1994	(1)	STC770
<i>(All models) up to revised interior.</i>		
Motor & fan - all models;		
1970 to Oct 1985 (VIN BA)	(1)	RTC6680
1986 (VIN CA) to 1994	(1)	RTC6693

Heater Hoses

Inlet hose - heater - V8;		
<i>Lower of the 2 hoses into the heater.</i>		
carb vehicles	(1)	BTR215
efi vehicles		
up to VIN DA302240 (1987)		
heater to elbow	(1)	NTC2842
elbow to engine	(1)	NTC2843
VIN DA302241 onwards	(1)	BTR216
Outlet hose - heater - V8;		
<i>Upper of the two hoses into the heater.</i>		
carb vehicles	(1)	NRC2523
efi vehicles		
up to VIN DA302240 (1987)		
heater to elbow	(1)	NTC2841
elbow to engine	(1)	NTC2843
VIN DA302241 onwards	(1)	BTR217

Air Conditioning Components

Please contact our sales department for price and availability of air conditioning components.

Drive belt - air conditioning;		
compressor belt;		
V8		
up to VIN MA650325 (1995)(1)		611612
VIN MA650326 (1995) on	(1)	ERR4623
diesel		
2400/2500TD	(1)	ETC9009
200 Tdi	(1)	ETC9009
300 Tdi	(1)	ERR2215
idler pulley belt - V8	(1)	ERC675
<i>Up to Oct 1985.</i>		

Antifreeze

It is recommended that a minimum 50% antifreeze mix is maintained all year round on aluminium engines, to inhibit corrosion.

Antifreeze;		
1 litre	(1)	GAC2018
5 litre	(1)	GAC2019



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INTRODUCTION

Carburettors

Two makes of carburettor are fitted to Range Rovers as standard equipment: the Zenith 'Stromberg CD175' - used exclusively from 1970 to 1986 - and the 'SU HIF', which was fitted for a short period (alongside the Stromberg) from 1986 until carbs were replaced by fuel injection.

The most obvious visual difference between the two types of carb is the dashpot; Strombergs having a very stubby dashpot with the 'Zenith' name cast into it, while the SUs have a much taller dashpot without any markings.

Electronic Fuel Injection

Electronic fuel injection (Efi) replaced carbs for Vogue models in October 1985, and for all V8 4-dr models from November 1986, giving a substantial power increase without significant changes to the engine. There are two types of Efi system fitted to the Range Rover:

the first system - Lucas L-Jetronic - uses an airflow meter, inside which is a hinged flap that measures, by deflection, the flow of air into the engine, thus varying the voltage signal to the ECU.

the second system - introduced to coincide with the 'new' 3.9 litre engine in 1988 but also fitted to some 3.5 litre engines - incorporates a 'hotwire' air metering system, which contains no moving parts. Instead, it employs two sensor wires - one of which is heated - to measure air mass as it passes over the wires and into the engine. A voltage signal is then sent to the ECU proportionate to the voltage required to maintain the temperature of the heated wire as it is cooled by the air flow.

The flap type, fitted to the first 3.5 Efi (non cat'-equipped) models from 1986, is similar (though not identical) to the system fitted to the Rover SD1 Vitesse from the same time. The hotwire type, fitted to later 3.5, 3.9 & 4.2 vehicles (with or without cat's), despite appearing quite similar, shares few parts with the flap type system.

Diesel

The first diesel-powered Range Rovers left the factory in April 1986, fitted with the Italian VM 2.4 litre turbocharged engine. Subsequently, the larger 2.5 litre VM unit, followed by Land Rover's own 200 & 300Tdi engines, were fitted. There have also been numerous diesel conversions carried out over the years, including some factory kits. However, the parts listed under Diesel Fuel System Components apply only to factory-built diesel vehicles.

4 barrel carbs

Finally, we offer a choice of conversion kits for V8 Range Rovers (carb or efi, all engine sizes):

Holley carb. Based on the legendary Holley carburettor. The kit includes a 390cfm 4 barrel Holley carb, with vacuum secondaries and electric choke, an Offenhauser inlet manifold and choke cable kit and full instructions.

Edelbrock Performer. A 500cfm 4 barrel carb kit, complete with all necessary components, which is designed to improve performance and economy. Performer carbs also feature a bright finish which enhances the appearance of your engine.

Both carbs are ideal for on & off roaders and are suitable for any engine size.

CARBURETTORS

Carb Identification - Stromberg CD175 & SU HIF.

Both makes of carburettor have a silver tag - stamped with an identification number - which is attached to the carb by one of the dashpot retaining screws.

(Note: both rh & lh carbs have the same number but with an r or l suffix as appropriate). However, if the tag is missing, the engine number will help you to identify the carburettors, providing they have not been replaced by a previous owner. (For detailed information & specification of engine numbers, please refer to the 'V8 ENGINE' section on Page 12).

Carburettor Care & Overhaul

Fuel economy and performance can suffer with insufficient carb maintenance, and with the tightening of the MOT regulations regarding exhaust emissions it is more important than ever that the fuel system is maintained in good working order. Incorrectly adjusted or worn carbs can also cause overfueling and 'bore-wash', resulting in excessive oil consumption.

It is quite straightforward (with the help of a workshop manual) to service and overhaul your carbs, using the service items listed in this section.

The listings for complete carburettors are for identification purposes only. They will also show if you have the correct type of carbs fitted. Part numbers, tag numbers & engine numbers are quoted to help identify the original factory specification. However, these numbers relate to carburettors fitted when the vehicle was new, and not to subsequent replacements.

Inlet Manifold Fittings - V8 (Carbs)

Please contact our sales department for price & availability of inlet manifolds.

Gasket - inlet manifold - all models;			
tin	(1)	ERC3990	
composite	(1)	ERR7306	
End seal - manifold gasket			
for tin gasket	(2)	AJM645	
for composite gasket	(2)	ERR7283	
Clamp - end seal	(2)	602076	
Screw - seal clamp	(2)	602236	
Thermal transmitter	(1)	545010	
<i>Located behind thermostat (when fitted).</i>			
Gasket - thermal transmitter	(1)	236022	
Non-return valve - brake servo;			
<i>Not ABS models.</i>			
carb models	(1)	ADU1402	
efi models	(1)	RTC5907	
Washer - non-return valve	(1)	232043	
Heater outlet - rear	(1)	603440	
<i>Where fitted.</i>			
Gasket - rear heater outlet	(1)	603441	
Temperature sender unit;			
<i>Located at front of inlet manifold.</i>			
carb models			
air con	(1)	PRC6317	
non air con	(1)	GTR108	
efi models			
3.5 litre -			
air con	(1)	PRC6317	
non air con	(1)	GTR108	
3.9 litre	(1)	PRC7918	
<i>With & without air-con.</i>			
Washer - temperature sender unit	(1)	90568054	
Thermostat - all models;			
74°	(1)	ETC4761	
82°	(1)	602687	
88°	(1)	ETC4765	
Thermostat housing;			
without electric fan switch			
eng nos: 341, 355, 359 only	(1)	RB7322	
all other models	(1)	ERC2139	
with integral electric fan switch			
air con	(1)	ETC6135	
non air con	(1)	ETC4596	
Gasket - thermostat housing;			
eng nos: 341, 355, 359	(1)	610387	
all other models	(1)	ERR2429	
Fan switch - thermostat housing	(1)	PRC3505	
Washer - fan switch	(1)	C457593	

CARB IDENTIFICATION

In order to select the correct part(s) you need, this section will help to identify the type of carbs fitted to your engine. It is for identification purposes only.

Stromberg CD175

Vehicles from 1970 to 1986;

non-detoxed engines -

Please refer to the beginning of the V8 Engine section for information on 'Detoxed' or 'Non-detoxed'.

Engine number	Tag number
355 suffix C, D & E	3712
355 suffix F	
3550000F to 35542952F	3881
35542953F onwards	3915
13D & 18D	3915

detoxed engines -

Please refer to the beginning of the V8 Engine section for information on 'Detoxed' or 'Non-detoxed'.

Engine number	Tag number
341 & 359 -	
suffix A & B	3318
suffix C & D	3677
suffix E	3887
suffix F	3854
34183127F, 20D & 21D	3999
398	3881
11D,15D,16D, 17D & 19D	4104

Vehicles from 1986 onwards;

non-detoxed engines -

Please refer to the beginning of the V8 Engine section for information on 'Detoxed' or 'Non-detoxed'.

Engine number	Tag number
28D & 29D	4185

detoxed engines -

Please refer to the beginning of the V8 Engine section for information on 'Detoxed' or 'Non-detoxed'.

Engine number	Tag number
26D & 27D	4187
30D	4186

SU HIF

Vehicles from 1986 onwards;

non-detoxed engines

Please refer to the beginning of the V8 Engine section for information on 'Detoxed' or 'Non-detoxed'.

Engine number	Tag number
28D & 29D	FZX2006

detoxed engines

Please refer to the beginning of the V8 Engine section for information on 'Detoxed' or 'Non-detoxed'.

Engine number	Tag number
26D, 27D & 30D	FZX2005



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DESCRIPTION QTY REQ. PART NO.

Carburettor Components - Stromberg CD175 - 1970 to Oct 1985

Adjusting tool	(1)	RX1222LR
Diaphragm - all models	(2)	JS499A
Spring - diaphragm	(2)	606792
Gasket kit;		
carbs 3712, 3915	(2)	605857
all other carbs	(2)	RTC1481A
Metering needle - non-detoxed vehicles;		
carbs:		
3712	(2)	606793
3881	(2)	AAU8231
3915	(2)	AEU2462
Metering needle - detoxed vehicles;		
Engine nos: 341, 359 - 8.13:1 CR.		
carbs:		
3318	(2)	90608276
3677 (BIDF)	(2)	AAU1488
3677 (BIFF)	(2)	RTC4776
3887	(2)	AAU8229
3854 (BIEJ)	(2)	AAU8230
3854 (BIFF)	(2)	RTC4776
3999 (BIFC)	(2)	AEU1850
4104	(2)	AEU1851
Needle valve;		
carbs:		
3712	(2)	AAU1484
3881 & 3915	(2)	RTC1482
3318	(2)	606300
3677	(2)	AAU1484
3887 & 3854	(2)	RTC1482
3999	(2)	BHM1079L
4104	(2)	RTC1482
Float (all models)	(2)	605833
Temperature compensator - detoxed engines;		
carbs:		
3318, 3677, 3887 & 3854	(2)	90608271
3999 & 4104	(2)	AAU7900
Throttle disc;		
carbs:		
3712, 3881 & 3915	(2)	605800
3318	(2)	597770
3677, 3887, 3854 & 3999	(2)	AAU1489
4104	(2)	AEU1848
Damper & oil cap - all models	(2)	518432A
Chrome dashpot cover	(2)	RS1514
<i>Fit over your existing dashpots to enhance the appearance of your engine.</i>		
Cold start assembly;		
carbs:		
3712 & 3915	(1)	606810
3318 & 3677	(1)	608282
Vacuum switch (Detoxed engines)	(1)	614361
Fuel trap (Detoxed engines)	(1)	ERC2042L

Carb Mountings

<i>Stromberg and SU carbs.</i>		
Gasket	(6)	ERR4381
Insulating block;		
carbs - 3712, 3881 & 3915	(2)	ERC1102A
all other carbs	(2)	ERR4383



CD175 CARB & COMPONENTS

DESCRIPTION QTY REQ. PART NO.

Carburettor Components - Stromberg CD175 - 1986 onwards

Adjusting tool	(1)	RX1222LR
Diaphragm	(2)	JS499A
Spring - diaphragm	(2)	606792
Gasket kit	(2)	RTC1481
Service kit	(2)	AAU2967
<i>Kit includes: needle valve, diaphragm, float gasket and seals.</i>		
Metering needle;		
carbs:		
4186	(2)	AEU1851
4187		
to VIN 162496	(2)	AEU1851
VIN 162497onwards	(2)	RTC4774
4185	(2)	AEU1850
Needle valve	(2)	RTC1482
Float	(2)	605833
Temperature compensator	(2)	AAU7900
Throttle disc	(2)	AEU1848
Damper & oil cap	(2)	518432A
Chrome dashpot cover	(2)	RS1514
<i>Fit over your existing dashpots to enhance the appearance of your engine.</i>		
Fuel trap	(2)	ERC2042L

Carburettor Components - SU 'HIF from 1986

<i>Engine numbers with a 'C' suffix.</i>		
Seal kit	(1)	RTC6072
Metering needle;		
carbs:		
FZX2005	(2)	NZX8077L
FZX2006	(2)	NZX8076L
Jet assembly;		
rh	(1)	CUD2785L
lh	(1)	CUD2788L
Needle guide	(2)	AUD4288
Float needle & seat kit	(2)	STC205
Float;		
rh	(1)	LZX1600L
lh	(1)	RTC3566
Piston spring	(2)	AUD4398
Damper & oil cap	(2)	LZX1505
Fuel trap	(2)	ERC2042



K&N Air Filters - 4 Barrel Carbs

See page 33 for applications on standard V8 and diesel.

K&N Holley & Weber 4 barrel carbs		
<i>Pancake (14") filter assembly, bolts directly on to carb.</i>		
<i>May also be fitted with 'X-stream' filter top (lid).</i>		
recessed type (assembly)	(1)	RA1397
<i>Sits low on carb for extra bonnet clearance.</i>		
<i>N.B. for use with manual choke only.</i>		
flat type (assembly)	(1)	RA1398
<i>2 1/4" deep, fits either manual or automatic choke.</i>		
'X-stream' air flow (lid only)	(1)	RA1399
<i>For maximum air flow. Replaces standard pancake K&N lid. Available in black, blue, red or polished.</i>		
<i>N.B. K&N filter assembly (recessed or flat type) must be purchased separately.</i>		

DESCRIPTION QTY REQ. PART NO.

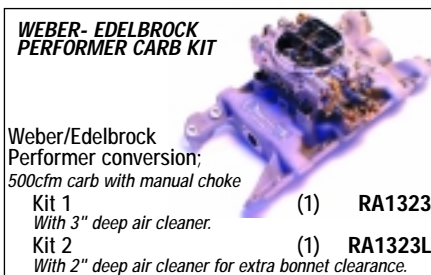
4 Barrel Carb Conversion Kits

Suitable for all engine sizes. Complete conversion kits for all V8 Range Rovers. Kits include: 4 barrel carb, inlet manifold, chromed 14" air cleaner, thermostat housing and accelerator cable kit. See also fuel pump section for details of our facet type capacity electric fuel pump, which may be required in addition to the 4 barrel carb kits, depending on application.



HOLLEY CARB KIT

<i>Holley/Offenhauser conversion; 390cfm carb with auto choke</i>		
Kit 1	(1)	RB7262
<i>With 3" deep air cleaner.</i>		
Kit 2	(1)	RB7262L
<i>With 2" deep air cleaner for extra bonnet clearance.</i>		

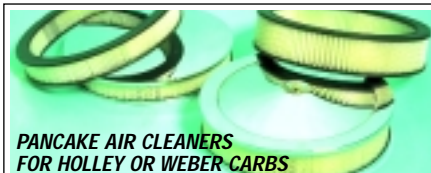


WEBER- EDELBROCK PERFORMER CARB KIT

<i>Weber/Edelbrock Performer conversion; 500cfm carb with manual choke</i>		
Kit 1	(1)	RA1323
<i>With 3" deep air cleaner.</i>		
Kit 2	(1)	RA1323L
<i>With 2" deep air cleaner for extra bonnet clearance.</i>		

4 Barrel Carb Components

<i>Carburettor only</i>		
Weber 500	(1)	RA1335
Holley 390	(1)	RB7254
Jets - 390 carb (pair)	(1)	RB7254J
Overhaul kit - Holley 390 carb	(1)	RB7254H
Holley Stud/Nut/Washer Set	(1)	RB7254S
Gasket (Carb to manifold) (Holley & Weber)	(1)	RB7181
<i>Inlet manifold - 4 barrel carb</i>		
<i>Suitable for Weber & Holley carbs</i>		
Offenhauser 360°	(1)	RB7314
<i>Dual Plane. Lowest bonnet clearance.</i>		
Offenhauser/JWR (Dual Port)	(1)	RA1336
Edelbrock performer	(1)	RA1337
<i>Dual Plane. High Torque.</i>		
Gasket - inlet manifold;		
tin	(1)	ERC3990
composite	(1)	ERR7306
End seal - manifold gasket		
for tin gasket	(2)	AJM645
for composite gasket	(2)	ERR7283
Thermostat housing;		
cast iron	(1)	RB7322
chromed	(1)	RB7437
Gasket - thermostat housing	(1)	GTG116
Accelerator cable kit (Holley/Weber)	(1)	RB7278
Manual choke conversion kit (Holley)	(1)	RB7184
Manual choke cable (Holley)	(1)	RB7290



PANCAKE AIR CLEANERS FOR HOLLEY OR WEBER CARBS

<i>Air cleaner kit; 14" diameter chromed 'pancake' type, complete with filter, suitable for Weber & Holley.</i>		
standard - 3" deep	(1)	RB7438
'low-rider' - 2" deep	(1)	RB7439
<i>For extra bonnet clearance.</i>		
<i>Replacement element - air cleaner;</i>		
3" deep	(1)	RB7438EL
2" deep	(1)	RB7439EL
Adaptor - breather pipe	(1)	RB7654
<i>Air cleaner base to flame trap/breather.</i>		

Inlet Manifold Fittings - Airflow Meter Efi (3.5 litre)

Please contact our sales department for price & availability of inlet manifolds.

Fuel pressure regulator;		
standard	(1)	ERR268
adjustable	(1)	EAC1284UR
<i>Recommended for performance applications. Increases fuel pressure, according to inlet manifold demand, by a greater ratio than standard item.</i>		
Up-rated fuel pump resistor	(1)	DRC3017HP
<i>Use in conjunction with adjustable pressure regulator. Enables fuel pump to cope with extra fuel demand.</i>		
Auxiliary air valve	(1)	ERC3617
Thermostime switch	(1)	EAC1385
Temperature sensor	(1)	ETC8496A
Sealing washer	(1)	243967
<i>Temp sensor</i>		
Injector	(8)	ERC3620A
O-Ring seal - injector;		
large (upper)	(8)	EAC2414A
small (lower)	(8)	EAC2415A
Fuel hose (8cm length)	(2)	TKC6351
<i>High pressure Efi hose to join fuel rails.</i>		
Fuel hose - cold start injector	(1)	ETC7241A
<i>Also suitable for pressure regulator.</i>		
Clamp - Efi hoses	(a/r)	C435996L
Overrun fuel cut-off switch	(1)	ETC6143

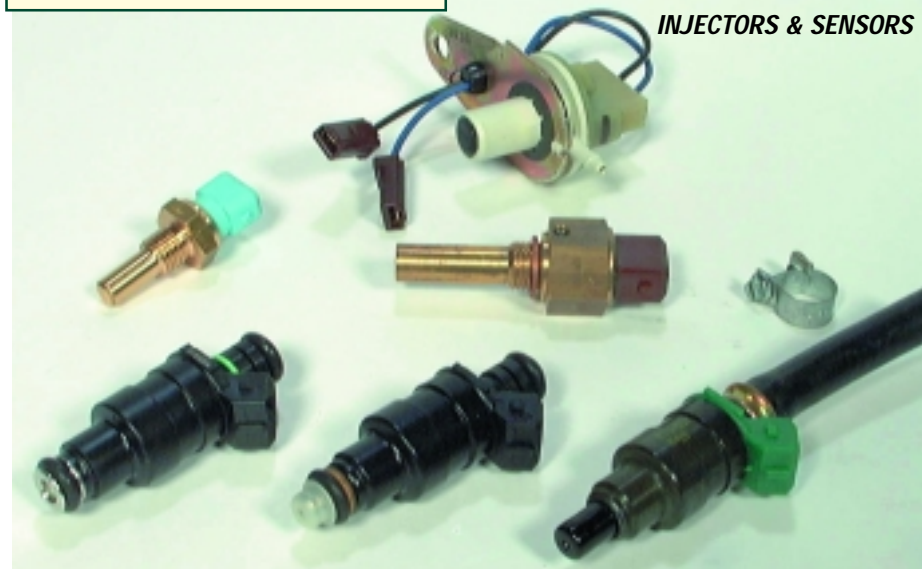
Inlet Manifold Fittings - Hotwire Efi (3.9 litre)

Please contact our sales department for price & availability of inlet manifolds.

Fuel Pressure Regulator	(1)	ETC8494
Temperature sensor	(1)	ETC8496A
Sealing washer	(1)	243967A
<i>Temp sensor.</i>		
Injector;		
3.5	(8)	ETC6264
3.9 & 4.2	(8)	ERR722
O-Ring - injector	(16)	RTC5679
Clip - injector	(8)	ETC6375
Fuel temperature sensor	(1)	ETC6661
<i>Front of fuel rail.</i>		

MORE STOCK EVERY DAY

If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.



INJECTORS & SENSORS

Plenum Chamber Components

Airflow Meter & Hotwire Efi systems. Please contact our Sales Department for price & availability of plenum chambers.

Screw - hex key type	(6)	SS108801
<i>Plenum Chamber to Ram Housing.</i>		
Throttle disc;		
engine nos. 22D & 23D	(1)	ETC5772
<i>Low compression.</i>		
all other engines	(1)	ERC9112A
Throttle spindle;		
engine nos. 22D & 23D	(1)	ETC5771
<i>Low compression.</i>		
all other engines	(1)	ERC9113
Bush - throttle spindle	(2)	611795
Seal - throttle spindle	(2)	AUD3577
Idle speed screw;		
to July 1987	(1)	ERC7809
from July 1987	(1)	ST606080
Throttle potentiometer;		
3.5 litre	(1)	ETC5598
31D engine nos only	(1)	ETC6443
<i>3.5 litre hotwire type.</i>		
3.9 & 4.2 litre	(1)	ETC8495
Gasket - potentiometer	(1)	ERR4944
Cold start injector	(1)	EAC1383
<i>Airflow meter type Efi only</i>		
Idle control assembly	(1)	ETC6214
Stepper motor (IAC valve)	(1)	ETC6660
Air-valve solenoid	(1)	ERC7536A
<i>Air con models</i>		
Breather Hose	(1)	ERC9116A
<i>Flame trap to plenum</i>		
Hose - extra air valve to plenum	(1)	ERC9117
<i>C-shaped hose</i>		
Non return valve - servo	(1)	RTC5907
Pneumatic actuator	(1)	ETC7150
<i>Cruise control.</i>		



K&N FILTER see page 33



Electronic Components - Efi

ECU - new		
<i>Please contact our sales department for availability & price of new ECUs.</i>		
ECU - reconditioned/re-chipped;		
<i>We can recondition your existing Lucas 4CU (flap-type) or 14CUX (hotwire type) ECU to original specification, or recalibrate both types for power and economy, on standard or modified engines. All ECUs are guaranteed for 1 year. Please contact our sales department to discuss your requirements.</i>		
Diode pack (relay)	(1)	DAC1861
<i>Red.</i>		
Relay - fuel pump;		
<i>Aluminium.</i>		
non catalyst vehicles	(1)	AGU1068
catalyst vehicles	(1)	AFU2913L
Tune resistor;		
red	(1)	PRC8005
yellow	(1)	PRC8007
white	(1)	PRC8009
green	(1)	PRC8172
blue	(1)	AMR2016
Airflow meter;		
flap type	(1)	ERC9127A
hotwire type	(1)	ESR1057
Air intake hose;		
air cleaner to a/flow meter	(1)	NRC9996
<i>Flap type only.</i>		
a/flow meter to plenum chamber -		
flap type	(1)	NRC9997
hotwire type -		
to 1994 (VIN LA)	(1)	ESR1611L
1995 (VIN MA) onwards	(1)	ESR1807
Hose clip;		
air cleaner to a/flow meter	(2)	RTC3518
<i>Flap type.</i>		
a/flow meter to chamber	(2)	CN100908
<i>All models.</i>		
Power resistor	(1)	DAC1211A

FUEL SYSTEM - Electronic Fuel Injection

Fuel System Components - Diesel

Glow plug;		
2400/2500TD	(4)	ADU9955
200/300Tdi	(4)	ETC8847
Injector pump assembly;		
2400TD	(1)	RTC4919
2500TD	(1)	RTC6659
200Tdi	(1)	ERR459
300Tdi	(1)	ERR4419
Gasket - injector pump;		
2400/2500TD	(1)	STC807
Solenoid - fuel shut-off;		
2400TD	(1)	AEU3031
2500TD	(1)	RTC6702
Switch - cut-off;		
200/300Tdi	(1)	RTC6702
Injector assembly;		
2400/2500TD	(4)	AEU2098E
200Tdi	(4)	ETC8412
300Tdi	(4)	ERR3339

Accelerator & Choke Control

Accelerator cable - V8 carburettor;		
rhd -		
4-sp manual	(1)	566426
5-sp manual	(1)	NRC8388
automatic	(1)	NTC3083
Australia only	(1)	NRC2191
lhd -		
manual	(1)	577356
automatic	(1)	NTC3084
Accelerator cable - V8 Efi;		
up to VIN FA (1989)		
rhd (3.5 & 3.9)		
lhd	(1)	NTC1054
3.5	(1)	NTC4842
3.9	(1)	NTC6723
from VIN GA (1990) onwards		
rhd (3.9 & 4.2)		
lhd	(1)	ANR5328
3.5	(1)	NTC7198
3.9 & 4.2	(1)	ANR5327
Accelerator Cable - 2400/2500TD;		
up to VIN FA (1989)		
rhd	(1)	NTC1461
lhd	(1)	NTC1460
VIN GA (1990) onwards		
rhd	(1)	NTC7830
lhd	(1)	NTC7189
Accelerator Cable - 200 Tdi;		
rhd		
to VIN KA628559 (1993)	(1)	ANR1860
VIN KA628560 onwards	(1)	ANR3592
lhd - all models	(1)	ANR3606
Choke cable - V8;		
Stromberg carbs		
rhd	(1)	NRC9094
lhd	(1)	NRC9095
SU carbs - rhd & lhd	(1)	NTC3690

Engine Breather System

Breather/flame trap;		
<i>Right hand rocker cover (flat top), where fitted.</i>		
original	(1)	RB7432
short type - fi original size	(1)	RB7432LOW
powder coated		
black	(1)	RB7432PCB
red	(1)	RB7432PCR
chromed	(1)	RB7432C
Breather grommet (pair)	(1)	RB7432Z
O' ring seal - flame trap	(1)	564258
Breather filter;		
all except Australia	(1)	GFE7004
<i>Located on rear of cylinder block.</i>		
Australia only	(1)	GFE7004
<i>Located on left hand rocker cover.</i>		
Engine breather - 200/300Tdi	(1)	ERR1471
Hose - breather - diesel;		
2400/2500TD	(1)	BAU5090L
200Tdi	(1)	ERR3381
300Tdi	(1)	ERR4689

Air Filter - Standard

Air filter - carburettor;		
all except Australia	(2)	605191
Australia only	(2)	GFE1124
Seal - air filter	(4)	RTC5888
<i>Except Australia.</i>		
Air filter - Efi;		
to 1994 (VIN LA)	(1)	RTC4683
1995 (VIN MA) onwards	(1)	ESR1445
Air filter - diesel;		
2400/2500TD	(1)	NTC1435
200Tdi	(1)	ESR1049
300Tdi	(1)	ESR1445

K&N Air Filter

For 4-barrel carb filters see page 31.

Air filter - K&N;		
<i>K&N offer superior filtration, an improvement in air flow and many times longer life than standard elements. Plus, they can be cleaned and re-used.</i>		
<i>Available for both carburettor and efi petrol models, as well as diesel-engine Range Rovers, they replace the original air intake box and paper element and require no alterations to the fuel system on a standard engine (with standard exhaust).</i>		
<i>K&N Filters are proven in both competition and off-road environments.</i>		
carb vehicles	(2)	RB7296
<i>Stromberg & SU. (Clamp to intake elbows)</i>		
efi vehicles -		
<i>Replaces air box assy. Filter clamps to air flow meter.</i>		
flap type (to 1988)	(1)	RA1063
hotwire type (1988 on)	(1)	RA1060
diesel vehicles		
2400 & 2500TD	(1)	NTC1435K&N
200Tdi	(1)	ESR1049K&N
300Tdi	(1)	ESR1445K&N
Cleaning fluid (1 litre)	(a/r)	RX1346
<i>For cleaning filter element.</i>		
Element oil (For re-oiling element):		
1 fl oz sachet	(a/r)	RX1347
250ml bottle	(a/r)	RX1348
400ml aerosol	(a/r)	RX1349

K&N FILTERS FOR ALL VEHICLES



FUEL PUMPS FOR ALL MODELS

Fuel Pump

Early, non power steering, V8 range Rovers have a mechanical fuel pump bolted to the timing cover and driven by a lobe on the camshaft spacer.
Power steering equipped cars have an electric fuel pump (due to the location of the p.a.s. pump where the fuel pump had previously been), either horizontally mounted - up to vehicle suffix B - or vertically mounted - suffix C onwards.
From 1986, the fuel pump for both carb and Efi vehicles is fitted inside the fuel tank. However, the two are not interchangeable, as the Efi pump is a high pressure type not suitable for carb vehicles.
Up to approximately 1991, the in-tank fuel pump is separate from the fuel level sender. From 1991 onwards, the pump and sender unit are combined.
Diesel vehicles are equipped with an engine-driven, mechanical fuel pump.

Fuel pump - carb - 1970-1986

<i>In engine bay.</i>		
mechanical	(1)	RTC6724
electric	(1)	PRC3901
<i>Horizontal or vertical, in engine bay.</i>		
Pipe unions for PRC3901 pump	(2)	572535
Gasket - mechanical pump	(1)	602180A
<i>Pump to timing cover.</i>		
Gasket - electric pump	(1)	90606261
<i>For PRC3901 pump.</i>		
Mounting bobbin - fuel pump	(2)	NRC7135
<i>For PRC3901 pump.</i>		
Nut - for mounting bobbin	(4)	GHF200
Earthing braid	(1)	568244
Filter - electric pump	(1)	90606262
<i>For PRC3901 pump.</i>		

Fuel pump - carb - 1986 on

<i>In-tank type.</i>		
Gasket - fuel pump	(1)	ESR3278
<i>Pump to tank.</i>		

Fuel pump - uprated (carb type)

(1)	RB7259
-----	--------

Facet competition high capacity electric pump. Complete with unions.

Fuel pump - efi - 1986 on;

To VIN HA464553 (1991)	(1)	PRC8318
<i>Separate sender type.</i>		
VIN HA464554 to KA642682	(1)	PRC9409
<i>Combined pump/sender type.</i>		
VIN KA642683 (1993) onwards	(1)	ESR3926
<i>Combined pump/sender type.</i>		
Gasket - efi fuel pump;		
<i>Pump to tank.</i>		
separate pump/sender	(1)	ESR3278
combined pump/sender	(1)	NTC5859
Locking ring - pump/sender	(1)	NTC5858
Suppressor - fuel pump	(1)	PRC7491

Fuel pump - diesel;

<i>Mechanical.</i>		
2400/2500TD	(1)	AEU2291
200Tdi	(1)	STC1190
300Tdi	(1)	ERR5057
'O'-ring - pump to block	(1)	AEU2152
<i>2400/2500TD.</i>		
Gasket - pump to block	(1)	ERR2028
<i>200/300Tdi.</i>		
Diaphragm - pump	(1)	AEU2151
<i>2400/2500TD.</i>		

Fuel Filter

Fuel filter assembly- carb vehicles;								
to approx' 1986	(1)	90577508						
approx' 1986 onwards	(1)	NRC9786						
Element & seal - filter	(1)	JS660L						
<i>All models.</i>								
Seal - bowl retaining bolt (all models);								
outer	(1)	606207						
inner	(1)	AEU1147						
Fuel filter - Efi vehicles;								
to 1990 (VIN GA)	(1)	GFE7001						
<i>Push-on connector type.</i>								
1991 (VIN HA) onwards	(1)	ESR4065						
<i>Screw-on connector type.</i>								
'O'-ring - pipe to filter	(2)	ESR259						
<i>Models from 1992 onwards.</i>								
Fuel filter element & seal - diesel vehicles;								
<i>All models.</i>								
non heated	(1)	AEU2147						
heated	(1)	RTC5938						
Switch - heater	(1)	STC612						



Fuel Tank

Fuel tank - petrol;								
1970-1986 (carb)	(1)	575601						
1986 onwards (carb & Efi)								
up to 1990 (VIN GA)								
<i>Separate in-tank fuel pump & sender.</i>								
single vent breather	(1)	NTC2017						
multi-vent breather	(1)	NTC4553						
VIN HA464554 to KA638156	(1)	NTC6741						
<i>(Jan 1991 to 1993).</i>								
<i>Moulded plastic tank with combined pump & sender.</i>								
VIN KA638157 (1993) onwards	(1)	ESR2585						
Fuel tank - diesel;								
to VIN GA464553 (1990)	(1)	NTC2017						
VIN HA464554 to KA638350	(1)	ESR460						
<i>(1990 to 1993).</i>								
VIN KA638351 (1993) onwards	(1)	ESR2584						

Fuel Level Sender Unit

<i>Vehicles with separate fuel pump & sender.</i>								
<i>See 'Fuel pump' for combined sender/pump.</i>								
Sender unit - petrol;								
1970 to 1986	(1)	PRC4510						
1986 onwards	(1)	PRC8822						
<i>With separate sender.</i>								
Seal - sender unit	(1)	ARA1502						
Locking ring	(1)	ARA1501						
Sender unit - diesel;								
side mounted	(1)	PRC8823						
top of tank								
to VIN KA642683 (1993)	(1)	PRC7129						
VIN KA642684 on	(1)	ESR1223						
Seal - side mounted sender	(1)	ARA1502						
Locking ring;								
side mounted sender	(1)	ARA1501						
top mounted sender	(1)	NTC6872						

Fuel Filler Cap

<i>Filler cap;</i>								
<i>Early vehicles (1970 up to vehicle suffix A) are fitted with a screw-on, locking fuel filler cap which is no longer available.</i>								
<i>For these vehicles, use conversion kit RTC1333. From vehicle suffix B up to 1986, the fuel filler cap is a hinged, black painted aluminium locking cap. For the 1987 vehicle range onwards, the fuel filler cap is a non-locking screw-off cap concealed behind a plastic, body-coloured cover.</i>								
1970 to 1986;								
early vehicles: use conversion kit: RTC1333								
<i>Converts to later type hinged cap.</i>								
hinged cap	(1)	598820						
<i>Vehicle suffix 'B' onwards.</i>								
1987 to 1991								
2-Door	(1)	NTC2912						
4-Door	(1)	TKC3976						
1991 onwards	(1)	NTC5418						
Seal - filler cap;								
1970 to 1987								
cap	(1)	608419						
filler neck	(1)	NRC9483						
1987 to 1991	(1)	RTC5638						
1991 onwards	(1)	NTC5916						



PHOTO COURTESY OF BMMH

**STAINLESS STEEL EXHAUSTS -
A GREAT INVESTMENT.
ALSO AVAILABLE IN MILD STEEL.**



Mild & Stainless Steel

HOW TO IDENTIFY MILD OR STAINLESS STEEL EXHAUSTS USING THE PRICE GUIDE

If you require a FULL standard system, then the part number (beginning RA) in the Price Guide will have an MS suffix (for Mild Steel) or SS (for Stainless Steel).

If you need only a part system or single component, refer to the accompanying table, where the part numbers are shown separately.

Sports Systems are only available in Stainless Steel.

STAINLESS STEEL EXHAUSTS

Lifetime Guarantee

The exhaust system is guaranteed for the lifetime of the vehicle whilst the vehicle remains in the ownership of the original purchaser of the exhaust. The guarantee is not transferable. In the rare event of a claim, we will replace or repair, free of charge, any part of a system that should fail in service due to defective materials or workmanship.

It should be noted that it is quite normal for discolouration to occur on external surfaces after a few months of use. This can be removed with wire wool if required and will not affect the guarantee.

The purchaser undertakes to ensure that all engine and exhaust mountings, brackets, clamps, etc, are checked for condition at least once a year and replaced if necessary. Our guarantee does not extend to cover failure due to mis-use, neglect, incorrect installation or failure of a related component.

The warranty covers the exhaust system only. Our prices are kept low for DIY installation, so our liability cannot extend to cover garage labour, recovery, hire car or any other consequential or associated costs. The warranties are in addition to, and do not affect your statutory consumer rights.

For any claim, we will need reference to our original sales invoice. Acceptance of goods is deemed to be an acceptance of these terms.

This guarantee does not apply to catalysis.



THE BENEFITS OF STAINLESS STEEL

Stainless Steel exhausts may cost a little bit more than a mild steel equivalent, but the small additional outlay is far outweighed by the advantages of a lifetime's trouble free motoring. If you are planning to keep your vehicle for any length of time, it is a first class investment.

- *Tough, Reliable, Long Lasting.*
- *Quiet operation.*
- *Vehicle Re-sale value enhanced.*
- *Designed to outlast vehicle lifetime.*
- *Cost effective.*

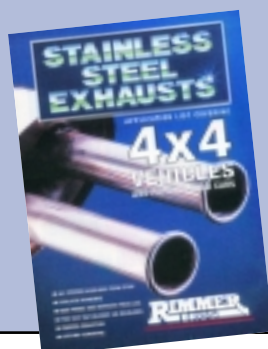
As well as systems for Classic cars, Rimmer Bros have been supplying Stainless Steel exhausts to owners of 4x4 vehicles the world over for many years, and due to customer demand, we can now supply stainless steel exhaust for most popular cars.

At our prices why fit mild steel?

Phone for a copy of our
Stainless Steel Exhaust
Catalogue today.

Tel: 01522 568000

Our stainless steel exhaust systems are guaranteed for as long as you own the vehicle.



STAINLESS STEEL RANGE ROVER CLASSIC SPORTS EXHAUST SYSTEM



FOR INCREASED POWER, TORQUE, LOOKS, AND DRIVER APPEAL.

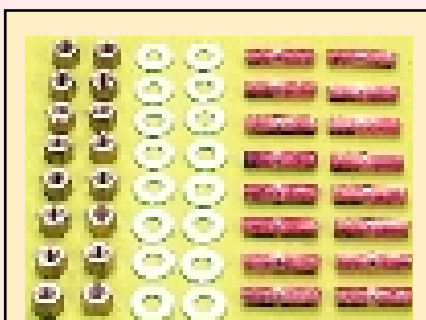
Sports Exhaust System - Stainless Steel - V8 Models

Suitable for all Classic V8 models (pre Aug' 95 - see note below), our stainless steel Sports Exhausts comprise tubular manifolds and large bore, single pipe systems with sport silencers. Designed to increase power and torque, Sports Systems improve the look of your Range Rover as well. The sound is pure V8 but comfortably refined inside the car at cruising speeds.

Each system includes fitting instructions, gaskets special mountings and fittings to assemble system utilising existing mountings where applicable. Also available separately - manifold fitting kit and 'Thermotec' exhaust insulation wrap - see panels.

Sports exhaust - V8;		
3.5 litre	(1)	RA1014
<i>Not suitable for 3.5 litre manual with optional oil cooler.</i>		
3.9 litre		
manual	(1)	RA1028
automatic	(1)	RA1069
4.2 litre (LSE)	(1)	RA1080

Note: Catalyst equipped vehicles (1992/3 on).
Our sports system could be used to replace the catalyst exhaust system on UK cars registered prior to August 1995 (subject to any change of legislation, please enquire). Current MOT emissions limits could allow non cat equipped vehicles to pass an MOT (providing the engine is set up and tuned correctly) up to this registration date. Please specify when ordering as manifolds with lambda sensor holes will be required. (Our system part number carries a 'WS' suffix).



RANGE ROVER Sports exhaust manifold fitting kit

Manifold Fitting Kit EF1001
Kit includes: 16 studs, nuts, washers. (Used to replace original bolts to enable easier installation of manifolds).

ENHANCEMENTS FOR SPORTS EXHAUST

Our Sports Exhaust Systems are designed to give an increase in power & torque on an otherwise unmodified vehicle. The way they achieve this is by helping the engine to 'breathe out' more efficiently. Naturally, they work just as well (or even better) on modified engines, since most modifications are designed to make the engine breathe more efficiently.

Fitting K&N air filters at the same time as our Sports System will help the engine to 'breathe in' more efficiently - by removing the restrictive standard air filter - yielding even better results. (For K&N filters, see our Fuel Section).

To gain maximum benefit from our Sports System,

particularly in large capacity V8s (3.9, 4.2 or even 4.6 litre versions), fit our Big Valve Performance cylinder heads. These heads are ported and gas-flowed to help the engine achieve optimum efficiency. (For Performance cylinder heads, refer to our V8 Engine Section).

Finally, don't forget your fuel system: all this extra efficiency will be lost if your carbs are worn out or your injection system is not up to scratch! The original carbs should be adequate for an otherwise unmodified 3.5 engine fitted with a Sports System and K&N filters (provided they are correctly set up). For the same vehicle fitted with modified cylinder heads or a bigger engine, however, we would

recommend fitting one of our 4 barrel carb kits (see our Fuel Section).

Similarly, standard efi vehicles will need no modifications to the injection system when fitting a Sports System and K&N. If further modifications are being considered, such as a change of camshaft, Performance cylinder heads or a bigger engine, we strongly recommend a remapped ecu to provide the correct fuelling. We can remap your existing ecu to suit your engine's requirements exactly, giving crisper throttle response, more power & torque and better fuel efficiency. (see our Fuel Section).

EXHAUST INSULATION WRAP

Thermo-Tec Insulating Wrap gives safety with performance.

Tubular manifolds, by design, produce a vast amount of heat in the engine compartment. This increases the possibility of electrical/ignition components not working effectively and promotes a higher risk of fire (if any combustible material comes in to contact with the manifold), not to mention the likelihood of severe burns when working on the engine!

By wrapping your tubular manifold with Thermo-Tec insulating wrap you can overcome all these risk factors. Thermo-Tec keeps the heat within the manifold so the exhaust gases have a much higher velocity, this induces negative pressure (scavenging) which increases air intake flow, resulting in better performance & economy. It also reduces under bonnet exhaust noise.

Technical Notes:

Thermo-Tec heat wrap - which is race & rally proven - comes in rolls 2" wide x 50ft long and moulds to the contours of the manifold. Being a silica based fabric (it does not contain asbestos or carcinogens), it is unaffected by oil or water, withstands temperatures up to 1000 degrees celsius and reduces under bonnet temperatures by up to 70%.

Snap-Strap Retaining Kit

We strongly recommend that you use Snap-Straps to retain the insulation. These are stainless steel straps with a narrow profile (for tight spots) that you cut to length and fasten with snap type heads. Alternatively you can skin your knuckles and use hose clips!

THERMO-TEC INSULATION WRAP - 2"x50' ROLL	(2 Req)	RX1382
THERMO-TEC SNAP-STRAP KIT STAINLESS STEEL	(1 Req)	RX1383



EXHAUST - SPORTS

EXHAUST - STANDARD



FITTING KITS
**RANGE ROVER FITTING KITS include adequate gaskets, sealing rings, 'U' bolts, support straps, nuts/bolts to 'assemble' the exhaust system utilising original hanger points. Mounting brackets or special support components are not included.*

SYSTEM SHOWN IS A STANDARD RANGE ROVER 1982-86 (RA1004) IN STAINLESS STEEL

Full System - Standard - Mild & Stainless Steel

See also: 'Part Systems' for catalyst equipped vehicles.

HOW TO IDENTIFY MILD OR STAINLESS STEEL EXHAUSTS USING THE PRICE GUIDE

If you require a FULL standard system, then the part number (beginning RA) in the Price Guide will have an MS suffix (for Mild Steel) or SS (for Stainless Steel).

If you need only a single component, refer to 'Individual system components' where the part numbers are shown separately.

Full system - V8 - 3.5 litre;

Not including fittings.

1970 to 1977

Single pipe/single tailpipe system.

May be replaced by early twin pipe system.

- mild or stainless steel (1) RA1015
- fitting kit (1) RA1015FK

1977 to 1982

Early twin pipe system with oblique-cut tailpipes.

- mild or stainless steel (1) RA1003
- fitting kit (1) RA1003FK

1982 to 1986

Twin pipe system with rolled-end twin tailpipes.

- mild or stainless steel (1) RA1004
- fitting kit (1) RA1014FK

1986 onwards

carb engines

(Non catalyst). Single pipe system/twin tailpipes.

- mild or stainless steel (1) RA1019
- fitting kit (1) RA1019FK

efi engines

(Non catalyst). Twin downpipes/twin tailpipes.

- mild or stainless steel (1) RA1005
- fitting kit (1) RA1005FK

Full system - V8 - 3.9 litre (1990-92);

(Up to VIN HA) Not including fittings.

manual models

non-catalyst

- mild or stainless steel (1) RA1029
- fitting kit (1) RA1029FK

catalyst-equipped (including cat)

- mild or stainless steel (1) RA1073
- fitting kit (1) RA1073FK

automatic models

non-catalyst

- mild or stainless steel (1) RA1018
- fitting kit (1) RA1018FK

catalyst-equipped (including cat)

- mild or stainless steel (1) RA1072
- fitting kit (1) RA1072FK

Full system - V8 - 3.9 litre (1992 onwards);

(VIN JA onwards). Not including fittings.

manual models (including cat)

- mild or stainless steel (1) RA1077
- fitting kit (1) RA1077FK

automatic models (including cat)

- mild or stainless steel (1) RA1076
- fitting kit (1) RA1076FK

Full system - V8 - 4.2 litre (LSE);

Automatic only (including cat).

- mild or stainless steel (1) RA1083
- fitting kit (1) RA1083FK

Full system - diesel;

Not including fittings.

2400TD (April 1986 to Oct 1989)

(Up to VIN FA399772).

- mild or stainless steel (1) RA1017
- fitting kit (1) RA1017FK

2500TD (Oct 1989 onwards)

(VIN GA onwards).

- mild or stainless steel (1) RA1016
- fitting kit (1) RA1016FK

200Tdi (from Nov 1992 to March 1994)

Non-catalyst.

- mild or stainless steel (1) RA1067
- fitting kit (1) RA1067FK

300Tdi (from March 1994)

engine nos: 17L, 18L, 19L & 20L (including cat)

- mild or stainless steel (1) RA1085
- fitting kit (1) RA1085FK

engine nos: 21L & 22L (EGR) - including cat.

- mild or stainless steel (1) RA1087
- fitting kit (1) RA1087FK

Part System (Exc catalyst) Standard - Mild & Stainless Steel

Listed below are part systems for catalyst - equipped vehicles.

Catalysts are normally quite durable, so it is unlikely that you need to replace the full system including catalysts. An MOT emissions failure or a rattle (usually noticeable when hot at tickover - in 'D' or on take-up) will usually indicate the need to replace the catalysts and perhaps the full system.

Part system - V8 - 3.9 litre (up to 1991);

(Up to VIN HA) Not including fittings.

All models - cat back

- mild steel (1) ESR1053
- stainless steel (1) RA1081
- fitting kit (1) EK1042

Part system - V8 - 3.9 litre (1992 onwards);

(VIN JA onwards) Not including fittings.

All models - cat back

- mild steel (1) ESR1053
- stainless steel (1) RA1082
- fitting kit (1) EK1042

Part system - V8 - 4.2 litre (LSE);

Automatic - cat back

- mild steel (1) ESR1053
- stainless steel (1) RA1082
- fitting kit (1) EK1042

Part system - Diesel - 300tdi (March '94 on);

Engine nos. 17L/18L/19L/20L

All models - cat back

- mild steel (1) ESR2380
- stainless steel (1) LR1112
- fitting kit (1) EK1005

Engine nos. 21L/22L

All models - cat back

- mild steel (1) ESR2312
- stainless steel (1) LR1113
- fitting kit (1) EK1005

QUICKFINDER Gaskets & Fittings Standard Exhaust

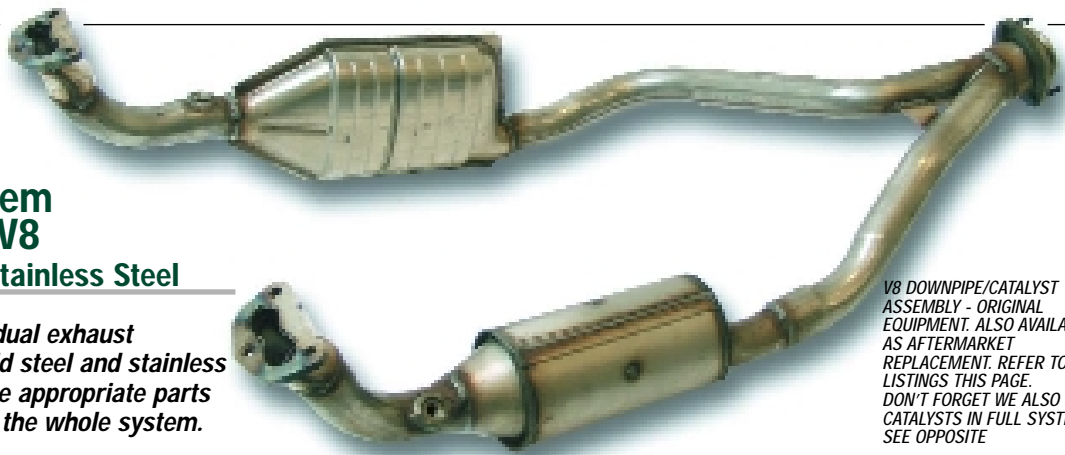
See also 'Fitting Kits' for full or part systems.

Bolt - exh manifold to cyl head (V8)(16)	GHF165
Lockwasher - manifold bolts (V8)(4)	90613659
Manifold stud kit - V8	(1) EF1001
<i>Replaces exhaust manifold bolts with studs (which fit permanently into cyl heads) and brass nuts.</i>	
Stud - exh manifold to cyl head (diesel);	
2400/2500Tdi	(8) RTC6719
200Tdi	
M10x25mm	(5) TE110051
M8x25mm	(2) TE108051
M10x35mm	(2) TE110071
300Tdi	
M8x25mm	(2) TE108051
M10x35mm	(7) TE110071
Nut - exhaust manifold to cylinder head;	
2400/2500Tdi	(8) FN108041
200/300Tdi	
M8	(2) FN108041
M10	(7) ERR597
Gasket - exhaust manifold to head;	
V8	
up to 1991 (VIN HA)	(8) AJM692
1992 (VIN JA) onwards	
twin-port type	(4) ERR6733
2400/2500TD	(4) RTC4893
200Tdi (in/exh)	(1) ERR1208
300Tdi (in/exh)	(1) ERR3785
Gasket - manifold to downpipe;	
V8	(2) ETC4524
<i>Twin downpipe non-cat or cat-equipped vehicles.</i>	
2400TD (manifold to turbo)	(1) RTC5004
2500TD	
manifold to turbo	(1) RTC5004
turbo to pipe	(1) RTC4894
200Tdi	
manifold to turbo	(1) ETC7514
turbo to pipe	(1) ETC7513
300Tdi (turbo to pipe)	
non-cat	(1) ETC7513
cat-equipped	(1) ETC7513
Stud - manifold to downpipe;	
V8	
carb	(6) 252623
efi	(6) ERR551
2400TD (to turbo)	(4) STC3127
2500TD (to turbo)	(4) RTC6717
200Tdi (to turbo)	(4) ERR551
Nut - manifold to downpipe;	
V8	
carb	(6) NH108141
efi	
up to 1992 (VIN JA)	(6) NTC1966
1993 (VIN KA) on	(6) ESR2033
2400/2500TD	
manifold to turbo	(4) NH108141
turbo to pipe	(3) NTC1966
200Tdi	
manifold to turbo	(4) ETC7184
turbo to downpipe	(3) ERR597
300Tdi	
non-cat	(3) ERR597
cat-equipped	(3) ESR2034
Olive - downpipe to silencer	(a/r) EG47
Lambda Sensor	(2) ERR6729
Rubber hanger - silencer/tailpipe;	
V8	(a/r) NTC5582
2400TD	(a/r) NTC3650
2500TD	(a/r) NTC5582
Exhaust jointing compound	(a/r) GCH112

Individual System Components - V8

Standard - Mild & Stainless Steel

This section lists individual exhaust components in both mild steel and stainless steel. Use it to select the appropriate parts if you are not replacing the whole system.



V8 DOWNPIPE/CATALYST ASSEMBLY - ORIGINAL EQUIPMENT. ALSO AVAILABLE AS AFTERMARKET REPLACEMENT. REFER TO LISTINGS THIS PAGE. DON'T FORGET WE ALSO SELL CATALYSTS IN FULL SYSTEMS - SEE OPPOSITE

DESCRIPTION	MILD STEEL	S/STEEL
System components - V8 - 3.5 litre:		
1970 to 1977 <i>Single pipe/single tailpipe system.</i>		
Down pipe - Rh	NRC4220	LR40
Down pipe - Lh	NRC4219	LR39
Y-pipe	NRC4218	LR41
Centre silencer	594973	LR42
Tailpipe & resonator	594779	LR43
1977 to 1982 <i>Early twinpipe/oblique cut tailpipe system.</i>		
Down pipe - Rh	NRC4220	LR40
Down pipe - Lh	NRC4219	LR39
Y-pipe	NRC4218	LR41
Centre silencer	NRC1973	LR48
Tailpipe & silencer	NRC4563	LR49
1982 to 1986 <i>Late twin pipe/rolled end tailpipe system.</i>		
Down pipe - Rh	NRC4220	LR40
Down pipe - Lh	NRC6629	LR69
Y-pipe	NRC7184	LR70
Centre silencer	NRC1973	LR48
Tailpipe & silencer	NRC7185	LR68
1986 to 1990 - carb <i>Single pipe/twin tailpipes system.</i>		
Down pipe - Rh	NTC2802	LR74
Down pipe - Lh	NTC3226	LR75
Y-pipe	NTC4061	LR76
Centre silencer	NTC1322	LR77
Tailpipe & silencer	NRC9836	LR78
1986 to 1990 - efi (non catalyst) <i>Twin downpipes/twin tailpipes.</i>		
Down pipe - Rh	NTC1864	LR79
Down pipe - Lh	NTC1863	LR80
Y-pipe	NTC4061	LR76
Centre silencer	NTC1322	LR77
Tailpipe & silencer	NRC9836	LR78

DESCRIPTION	MILD STEEL	S/STEEL
System components - V8 - 3.9 litre:		
1990 to 1992 (Non cat) <i>Up to VIN HA</i>		
Down pipe assy - manual	NTC7321	LR197
Down pipe assy - auto	NTC7320	LR199
Centre/rear assy - manual & auto	ESR102	RA1081
1990 to 1992 (Catalyst) <i>Up to VIN HA</i>		
Downpipe/cat assy - manual	ESR3063 ^(OE)	ESR3063P ^(NOT OE)
auto	ESR3059 ^(OE)	ESR3063P ^(NOT OE)
Centre/rear assy - man & auto	ESR1053	RA1081
1992 on (Catalyst) <i>VIN JA on</i>		
Downpipe/cat assy - manual	ESR3063 ^(OE)	ESR3063P ^(NOT OE)
auto	ESR3059 ^(OE)	ESR3063P ^(NOT OE)
Centre/rear assy - man & auto	ESR1053	RA1082
System components - V8 - 4.2 litre		
1992-1995 LSE (Catalyst)		
Downpipe/cat assy	ESR3060 ^(OE)	ESR3060P ^(NOT OE)
Centre/rear assy	ESR1053	RA1082
System components - V8 - 3.9 - 4.2 litre		
Certain markets only		
1992 on (Non cat)		
Downpipe assy - manual - non cat	NTC7321	LR197
auto - non cat	NTC7320	LR199
108" (LSE) - non cat	ESR2423	-
Centre/rear assy - auto & manual	ESR560	-
Australia & S. Africa	STC790	-

Individual System Components - Diesel

Standard - Mild & Stainless Steel

This section lists individual exhaust components in both mild steel and stainless steel. Use it to select the appropriate parts if you are not replacing the whole system.

DESCRIPTION	MILD STEEL	S/STEEL
System components - Diesel - 2400TD		
April 1986 to Oct 1989 <i>Up to VIN FA399772</i>		
Downpipe (From turbo)	NTC1481	LR100
Intermediate pipe	NTC1483	LR101
Centre silencer	NTC1484	LR102
Tailpipe & resonator	NTC2960	LR103
System components - Diesel - 2500TD		
October 1989 onwards <i>VIN GA</i>		
Front section	NTC7395	LR106
Silencer tailpipe section	NTC7362	RA1084

DESCRIPTION	MILD STEEL	S/STEEL
System components - Diesel - 200TDi		
Nov 1992 to March 1994 (Non catalyst)		
Downpipe (From turbo)		
up to engine no 14L037468A	ERR1295	-
engine no 14L037469A on	ERR4530	-
Intermediate pipe	ESR1887	LR230
Silencer/tailpipe section	ESR1855	RA1086
System components - Diesel - 300TDi		
March 1994 onwards (Catalyst)		
Engine nos: 17L/18L/19L/20L		
Downpipe/catalyst	ESR3495 ^(OE)	ESR3495P ^(NOT OE)
Silencer/tailpipe section	ESR2380	LR1112
System components - Diesel - 300TDi		
March 1994 onwards (Catalyst & EGR)		
Engine nos: 21L/22L		
Downpipe/catalyst	ESR3495 ^(OE)	ESR3495P ^(NOT OE)
Silencer/ tailpipe section	ESR2312	LR1113

INTRODUCTION

We supply fully reconditioned manual gearboxes and transfer boxes from stock.

This section also includes a range of gearbox Service Kits, comprising the most commonly needed parts - synchro rings, bearings, oil seals & gaskets - for a straightforward gearbox overhaul.

We have avoided listing every single component associated with manual gearboxes, because there is a point beyond which DIY gearbox repair is no longer cost-effective, and replacement with an off-the-shelf reconditioned unit would probably be cheaper. Also, since gearboxes are large and fairly complex, replacement may prove simpler in the long run. Nevertheless, if there is an item which you require that is not listed, please contact our sales department.

GEARBOX IDENTIFICATION

To identify the type of gearbox/transfer box fitted to your Range Rover, refer to the serial number stamped on the unit itself: 4 speed.

Only one type of 4-speed manual gearbox is fitted - the LT95 unit - with integral transfer box, 5 speed.

The 5-sp gearbox, introduced in 1983, is the LT77 unit, with a serial number which begins 52A. (The serial number of 5-sp boxes is stamped on the main body of the unit, on the lower right-hand side. The number begins with the identification prefix, according to the engine type, followed by the actual serial number and finally, a suffix letter; either D, E, F, G or H).

With the introduction of diesel engines in April 1986, serial numbers for the LT77 5-sp begin 53A for V8 and 54A for diesel.

In December 1991, the LT77 5-sp was replaced by the LT77S. Gearbox numbers are still 53A for V8 and 54A for VM diesel, but with the addition of 55A for Tdi engines.

The LT77S 5-sp was replaced in March 1994 by the R380 5-sp box. As before, identification numbers begin 53A and 55A for V8 and Tdi respectively, but now with a suffix 'J'.

All 5-sp gearboxes have separate transfer boxes.

Manual Gearbox Units

Gearbox assembly:

Please refer to Price Guide or contact us for latest availability on new and reconditioned units.

Part Number Suffixes:

New (N), Factory Recon (E), Aftermarket Recon (R).

LT95 (4-sp) (1) **STC280**

Includes transfer box.

LT77 5-sp (1983 to Nov 1991)

Less transfer box.

V8 models (1) **FRC6197**

diesel models (1) **FRC8572**

LT77S 5-sp (Dec 1991 to Apr 1994)

Less transfer box.

V8 models (1) **RA1098**

diesel models (1) **RA1099**

R380 5-sp (Mar 1994 onwards)

Less transfer box.

V8 models (1) **RA1100**

diesel models (1) **RA1101**



Service Kits

Service kits include the parts normally required to recondition a high-mileage gearbox - (main box) bearings, synchro rings, oil pump gears, oil seals & gaskets, and (transfer box) rear oil seal.

Service kit:

LT95 4-sp (1) **RA1250**

LT77 5-sp:

1983 to gearbox no.0132346D(1) **RA1251**

from gearbox no.0132347D

up to gearbox suffix F (1) **RA1252**

gearbox suffixes F & G (1) **RA1253**

gearbox suffix H (1) **RA1254**

LT77S 5-sp (1) **RA1255**

Suffix J (1992 onwards)

R380 5-sp (1) **RA1256**

(1994 onwards)

Gaskets & Oil Seals

Gasket set - manual gearbox:

LT95 (4-sp) (1) **606754**

LT77 & LT77S (5-sp) (1) **RTC6797**

Oil seal - front:

LT95 (4-sp) (1) **571059**

LT77 & LT77S (5-sp) (1) **UKC1060**

R380 (5-sp) (1) **UKC1060**

Oil seal - rear:

LT95 (4-sp) (1) **90622240**

Rear of transfer case.

LT77 & LT77S (5-sp) (1) **FRC2365**

R380 (5-sp) (1) **FTC2383**

Gearlever Housing Kit

Gearlever housing kits contain parts which are prone to wear, resulting in vague gear selection.

Gearlever housing kit:

LT95 (4-sp) (1) **RA1257**

Inc: gear lever retainer & seal, grub screw, upper & lower gaiters and retainer screws.

LT77 (5-sp)

1983 to 1986 (1) **RA1258**

1-piece lever.

Inc: gear lever retaining nut & washer, lever spring, roll pin, 2 x lower pins, lever housing gaskets and plunger & spring

1986 onwards (1) **RA1259**

2-piece lever.

Inc: Spherical nylon bush, oil seals, gaskets, lever springs, 2 x lower lever pins and plungers & springs.

R380 (5-sp) (1) **RA1260**

2-piece lever.

Inc: lever springs, lower pins, spherical bush and oil seals.

Reverse Light Switch

Switch - reverse light:

LT95 4sp (1) **BAU1074**

Located in top of gearbox.

LT77/LT77S 5sp (1) **PRC2911**

Located in lever housing.

R380 5sp (1) **CDU51**

Located in rear extension.

Washer - switch:

LT95 4sp (1) **FRC5674**

R380 5sp (1) **232042**

Locknut - switch (LT77/LT77S) (1) **22A1613**

Vacuum Actuator - Diff Lock - LT95

Vacuum actuator (1) **BAU1074**

Washer - actuator (1) **FRC5674**

Speedo Cable

See 'Transfer Gearbox' section.

Gear Oil

LUBRICANTS & CAPACITIES

Main Gearbox	Lubricant	Capacity
LT95 (4 speed)	20W/50	2.6 litres (4.5 pints)
LT77 & LT77S (5 sp) ATF	ATF	2.2 litres (3.9 pints)
R380 (5 speed)	ATF	2.7 litres (4.7 pints)
3sp auto (Chrysler)	ATF	8.5 litres (15 pints)
4sp auto (ZF)	ATF	9.1 litres (16 pints)
Transfer Gearbox		
LT95	20W/50	3.1 litres (5.5 pints)
LT230R/T	EP90	2.8 litres (4.9 pints)
Borg Warner	ATF	2.4 litres (4.2 pints)

Unipart (20w/50) 1 litre (A/R) **GGL614**

Unipart (EP90) 0.5 litre (A/R) **GGL190**

Unipart (ATF) 0.5 litre (A/R) **GGL175**

Unipart (ATF) 5 litres (A/R) **GGL505**

Mountings

See 'Engine & Gearbox Mountings' section.

Clutch Housing/Operation

See 'Clutch' section.

KITS...KITS...KITS...
THE EASY WAY TO ORDER AND GET
THE RIGHT PARTS YOU NEED QUICKLY

INTRODUCTION

Automatic transmission was introduced as an option for the Range Rover in August 1982. The first auto box fitted was the 3-speed Chrysler Torqueflite A727 unit. This gearbox was used until September 1985, when it was replaced with the ZF 4HP22 4-speed box. The ZF box remained until the end of Classic Range Rover production.

SERIAL NUMBER LOCATION

The ZF 4sp gearbox has a plate bearing the serial number attached to the lower left hand side of the gearbox casing, visible from beneath the vehicle.



Automatic Gearbox Units

Gearbox assembly;
Please refer to Price Guide or contact us for latest availability on new and reconditioned units.

Part Number Suffixes:

New (N), Factory Recon (E), Aftermarket Recon (R).

3-sp	(1)	RTC2891
4-sp		
3.5 litre	(1)	FTC255
3.9 litre	(1)	FTC3099
4.2 litre	(1)	FTC2871
Tdi	(1)	FTC2756

Torque Converter

Torque converter;
Please refer to Price Guide or contact us for latest availability on new and reconditioned units.

Part Number Suffixes:

New (N), Factory Recon (E), Aftermarket Recon (R).

3-sp	(1)	FRC5783
4-sp	(1)	FRC5981

Drive Plate

Driveplate - 3-sp (1) FRC5005
Less ring gear.

Driveplate assembly - 4-sp (1) FRC7851
Includes ring gear.

Bolt - driveplate to crankshaft (6) SS607061
3-sp & 4-sp.

Ring gear - 3-sp & 4-sp (1) 603340

Bolt - ring gear to driveplate (10) FTC4388
All models.

Washer - ring gear bolt (10) 610736

Spacer - driveplate to crankshaft;
3-sp models (1) FRC5003

4-sp models (1) FTC651

Spigot aligner;
3-sp models (1) FRC5006

4-sp models (1) FRC7075

Selective shim - torque converter height;
4-sp models.

1.25mm	(A/R)	FRC9203
1.45mm	(A/R)	FRC9205
1.65mm	(A/R)	FRC9207
1.85mm	(A/R)	FRC9209
2.05mm	(A/R)	FRC9211

Gaskets & Oil Seals

Gasket set - gearbox (4-sp) (1) RTC5100
Includes full set of gearbox oil seals & gaskets.

Oil seal - output shaft - 3-sp (1) AEU2307

Oil seals - 4-sp;
front shaft (1) RTC5102

rear shaft (1) RTC4650

Gasket - gearbox sump;
3-sp (1) FRC7022

4-sp (1) RTC4268

Seal - lower bellhousing (4-sp) (1) 594087

Gasket - lower bellhousing plate (1) FRC7707
4-sp ZF units.

Oil strainer;
Inside gearbox sump.

3-sp	(1)	AEU2448
4-sp	(1)	RTC4653

Cables

Cable - gear selector;		
3-sp - up to VIN 147004	(1)	FRC5942
- VIN 147005 onwards	(1)	FRC7337
4-sp	(1)	FTC566
Kickdown cable - 4-sp	(1)	RTC4854

Oil Cooler

Oil cooler - gearbox;		
3-sp	(1)	NRC8268
4-sp -		
3.5 litre	(1)	NTC1867
3.9 & 4.2 litre -		
to 1992	(1)	NTC6166
1993 onwards	(1)	ESR1703
Tdi	(1)	ESR3228
Switch - oil temperature	(1)	AMR4948
<i>For gearbox oil cooler. All 3-sp & 4-sp models.</i>		
Switch - inhibitor/reverse light;		
3-sp	(1)	AEU2435
4-sp	(1)	RTC4937

Speedo Cable

See 'Transfer Gearbox' section.

Gearbox Oil

LUBRICANTS & CAPACITIES

Main Gearbox	Lubricant	Capacity
LT95 (4 speed)	20W/50	2.6 litres (4.5 pints)
LT77 & LT77S (5 sp)	ATF	2.2 litres (3.9 pints)
R380 (5 speed)	ATF	2.7 litres (4.7 pints)
3sp auto (Chrysler)	ATF	8.5 litres (15 pints)
4sp auto (ZF)	ATF	9.1 litres (16 pints)
Transfer Gearbox		
LT95	20W/50	3.1 litres (5.5 pints)
LT230R/T	EP90	2.8 litres (4.9 pints)
Borg Warner	ATF	2.4 litres (4.2 pints)

Unipart (20w/50) 1 litre	(A/R)	GGL614
Unipart (EP90) 0.5 litre	(A/R)	GGL190
Unipart (ATF) 0.5 litre	(A/R)	GGL175
Unipart (ATF) 5 litres	(A/R)	GGL505

Mountings

See 'Engine & Gearbox Mountings' section.



Miscellaneous

Gaiter - selector lever (3-sp)	(1)	FRC6866
<i>Underneath floor.</i>		
Label - selector lever (3-sp)	(1)	RTC5282
<i>Showing lever position.</i>		
Bezel - selector lever (4-sp)	(1)	BTR1955
<i>Showing lever position.</i>		
Illumination film - bezel (4-sp)	(1)	RTC6683
Bulb - selector label illumination;		
3-sp	(1)	13H2424
4-sp	(2)	RTC6089
Inhibitor/reverse switch;		
3-sp	(1)	AEU2435
4-sp	(1)	RTC4937
Gasket - inhibitor switch - 3-sp	(1)	AEU2436

HELP US TO HELP YOU

If you are not sure which part/part number you require, to help ensure you receive the correct component, wherever possible please quote:

MODEL, YEAR, CHASSIS AND/OR ENGINE NUMBER PLUS ANY COMPONENT INFORMATION.

INTRODUCTION

The 4-sp gearbox, fitted to all manual Range Rovers from 1970 to 1983, has a transfer box which is integral with the gearbox assembly and is, therefore, inseparable from it.

The 5-sp manual gearbox, introduced in July 1983, has a separate transfer box as follows:

1983 to approx. 1984 models are fitted with Land Rover's LT230R unit, which is gear-driven and incorporates a manually selectable diff-lock.

1984 (approx.) to Oct 1988 models are fitted with Land Rover's LT230T unit, similar to the LT230R but with taper bearings on the intermediate shaft instead of the previously used needle roller bearings.

Oct 1988 onwards models are fitted with a Borg Warner chain-driven transfer box, incorporating a viscous differential lock.

Automatic models also have separate transfer boxes, as follows:

3-sp autos are fitted with either the LT230R or LT230T transfer boxes.

4-sp autos to Sept 1988 are fitted with the LT230T transfer box.

4-sp auto vehicles from Oct 1988 onwards are fitted with the Borg Warner chain-driven transfer box.

This section includes fully reconditioned transfer gearboxes, as well as the components associated with the transfer box, such as the speedo cable. Also included is the parking brake, since this operates on the rear of the transfer box rather than the rear wheels, as is conventional.

As with the main gearbox, we have only listed a limited selection of internal components, because repair is rarely as cost-effective as replacement with a recon unit.

UNIT IDENTIFICATION

Identification of the transfer box fitted to your Range Rover is fairly straightforward:

4-sp. All 4-sp manual vehicles have an integral transfer box.

5-sp/LT230R. LT230R transfer boxes fitted to 5-sp vehicles have a serial number (located on the rear lower face of the transfer box) which begins 15D.

5-sp/LT230T. LT230T transfer boxes fitted to 5-sp vehicles have a serial number beginning 27D or 28D.

5-sp/Borg Warner. Vehicles fitted with the BW transfer box are easily identified from the transfer gear lever inside the car, which has a simple fore & aft plane instead of the H-gate of earlier vehicles.

3-sp Auto/LT230R. LT230 transfer boxes fitted to 3-sp auto vehicles have a serial no. beginning 14D.

3-sp Auto/LT230T. LT230T transfer boxes fitted to 3-sp autos have a serial no. beginning 26D.

4-sp Auto/LT230T. 4-sp auto vehicles with the LT230T transfer box have a serial no. beginning 28D.

4-sp Auto/Borg Warner. These vehicles are easily identified by the transfer gear lever inside the car, which has a simple fore & aft plane instead of the H-gate of earlier vehicles.

GEAR RATIOS

The high-gear ratios of the transfer boxes are as follows:

LT230R	
14D (Auto)	1.003:1
15D (Manual)	1.192:1
LT230T	
26D (Auto)	1.003:1
27D (Manual)	1.192:1
28D (Man & auto)	1.222:1
Borg Warner (Man & auto)	1.206:1



PHOTO COURTESY OF BMIHT

Transfer Gearbox Units

Transfer box;

Please refer to Price Guide or contact us for latest availability on new and reconditioned units.

Part Number Suffixes:

New (N), Factory Recon (E), Aftermarket Recon (R).

LT230R		
for manual (15D)	(1)	RA1102
for auto (14D)	(1)	RA1103
LT230T		
up to 1986		
for manual (27D)	(1)	RA1104
for auto (26D)	(1)	RA1105
1986 onwards (28D)	(1)	RA1106
<i>Manual & auto vehicles.</i>		
Borg Warner (manual & auto)	(1)	RA1107

Centre Differential

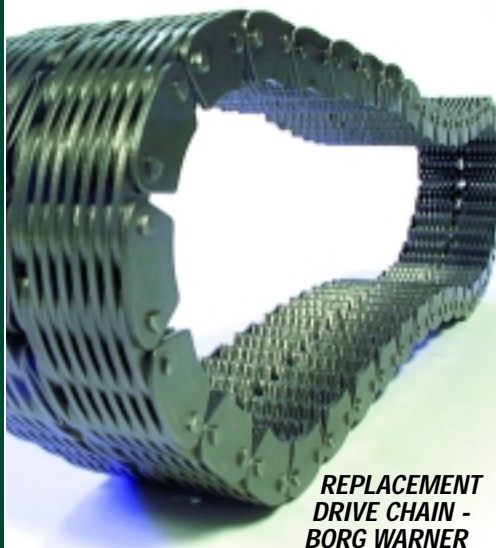
Centre differential;

4-sp manual	(1)	FRC9966
LT230R	(1)	FRC7569
LT230T	(1)	FTC5207
Borg Warner	(1)	RTC6060

Chain - Borg Warner

Chain - Borg Warner	(1)	RTC6041
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Replacement drive chain.



REPLACEMENT DRIVE CHAIN - BORG WARNER

Gaskets & Oil Seals

Gasket Set;

4-sp manual	(1)	606754
<i>Gearbox gasket set.</i>		
LT230R/LT230T	(1)	RTC3890
Oil seal - front flange;		
4-sp manual	(1)	571175
all other models	(1)	FRC7043
Oil seal - rear flange;		
4-sp manual	(1)	90622240
all other models	(1)	FRC7043

Diff Lock Selector

Vacuum control valve - 4-sp man	(1)	FRC5656
<i>Diff lock engagement knob.</i>		
Vacuum actuator - diff lock	(1)	571957
<i>4-sp manual.</i>		
Switch - diff lock warning;		
4-sp manual	(1)	BAU1074
LT230 boxes	(1)	PRC2911
Locknut - warning switch	(1)	NT110041
<i>LT230 models.</i>		

Gear Oil

LUBRICANTS & CAPACITIES

Main Gearbox	Lubricant	Capacity
LT95 (4 speed)	20W/50	2.6 litres (4.5 pints)
LT77 & LT77S (5 sp)	ATF	2.2 litres (3.9 pints)
R380 (5 speed)	ATF	2.7 litres (4.7 pints)
3sp auto (Chrysler)	ATF	8.5 litres (15 pints)
4sp auto (ZF)	ATF	9.1 litres (16 pints)
Transfer Gearbox		
LT95	20W/50	3.1 litres (5.5 pints)
LT230R/T	EP90	2.8 litres (4.9 pints)
Borg Warner	ATF	2.4 litres (4.2 pints)

Unipart (20w/50) 1 litre	(A/R)	GGL614
Unipart (EP90) 0.5 litre	(A/R)	GGL190
Unipart (ATF) 0.5 litre	(A/R)	GGL175
Unipart (ATF) 5 litres	(A/R)	GGL505

MORE STOCK EVERY DAY

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**SPEEDO CABLES
& TRANSDUCER**

Speedo Cable/Driven Gear

Speedo cable - 1970 to 1984; <i>Vehicles with circular instruments.</i>		
rhd - man & auto	(1)	579165
lhd		
man	(1)	579166
auto	(1)	PRC3965
Speedo cable - 1985 onwards - 2-piece; <i>Vehicles with rectangular instruments.</i>		
instrument end - all models	(1)	PRC5568
gearbox end		
rhd	(1)	PRC5564
lhd	(1)	PRC5565
Speedo cable - 1985 onwards - 1-piece; <i>Vehicles with rectangular instruments.</i>		
rhd - manual & auto	(1)	PRC6017
lhd - manual & auto	(1)	PRC6018
Speedo cable - 1989 onwards - electronic;		
transducer to instruments <i>Not fitted after 1992.</i>	(1)	PRC6278
gearbox to transducer -		
3.5 V8 & 2400TD	(1)	PRC6320
3.9 V8 & 2500TD	(1)	PRC7949
4.2 V8 & Tdi - rhd	(1)	PRC7949
Tdi - lhd	(1)	PRC6018
Transducer - speedo; <i>Electronic speedo.</i>		
1989 to 1991	(1)	AMR3386
1992 (VIN JA) to 1994	(1)	AMR3386
1995 (VIN MA) onwards <i>Fitted to transfer box.</i>	(1)	YBE100540
Angle drive adaptor; <i>Between cable & speedo</i>		
1970 to 1984 <i>Vehicles with circular instruments.</i>	(1)	579164
1985 onwards <i>Vehicles with rectangular instruments.</i>	(1)	PRC4352
Driven gear - speedo; <i>Fitted into transfer box.</i>		
4-sp manual	(1)	571975
LT230R		
blue (20 teeth)	(1)	FRC3310
red (23 teeth)	(1)	FRC3313
LT230T		
black (23 teeth)	(1)	FRC3383
green (21 teeth)	(1)	FRC3311
red (23 teeth)	(1)	FRC3313
Borg Warner		
red (23 teeth)	(1)	FRC3313
green (21 teeth)	(1)	FRC3311
black (23 teeth)	(1)	FRC9339
O-ring seal - gear housing <i>All models.</i>	(1)	571665
Oil seal - gear housing;		
4-sp manual	(1)	528747
all other models	(1)	NKC105

Parking/Hand Brake

Brake shoe set (Pair);		
4-sp manual	(1)	STC2880
LT230R/LT230T	(1)	STC2990
Borg Warner -		
horizontally mounted shoes	(1)	STC965
<i>Shoes top & bottom. Up to approx. 1992.</i>		
vertically mounted shoes	(1)	STC1525
<i>Shoes left & right. Approx. 1992 onwards.</i>		
Retaining kit - brake shoes;		
4-sp manual	(1)	RA1261
Borg Warner (vertical shoes)	(1)	STC1532
Adjuster - brake shoes;		
4-sp manual (kit)	(1)	RA1108
LT230R/LT230T	(1)	STC244
Borg Warner -		
horizontal shoes	(1)	STC244
vertical shoes	(1)	STC1527
Service kit - for adjuster STC244	(1)	STC245
Expander - brake shoes <i>Applicable only to LT230 & B.W. with horizontal shoes.</i>	(1)	AEU2734
Service kit - expander	(1)	AEU2735
Retaining kit - expander	(1)	RA1109
Brake drum;		
4-sp manual	(1)	90576624
all other models	(1)	FRC3502
Sealing plug - brake drum <i>4-sp manual models.</i>	(1)	FRC2872
Screw - drum retaining;		
4-sp manual	(2)	886021
all other models	(2)	SA108201
Backplate - handbrake;		
4-sp manual	(1)	606737
all other models to approx.1992(1)	(1)	STC963
<i>With horizontally mounted brake shoes.</i>		
1992 (approx.) onwards	(1)	STC1534
<i>Petrol & diesel, with vertically mounted brake shoes.</i>		

Handbrake Cable

Handbrake cables were not used on rhd Range Rovers prior to 1986 (VIN CA).

Lhd vehicles with automatic transmission were fitted with handbrake cables from 1982 onwards.

Handbrake cable - 1982 to 1988 (VIN EA);		
1982 to 1986 - lhd - auto	(1)	NRC8096
1986 (VIN CA) up to VIN CA265468 -		
rhd	(1)	NRC5088
lhd	(1)	NRC5089
VIN CA265469 to 1988 (VIN EA)(1)	(1)	NTC9400
<i>All models.</i>		
Handbrake cable - 1989 (VIN FA) onwards;		
V8 models -		
up to eng. no. 36D22144A	(1)	NTC6125
eng. no. 36D22145A onwards(1)	(1)	STC1528
diesel models -		
up to 1994 (VIN LA)	(1)	NTC6125
from 1995 (VIN MA) onwards(1)	(1)	STC1528

Handbrake Lever Kits

Kits contain the handbrake linkage parts which commonly wear, leading to poor handbrake operation. Contents typically include: clevis pins, split pins, nuts & washers (see illustration), according to the year of the vehicle.

Handbrake lever kit;		
1970 to 1986		
manual	(1)	RA1110
automatic	(1)	RA1111
1986 (VIN CA) to 1988 (VIN EA)(1)	(1)	RA1112
<i>Manual & auto.</i>		
1989 (VIN FA) onwards	(1)	RA1113
<i>All models.</i>		

Handbrake Warning Switch

Switch - handbrake warning;		
1970 up to VIN 100782	(1)	589063
VIN 100782 to 1986 (VIN CA)	(1)	PRC4475
1986 onwards	(1)	ADU2888L

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BRAKE SHOE SET - HANDBRAKE

Front Propshaft

Front propshaft;					
1970-1985 (VIN BA)					
with manual gearbox	(1)	STC666			
with auto gearbox	(1)	FRC8641			
1986 (VIN CA) to Sept 1988					
With LT230 transfer box.					
all models	(1)	FRC8386			
Except Swiss & German catalyst models.					
Swiss & German (with cat)	(1)	FRC8641			
Oct 1988 onwards;					
With Borg Warner transfer box.					
3.5 litre V8 & diesel	(1)	FTC122			
3.9 & 4.2 litre V8	(1)	FRC9542			
Universal joint - front propshaft;					
1970-1985 (VIN BA)	(2)	RTC3346			
1986 (VIN CA) onwards	(2)	RTC4587			
Grease nipple - universal joint	(2)	549229			
All models.					
Gaiter - front propshaft	(1)	276483			
All models.					
Clip for gaiter	(2)	GHC10416			
Bolt - propshaft	(8)	509045P			
Nut - propshaft bolt	(8)	TN3209			
Flange - propshaft	(2)	600656			
Vehicles to 1985.					
Yoke - front (splined)	(1)	8407L			
Vehicles from 1970 to 1985 only.					
Shaft - front (splined)	(1)	601790			
Vehicles from 1970 to 1985 only.					

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PROPSHAFT, UJ & GAITER

Rear Propshaft

Rear propshaft;					
standard wheelbase					
1970 to 1985 (VIN BA)	(1)	571973			
1986 to 1994 (VIN CA to LA)	(1)	FRC8387			
1995 (VIN MA) onwards	(1)	FTC3705			
With rubber coupling instead of universal joint.					
long wheelbase					
up to VIN LA647644 (1994)	(1)	FRC8389			
from VIN MA647645 (1995)	(1)	FTC3910			
With rubber coupling instead of universal joint.					
Universal joint - rear propshaft;					
1970 to 1985 (VIN BA)	(2)	RTC3346			
1986 (VIN CA) onwards	(2)	RTC4587			
Except long wheelbase models					
long wheelbase models	(2)	RTC3458			
Grease nipple - universal joint;					
angled type	(1)	234532			
straight type	(2)	549229			
Rubber coupling kit - 1995 on	(1)	STC2794			
VIN MA onwards.					
Bolt - propshaft;					
for universal joint	(8)	509045P			
for rubber coupling	(8)	FTC4043			
Nut - propshaft bolt;					
for universal joint	(8)	TN3209			
for rubber coupling	(8)	NV112041L			
Flange - propshaft	(2)	606653			
Vehicles to 1985.					
Yoke - front (splined)	(1)	606652			
Vehicles from 1970 to 1985 only.					



PHOTO COURTESY OF BMIHT

INTRODUCTION

The Range Rover's front axle is an extremely rugged beam axle design, comprising a one-piece steel tube with a separate cast steel differential housing.

All of the component parts of the axle, such as the differential assembly, halfshafts and C.V. joints, can be removed and replaced with the axle in situ. It is rare for a Range Rover to require a complete replacement axle and for this reason we have avoided listing full axle assemblies. Nevertheless, if you should require a complete unit, please contact our sales department for price & availability (remembering to quote the year and VIN number of your vehicle, along with the serial number of the axle).

D.I.Y. overhaul of the differential assembly is not really viable, due to the specialist tools and skills required, so we list complete differential assemblies.

SERIAL NUMBER

The serial number of the front axle is stamped on the front or top of the axle casing, on the left hand side (roughly in line with the axle breather). Serial numbers comprise a 3-figure code, identifying the axle type, followed by the serial number and then a suffix letter (A, B or C).

The final drive ratio for all models is 3.54:1.

IMPORTANT - ABS

ABS was introduced in 1990 (VIN GA), necessitating some changes to the front halfshafts and C.V. joints. In order to simplify this complicated area, we have divided the relevant parts into two categories: non-ABS vehicles and ABS-equipped vehicles.

It is important to bear this in mind when ordering parts, due to the safety-critical nature of ABS-related components.

Halfshaft - Front

Halfshaft & C.V. joint assembly - non ABS;

1970 to VIN EA305589 (1988)			
Suffix A axles.			
rh	(1)	571895	
lh	(1)	571896	
VIN EA305590 (1988) to 1992 (VIN JA)			
Suffix B axles.			
rh	(1)	FRC9518	
lh	(1)	FRC9519	

1993 (VIN KA) onwards

Note: Some vehicles - including Non-ABS vehicles from 1992 and vehicles fitted with ABS from 1990 - feature a different design of halfshaft assembly to that used on earlier vehicles. This later type of halfshaft assembly features a combined C.V. joint and driveshaft with separate outer hub, instead of the previous arrangement of separate C.V. joint and combined outer hub/driveshaft (also known as the driving member) assembly. These vehicles can most easily be identified by removing the outer hub (driving member) to see whether it incorporates a driveshaft. An outer hub (driving member) that is splined but with no driveshaft indicates the later halfshaft design, as described above.

with combined outer hub/driveshaft			
rh	(1)	FTC862	
lh	(1)	FTC863	
with combined C.V. joint/driveshaft			
rh	(1)	FTC3146	
lh	(1)	FTC3147	

Halfshaft & C.V. joint assembly - ABS vehicles;

From 1990 (VIN GA) onwards.

Note: ABS vehicles are fitted with a combined C.V. joint/driveshaft assembly. The C.V. joint includes sensor teeth for the ABS.

1990 (VIN GA) to the following axle nos:			
(rhd v8) 48L05146C, 49L11363C			
(rhd diesel) 52L00424C, 53L02087C			
(rhd/lhd air suspension) 56L03430B, 57L05188B			
rh	(1)	FTC862	
lh	(1)	FTC863	
above axle nos onwards			
rh	(1)	FTC3146	
lh	(1)	FTC3147	

Halfshaft only - non ABS;

Note: the later design of halfshaft, with combined C.V. joint/driveshaft, is only available as a complete assembly.

1970 to VIN EA305589 (1988)			
Suffix A.			
rh	(1)	606662	
lh	(1)	606663	
VIN EA305590 (1988) to VIN JA624516 (1992)			
rh	(1)	RTC5840	
lh	(1)	RTC5842	

Halfshaft only - ABS vehicles;

Note: halfshafts are available separately only for early ABS-equipped vehicles (see Halfshaft & C.V. joint assembly - ABS vehicles for relevant axle nos.). For later ABS vehicles, use complete assemblies.

early ABS vehicles			
rh	(1)	RTC6754	
lh	(1)	RTC6755	

C.V. Joint - Front

C.V. joint - non ABS;

Note: the later type of combined C.V. joint/driveshaft is not available separately, but only as a complete halfshaft assembly. (See Halfshaft & C.V. joint assembly).

1970 to VIN EA305589 (1988) (2)			
606665			
VIN EA305590 to JA624516 ('92)(2)			
RTC5843			
C.V. joint - ABS vehicles (early) (2)			
RTC6811			

(C.V. joint/driveshaft).

Note: C.V. joints are only available separately for early ABS-equipped vehicles (see Halfshaft & C.V. joint assembly - ABS vehicles for relevant axle nos.). For later ABS vehicles, use complete assemblies.

Spacer - C.V. joint;

non-ABS vehicles			
with separate C.V. joints (2)			
FTC254			
To approx. 1992. Not available separately for later vehicles.			
ABS-equipped vehicles (2)			
RTC5841			

1990 onwards.

Thrust sleeve - C.V. joint (2)

571822

Non-ABS vehicles with separate C.V. joints.

Circlip - C.V. joint (1)

STC579

Non-ABS & ABS-equipped vehicles with combined C.V. joint/driveshaft assemblies.

Front Axle/Differential

Axle assembly - front

Please enquire for price & availability of complete axle assemblies.

Breather - axle casing	(1)	515845A
Breather pipe	(1)	FTC2175

Differential assembly - front;

Please refer to Price Guide or contact us for latest availability on new and reconditioned units.

Part Number Suffixes:

New (N), Factory Recon (E), Aftermarket Recon (R).

Complete & ready to fit to axle.

Note: on vehicles up to 1992 (VIN JA623679), please check to see whether the original differential casing is fitted with filler plug and order accordingly.

1970 to VIN JA623614 (1992)			
diff case without filler plug	(1)	FTC2750	
diff case with filler plug	(1)	FTC1709	
JA623615 to KA637567 (1993)	(1)	FTC2750	
KA637568 onwards	(1)	FTC3272	

Oil seal - diff pinion;

1970 to June 1985	(1)	FRC4586
July 1985 onwards	(1)	FRC8220

Gasket - diff housing cover (1) 7316

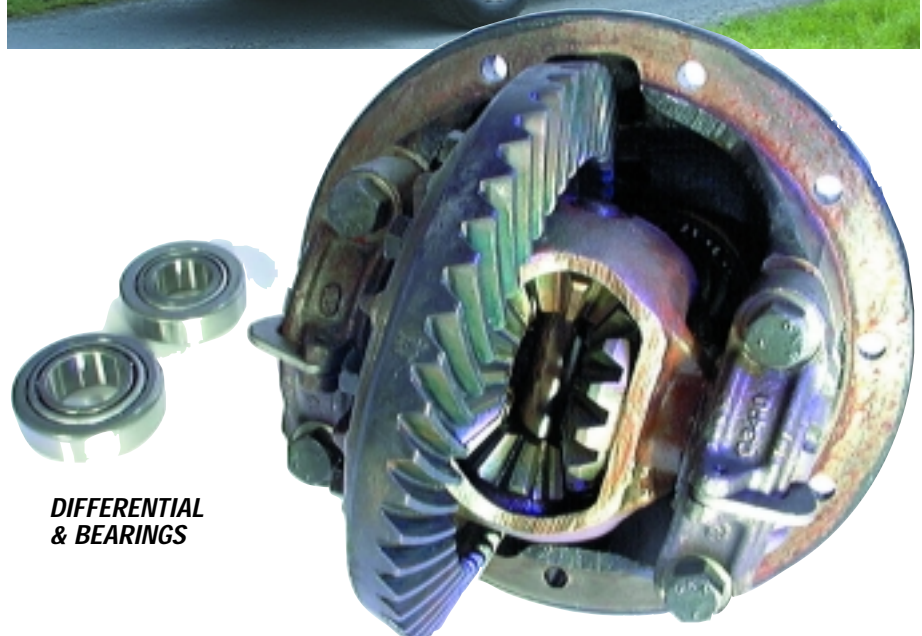
All models.

Bearing - differential;

pinion			
outer	(1)	539707	
inner	(1)	539706	

differential

up to axle suffix G	(2)	41045
axle suffix H onwards	(2)	RTC2726



DIFFERENTIAL & BEARINGS

KITS...KITS...KITS...

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DESCRIPTION QTY REQ. PART NO.

Chrome Swivel Ball - Front

Chrome swivel ball;		
non-ABS		
1970 to June 1985	(2)	571766
6 bolt fixing.		
July 1985 onwards	(2)	FRC7065
7 bolt fixing.		
ABS vehicles		
1990 (VIN GA) onwards	(2)	FTC5105
7 bolt fixing.		
Railko bush - chrome swivel	(2)	FTC125
ABS-equipped vehicles only.		
Oil seal - chrome swivel;		
internal (small)	(2)	571718
external (large)		
1970 to approx. 1990	(2)	571890
12.5mm thick.		
1990 (approx.) onwards	(2)	FTC3401
Inc. all ABS vehicles. 9mm thick.		
Gasket - chrome swivel;		
1970 to June 1985	(2)	571889
6 bolt fixing.		
July 1985 onwards	(2)	FTC3646
7 bolt fixing.		

Swivel Housing (Steering Swivel) - Front

Please enquire for price & availability of swivel housings.

Non-ABS vehicles - up to VIN JA624516 (1992)

Taper roller bearing	(4)	606666
Swivel pin;		
upper	(2)	571756
lower	(2)	571819
Shim - upper swivel pin;		
0.003"	(a/r)	571743
0.005"	(a/r)	571744
0.010"	(a/r)	571745
0.030"	(a/r)	571746
Gasket - lower swivel pin	(2)	571815
Lock washer	(4)	576608
Damper - lower swivel pin;		
rh	(1)	FTC1620
lh	(1)	FTC1621

Non-ABS vehicles - VIN JA624517 onwards

Taper roller bearing	(4)	606666
Swivel pin;		
upper	(2)	FTC2882
lower	(2)	FRC2894
Shim - upper swivel pin;		
0.003"	(a/r)	FRC2883
0.005"	(a/r)	FRC2884
0.010"	(a/r)	FRC2885
0.030"	(a/r)	FRC2886
Gasket - lower swivel pin	(2)	571815
Lock washer	(4)	576608
Damper - lower swivel pin;		
rh	(1)	FTC1620
lh	(1)	FTC1621

DESCRIPTION QTY REQ. PART NO.

ABS-equipped vehicles - 1990 onwards

Taper roller bearing	(4)	606666
Thrust washer	(2)	FTC124
Swivel pin - upper	(2)	STC226
Bush - upper swivel pin	(2)	FTC1374
For ABS sensor.		
Seal - upper swivel pin	(2)	FTC1376
For ABS sensor.		
Swivel pin - lower	(2)	FRC2894
Shim - upper swivel pin;		
0.003"	(a/r)	FRC2883
0.005"	(a/r)	FRC2884
0.010"	(a/r)	FRC2885
0.030"	(a/r)	FRC2886
Gasket - lower swivel pin	(2)	FTC3647
Damper - lower swivel pin;		
rh	(1)	FTC1616
lh	(1)	FTC1617

Stub Axle - Front

Non-ABS vehicles - up to VIN JA624516 (1992)

Stub axle;		
1970 to June 1985	(2)	593788
July 1985 to VIN EA305589	(2)	FRC8026
(1988) Axle suffix A.		
VIN EA305590 to VIN JA624516(2)		FTC57
(1992) See Halfshaft & C.V. joint assembly for notes on how to identify 1992 vehicles.		
Bush - stub axle - 1970 to 1992	(2)	571821
Thrust washer - stub axle - 1992 on(2)		FTC56
Gasket - stub axle to swivel housing;		
1970 to Jun 1985	(2)	571751
July 1985 onwards	(2)	FTC3648
Mud shield - stub axle;		
1970 to June 1985	(2)	593610
July 1985 onwards	(2)	FRC2310

Non-ABS vehicles - VIN JA624517 onwards

Stub axle	(2)	FTC3154
Thrust washer - stub axle	(2)	FTC56
Gasket - stub axle to swivel housing(2)		FTC3648
Mud shield - stub axle	(2)	FRC2310

ABS-equipped vehicles - 1990 onwards

Stub axle;		
1990 to VIN JA624755 (1992)	(2)	FTC858
VIN KA624756 (1993) onwards(2)		FTC3154
Bearing - stub axle	(2)	FTC861
Oil seal - stub axle;		
up to VIN JA624755 (1992)	(2)	FTC840
VIN KA624756 (1993) onwards(2)		FTC5268
Thrust washer - stub axle - 1992 on(2)		FTC56
Gasket - stub axle to swivel housing(2)		FTC3648

DESCRIPTION QTY REQ. PART NO.

Hub & Driveshaft - Front

Hub & wheelstud assembly - non-ABS;		
1970 to June 1985	(2)	FRC5927
July 1985 to VIN JA624516	(2)	FTC1457
(1992).		
VIN JA624517 onwards	(2)	FTC942
Hub & wheelstud assembly - ABS vehicles;		
1990 (VIN GA) onwards	(2)	FTC942
Wheelstud;		
for steel wheels	(10)	576841
for alloy wheels	(10)	FRC5926
Note: wheelstuds for alloy wheels have a larger head and are marked with either a triangle or a groove on the end of the stud.		
Wheel bearing kit (per wheel);		
Comprises: 2 x wheel bearings, inner & outer hub seals, lock washer and outer hub gasket.		
non-ABS vehicles		
1970 to June 1985	(2)	RA1262
July 1985 onwards	(2)	RA1263
ABS-equipped vehicles	(2)	RA1264
Bearing only - hub	(4)	RTC3429
Hub seal - inner;		
1970 to June 1985		
early vehicles - 8mm thick	(2)	RTC3508
later vehicles - 12mm thick	(2)	RTC3511
July 1985 onwards	(2)	FTC4785
Hub seal - outer	(2)	FRC8222
Non-ABS only.		
Lock washer;		
Hub nut.		
non-ABS up to VIN JA624516	(2)	217353
(1992).		
non-ABS VIN JA624517 on	(2)	FTC3179
(1992).		
ABS-equipped vehicles	(2)	FTC3179
Spacer - July 1985 onwards	(2)	FRC8227
Non-ABS only.		
Outer hub/driveshaft	(2)	571761
Non-ABS vehicles up to VIN JA624516 (1992).		
Outer hub (without driveshaft)	(2)	FTC859
Non-ABS vehicles from VIN JA624517 & ABS-equipped vehicles from 1990 onwards.		
Gasket - outer hub	(2)	571752

Gear Oil

EP90 gear oil -Unipart 0.5 litre (A/R)	GGL190
Swivel grease (sachet)	(2) STC3435
For use instead of EP90 in swivel housings. Comes in pre-measured dispenser sachet.	
Once-only application - no need to top-up.	

LUBRICANTS & CAPACITIES

Oil type	
Differential (front & rear)	EP90
Swivel housing	EP90 or STC3435
Oil capacity	
Differential (front & rear)	1.7 litres (3 pints)



INTRODUCTION

The Range Rover's rear axle is an extremely rugged beam axle design, comprising a one-piece steel tube with a separate cast steel differential housing.

All of the component parts of the axle, such as the differential assembly, and halfshafts, can be removed and replaced with the axle in situ. It is rare for a Range Rover to require a complete replacement axle and for this reason we have avoided listing full axle assemblies. Nevertheless, if you should require a complete axle, please contact our sales department for price & availability (remembering to quote the year and VIN number of your vehicle, along with the serial number of the axle).

D.I.Y. overhaul of the differential assembly is not really viable, due to the specialist tools and skills required, so we list complete differential assemblies.

SERIAL NUMBER

The serial number of the rear axle is stamped on the rear or top of the axle casing, on the left hand side (roughly in line with the axle breather).

Serial numbers comprise a 3-figure code, identifying the axle type, followed by the serial number and then a suffix letter (A, B, C etc.).

The final drive ratio for all models is 3.54:1.

IMPORTANT - ABS

ABS was introduced in 1990 (VIN GA), necessitating some changes to the rear axle. In order to clarify the differences, we have divided the relevant parts into two categories: non-ABS vehicles and ABS-equipped vehicles.

It is important to bear this in mind when ordering parts due to the safety-critical nature of ABS-related components.

Rear Axle/Differential

Axle assembly - rear

Please enquire for price & availability of complete axle assemblies.

Breather - axle casing	(1)	515845
Breather pipe	(1)	FTC2176
Washer - drain plug	(1)	515599

Differential assembly - rear;

Please refer to Price Guide or contact us for latest availability on new and reconditioned units.

Part Number Suffixes:

New (N), Factory Recon (E), Aftermarket Recon (R).
Complete & ready to fit to axle.

1970 to VIN JA623614 (1992)	(1)	FTC1709
JA623615 to KA637567 (1993)	(1)	FTC2750
KA637568 to 1994 (VIN LA)	(1)	FTC3272
1995 (VIN MA) onwards	(1)	FTC3723
Oil seal - diff pinion;		
1970 to June 1985	(1)	FRC4586
July 1985 onwards	(1)	FRC8220
Gasket - diff housing cover	(1)	7316
<i>All models.</i>		
Bearing - differential;		
pinion		
outer	(1)	539707
inner	(1)	539706
differential		
up to axle suffix E	(2)	41045
axle suffix F onwards	(2)	RTC2726

Halfshaft & Stub Axle - Rear - Non ABS Vehicles

Halfshaft - rear - non ABS vehicles;		
1970 up to VIN JA624516 (1992)		
rh	(1)	571882
lh	(1)	571883
VIN JA624517 (1992) to axle no. 36S00594B		
rh	(1)	FTC3187
lh	(1)	FTC3186
axle no. 36S00595B onwards		
rh	(1)	FTC3270
lh	(1)	FTC3271
Gasket - halfshaft to hub	(2)	571752
Hub cap (1990 onwards)	(2)	FTC5414
<i>Fitted up to VIN JA624516 (1992).</i>		
Stub axle - rear;		
1970 to June 1985	(2)	593681
July 1985 to 1990 (VIN GA)	(2)	FRC8005
1991 (VIN HA) only	(2)	FTC950
1992 (VIN JA) up to JA624516	(2)	FRC8005
VIN JA624517 (1992) onwards	(2)	FTC3188
Oil seal - stub axle	(2)	FTC5268
Gasket - stub axle;		
1970 to June 1985	(2)	571751
July 1985 to VIN JA624516	(2)	FTC3648
VIN JA624517 (1992) onwards	(2)	FTC3650
Mudshield - stub axle;		
1970 to June 1985	(2)	593610
July 1985 to 1986	(2)	FTC3648
1986 to VIN JA624516 (1992)	(2)	FRC2310
VIN JA624517 (1992) onwards	(2)	FTC1378
Hub - rear (includes studs);		
1970 to June 1985	(2)	FRC5927
July 1985 to 1989 (VIN FA)	(2)	FTC1457
1990 (VIN GA) to 1991 (VIN HA)	(2)	FTC942
1992 (VIN JA) to JA624516	(2)	FTC1457
VIN JA624517 (1992) onwards	(2)	FTC942
Wheel stud - rear;		
for steel wheels	(10)	576841
for alloy wheels	(10)	FRC5926
<i>Studs for alloys have a larger head and can be identified by having either a triangle or slot marking on the end.</i>		
Wheel bearing kit (per wheel);		
<i>Comprises: 2 x wheel bearings, inner & outer hub seals, lock washer and outer hub gasket.</i>		
non-ABS vehicles		
1970 to June 1985	(2)	RA1262
July 1985 onwards	(2)	RA1263
Bearing only - rear hub	(4)	RTC3429
<i>Inner & outer.</i>		
Seal - hub;		
1970 to June 1985 (inner)		
8mm thick	(2)	RTC3508
12mm thick	(2)	RTC3511
July 1985 to 1991 (VIN HA)		
inner	(2)	FTC4785
outer	(2)	FRC8222
1992 (VIN JA) onwards		
inner	(2)	FTC4785
outer	(2)	FRC8222
<i>Not fitted from VIN JA624517 (1992).</i>		
Seal - track spacer	(2)	FRC8227
<i>Not early vehicles.</i>		
Lock washer - hub nut;		
1970 - 1992	(2)	217353
1992 onwards	(2)	FTC3179
Gasket - outer hub	(2)	571752
Circlip - outer hub	(2)	549473
<i>If fitted.</i>		



Halfshaft & Stub Axle - Rear - ABS Vehicles

Halfshaft - rear - ABS-equipped vehicles;

<i>1990 onwards.</i>		
1990 up to 1992 (VIN JA)		
rh	(1)	FTC870
lh	(1)	FTC871
1993 (VIN KA) up to axle suffix B		
rh	(1)	FTC3187
lh	(1)	FTC3186
axle suffix B onwards		
rh	(1)	FTC3270
lh	(1)	FTC3271
Gasket - halfshaft to hub	(2)	571752
Hub cap	(2)	FTC5414
<i>Fitted only up to end of 1992 (VIN JA).</i>		
Circlip - halfshaft	(2)	549473
Stub axle - rear - 1990 (VIN GA);		
up to axle no. 35S16958B (coil spring) & 37S00315A (air suspension)	(2)	FTC950
axle no. 35S16959B (coil spring) & 37S00316A (air suspension) on	(2)	FTC3188
Oil seal - stub axle	(2)	FTC5268
Gasket - stub axle	(2)	FTC3650
Mudshield - stub axle	(2)	FTC1378
Hub - rear (includes studs)	(2)	FTC942
Wheel stud - rear	(10)	FRC5926
<i>Studs for alloys have a larger head and can be identified by having either a triangle or slot marking on the end.</i>		
Wheel bearing kit (per wheel);		
<i>Comprises: 2 x wheel bearings, inner & outer hub seals, lock washer and outer hub gasket.</i>		
ABS-equipped vehicles	(2)	RA1264
Seal - track spacer	(2)	FRC8227
<i>Not early vehicles.</i>		
Lock washer - hub nut;		
1970 - 1992	(2)	217353
1992 onwards	(2)	FTC3179
Gasket - outer hub	(2)	571752
Circlip - outer hub	(2)	549473
<i>If fitted.</i>		
Bearing - rear hub - inner & outer	(4)	RTC3429
Seal - hub - inner;		
1990 to 1991 (VIN HA)	(2)	FTC4785
1992 (VIN JA) onwards	(2)	FTC4785

Gear Oil

LUBRICANTS & CAPACITIES

Oil type

Differential (front & rear) EP90

Oil capacity

Differential (front & rear) 1.7 litres (3 pints)

EP90 gear oil;

Unipart - 0.5 litre

(1) GGL190

MORE STOCK EVERY DAY

If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.

INTRODUCTION

This section is divided in two: the first part covering vehicles with conventional suspension (ie. coil springs) and the second, vehicles with electronically controlled air suspension (ECAS). Air suspension was introduced in October 1992 as standard equipment on Vogue SE and Vogue LSE models; the rest of the vehicle range retained the conventional suspension arrangement.

Also mentioned in the text is the CSK, a special edition 2-door model introduced in 1990 as a promotion for the 'new' anti-roll bar suspension. As well as anti-roll bars, it featured uprated dampers and ABS, to go with its 200 bhp 3.9 Efi engine.

Note: anti-roll bar components described in this section are for vehicles with factory-fitted anti-roll bars only.

Anti-roll bar kits for vehicles prior to 1990, and also improvement kits for vehicles with factory-fitted anti-roll bars, are listed in Suspension Packages on p52.



POLYURETHANE BUSHES

Polyurethane bushes are a popular alternative to the standard rubber items due to their benefits: superior performance, increased life expectancy (up to 5 times as long as rubber), resistance to oil and grease contamination and ease of fitting.

Polyurethane bushes are available as an alternative to most individual suspension bushes and are listed, where available, after the standard item. Complete kits are also available in the Suspension Packages section.

Standard Shock Absorber - Front

For Uprated Shock Absorbers/Kits refer to separate page.

Shock absorber - non anti-roll bar vehicles;

Includes washers, bushes & nuts.

1970 to 1985 (VIN BA)	(2)	RTC4582
1986 (VIN CA) onwards	(2)	STC2829

Shock absorber - vehicles with anti-roll bars; (1990 onwards). Includes washers, bushes & nuts.

all except CSK		
up to VIN KA638829 (1993)	(2)	STC207
VIN KA638830 onwards	(2)	STC2829
CSK only	(2)	STC305

Bush - shock absorber; Top & bottom.

standard	(8)	552818
polyurethane	(8)	552818P

Washer - shock absorber;

outer	(8)	500746
inner	(8)	NRC4365

Nut - shock absorber

	(4)	NTC4571
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Turret - shock absorber

	(2)	NRC6372
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All models.

Retaining ring - turret

	(2)	572087
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Locknut - retaining ring

	(8)	NH605041
--	-----	-----------------

VEHICLES WITH COIL SPRING SUSPENSION

Standard Spring - Front

For Uprated Springs/Kits refer to separate page.

Road spring - standard;

V8 models		
rhd	(2)	572315
lhd		
rh side	(1)	572315
lh side	(1)	NRC4306

diesel models

up to VIN HA477607 (1991)		
rhd	(2)	NRC2119
lhd - rh side	(1)	NRC2119
- lh side	(1)	NRC4305

VIN HA477608 onwards

rhd	(2)	NTC8477
lhd - rh side	(1)	NTC8477
- lh side	(1)	NTC8476

Spring seat - lower

	(2)	NRC9700
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FRONT SHOCK ABSORBER & TURRET

Radius Arm - Front

Radius arm;

1970 to 1985 (VIN BA)	(2)	NRC4096
1986 to 1990 (VIN GA)	(2)	NTC2694
Vehicles without anti-roll bars.		
1991 (VIN HA) onwards	(2)	NTC7331
Vehicles with anti-roll bars only.		

Nut - radius arm;

1970 to 1985 (VIN BA)	(2)	NY610041
1986 onwards	(2)	NY120041

Bush - radius arm to axle;

Available in either standard rubber or polyurethane.

1970 to 1990 (VIN GA)		
standard	(4)	NTC6860
polyurethane	(4)	NTC6860PY
1991 (VIN HA) to VIN LA645532 (1994)		
standard	(4)	NTC6781
polyurethane	(4)	NTC6781PY

VIN LA645533 (1994) onwards

standard	(4)	NTC6860
polyurethane	(4)	NTC6860PY

Bush - radius arm to chassis;

1970 to 1985 (VIN BA)		
standard	(4)	572068
polyurethane	(4)	572068PY
1986 onwards (VIN CA)		
standard	(4)	NRC4514
polyurethane	(2)	NRC4514PY

Bolt - radius arm to axle;

long	(2)	BX116221
short	(2)	BX116201

Nut - radius arm bolt

	(4)	NY116051
--	-----	-----------------

Bump stop rubber;

all models except CSK	(2)	ANR4188
CSK only	(2)	NTC6085

RADIUS ARM & BUSHES



Panhard Rod

Panhard rod;

1970 to 1985 (VIN BA)	(1)	575501
1986 (VIN CA) onwards	(1)	NRC9729

Bush - panhard rod;

1970 to 1985 (VIN BA)		
standard	(2)	575580
polyurethane	(2)	575580PY

 1986 (VIN CA) onwards |

standard	(2)	ANR3410
polyurethane	(2)	ANR3410PY

Bolt - panhard rod to link;

1970 to 1985 (VIN BA)	(1)	BH608261
1986 (VIN CA) onwards	(1)	BH114167

Bolt - panhard rod to axle;

1970 to 1985 (VIN BA)	(1)	BH608241
1986 (VIN CA) onwards	(1)	BH114167

Nut - panhard rod bolts;

1970 to 1985 (VIN BA)	(2)	NY608041
1986 (VIN CA) onwards	(2)	NY114041

PANHARD ROD & BUSHES

Anti-roll Bar - Front

Note: anti-roll bar components described in this section are for vehicles with factory-fitted anti-roll bars only. Anti-roll bar kits for vehicles prior to 1990, and also improvement kits for vehicles with factory-fitted anti-roll bars, are listed in Suspension Packages on p51.

Anti-roll bar (1) **NTC6836**

Bush - anti-roll bar

standard	(2)	NTC6828
polyurethane	(2)	NTC6828PY

Link/balljoint assembly

	(2)	NTC1888
--	-----	----------------

Bush - link assembly;

standard	(4)	552819
polyurethane	(4)	552819PY

MORE STOCK EVERY DAY

If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.

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VEHICLES WITH AIR SUSPENSION

Standard Shock Absorber - Front

For Up-rated Shock Absorbers/Kits refer to separate page.

Shock absorber	(2)	STC2830
Bush - shock absorber; Top & bottom.		
standard	(8)	ANR1721
polyurethane	(8)	552818PY
Washer - shock absorber	(4)	ANR1895
Nut - shock absorber	(4)	NTC4571
Turret - shock absorber mounting;		
rh	(1)	ANR1724
lh	(1)	ANR1725

Air Spring - Front

Air spring	(2)	NTC9819
Bump stop rubber;		
up to 1994 (VIN LA)	(2)	NTC6085
1995 (VIN MA) onwards	(2)	ANR2420
Sensor assembly - air suspension	(2)	ANR1853

Radius Arm - Front

Radius arm;		
up to VIN LA645532 (1994)	(2)	NTC9830
VIN LA645533 onwards	(2)	ANR3480
Nut - radius arm	(2)	NY120041
Bush - radius arm to axle;		
up to VIN LA645532 (1994)		
standard	(4)	NTC6781
polyurethane	(4)	NTC6781PY
VIN LA645533 onwards		
standard	(4)	NTC6860
polyurethane	(4)	NTC6860PY
Bush - radius arm to chassis;		
standard	(4)	NRC4514
polyurethane	(4)	NRC4514PY
Bolt - radius arm to axle;		
long	(2)	BX116221
short	(2)	BX116201
Nut - radius arm bolt	(4)	NY116051
Bump stop rubber	(2)	ANR4188

Panhard Rod

Panhard rod	(1)	NRC9729
Bush - panhard rod;		
standard	(2)	ANR3410
polyurethane	(2)	ANR3410PY
Bolt - panhard rod	(2)	BH114167
Nut - panhard rod bolt	(2)	NY114041

KITS...KITS...KITS...
THE EASY WAY TO ORDER AND GET
THE RIGHT PARTS YOU NEED QUICKLY

MORE STOCK EVERY DAY

If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.



Anti-roll Bar - Front

Note: anti-roll bar components described in this section are for vehicles with factory-fitted anti-roll bars only. Anti-roll bar kits for vehicles prior to 1990, and also improvement kits for vehicles with factory-fitted anti-roll bars, are listed in Suspension Packages on p51.

Anti-roll bar	(1)	NTC6837
Bush - anti-roll bar		
standard	(2)	NTC6828
polyurethane	(2)	NTC6828PY
Link/balljoint assembly	(2)	NTC1888
Bush - link assembly;		
standard	(4)	552819
polyurethane	(4)	552819PY

Air Supply Components

Items listed here are Per Vehicle and not exclusive to Front Suspension.

Compressor	(1)	ANR4353
Air drier	(2)	NTC9812
Valve block assembly	(1)	ANR3757
Reservoir;		
up to VIN MA654292 (1995)	(1)	NTC9825
VIN MA654293 onwards	(1)	ANR3754
Pressure switch	(1)	NTC9826
<i>Note: up to VIN MA654292 only. Thereafter, switch is incorporated into valve block.</i>		



FRONT SUSPENSION - Air

INTRODUCTION

This section is divided in two: the first part covering vehicles with conventional suspension (ie. coil springs) and the second, vehicles with electronically controlled air suspension (ECAS). Air suspension was introduced in October 1992 as standard equipment on Vogue SE and Vogue LSE models; the rest of the vehicle range retained the conventional suspension arrangement.

Also mentioned in the text is the CSK, a special edition 2-door model introduced in 1990 as a promotion for the 'new' anti-roll bar suspension. As well as anti-roll bars, it featured uprated dampers and ABS, to go with its 200 bhp 3.9 Efi engine.

Note: anti-roll bar components described in this section are for vehicles with factory-fitted anti-roll bars only.

Anti-roll bar kits for vehicles prior to 1990, and also improvement kits for vehicles with factory-fitted anti-roll bars, are listed in Suspension Packages on p52.



POLYURETHANE BUSHES

Polyurethane bushes are a popular alternative to the standard rubber items due to their benefits: superior performance, increased life expectancy (up to 5 times as long as rubber), resistance to oil and grease contamination and ease of fitting.

Polyurethane bushes are available as an alternative to most individual suspension bushes and are listed, where available, after the standard item. Complete kits are also available in the Suspension Packages section.

KITS...KITS...KITS...

THE EASY WAY TO ORDER AND GET THE RIGHT PARTS YOU NEED QUICKLY

SELF-LEVELLING UNIT & BALLJOINTS



VEHICLES WITH COIL SPRING SUSPENSION

Standard Shock Absorber - Rear

For Uprated Shock Absorbers/Kits refer to separate page.

Shock absorber - non anti-roll bar vehicles;
Complete with washers, bushes & nuts.

1970 to VIN GA417084 (1990) (2) STC3941
1990 VIN GA417085 on (2) STC3939

Shock absorber - vehicles with anti-roll bars;
Complete with washers, bushes & nuts.

1990 to VIN KA638829 (1993) (2) STC208
VIN KA638830 to VIN LA (1994)(2) STC3939
VIN MA (1995) onwards (2) STC2831

Top bush - shock absorber;

1970 to VIN GA417084 (1990)
With split pin retainer.
standard (4) 552819
polyurethane (4) 552819PY

VIN GA417085 onwards

With washer & nut retainer.
standard (2) NRC5593
polyurethane (2)NRC5593PY

Bottom bush -shock absorber;
All models.

standard (4) 552818
polyurethane (4) 552818PY

Washer - top bush;

1970 to VIN GA417084 (2) 572204
VIN GA417085 onwards

outer (2) NRC5603
inner (2) NRC5602

Washer - bottom bush (all models);

outer (4) 500746
inner (4) NRC4365

Nut - shock absorber

(2) NTC4571
Split pin - top bush retaining (2) PS110281
1970 to VIN GA417084 (1990)

Standard Road Spring - Rear

For Uprated Springs/Kits refer to separate page.

Road spring - standard;

1970 to 1985
rhd (2) NRC2119
lhd
rh side (1) NRC2119
lh side (1) NRC4305

1986 to 1990 (VIN GA)

rhd - V8 & diesel (2) NRC8113
lhd
V8 (2) NRC8113
diesel - rh side (1) NRC8113
- lh side (1) NTC3285

1991 (VIN HA) to 1994 (VIN LA)

rhd - V8 & diesel (2) NRC2119
lhd - V8 & diesel
rh side (1) NRC2119
lh side (1) NRC4305

1995 (VIN MA) onwards

rhd - V8 & diesel (2) ANR3520
lhd - V8 & diesel
rh side (1) ANR3520
lh side (1) ANR3519

Spring seat - lower

(2) NRC9700
Retainer - spring (2) NTC6106
Isolator/spring seat - top (2) ANR2938
Later models.

Self Levelling Unit

Self-levelling unit (1) NRC4163
Balljoint - top & bottom (2) 575882
Gaiter;
top (1) 90575877
bottom (1) NRC6561
Clip - top gaiter;
large (1) RTC3519
small (1) 90577704
Clip - bottom gaiter;
large (1) 577703
small (1) 90577704
Seal - bottom (1) 592444

Balljoint - Top Link (A-Frame)

Please enquire for price & availability of top link assembly.

Balljoint - all models (1) ANR1799
Nut - balljoint (1) NTC4618
Rubber boot - balljoint (1) 572338
Bush - top link;
standard (2) NTC1773
polyurethane (1) NTC1773PY
Bolt - top link to chassis (2) BH612321
Nut - top link bolt (2) NY612041

REAR RADIUS ARM & BUSHES



Bottom Link (Radius Arm)

Bottom link (radius arm);
1970 to 1985 (inc VIN BA) (2) 577853
1986 (VIN CA onwards) (2) NTC8328
Mounting rubber - link to chassis;
1970 to 1985 (inc VIN BA) - 5/8" dia hole
standard (each) (2) 572180
polyurethane (pair) (1) STC618PY
1986 to 1991 (VIN CA to HA477205) - 20mm dia hole
standard (pair) (1) STC618
polyurethane (pair) (1) STC618PY
1992 on (VIN HA 477206 on)
standard (each) (2) NTC9027
polyurethane (pair) (1) STC618PY
Washer - link to chassis
1970 to 1985 (5/8" ID) (4) 572134
1986 on (20mm ID) (2) WA120001
Nut - Link to chassis
1970 to 1985 (5/8") (2) NY610041
1986 on (20mm) (2) NY120041
Bush - link to axle;
standard (2) NTC1772
polyurethane (2) NTC1772PY
Bolt - link to axle (2) BH610321
Nut - link to axle (2) NY610041
Bump stop rubber (2) ANR4189

Anti-roll Bar - Rear

Note: anti-roll bar components described in this section are for vehicles with factory-fitted anti-roll bars only.
Anti-roll bar kits for vehicles prior to 1990, and also improvement kits for vehicles with factory-fitted anti-roll bars, are listed in Suspension Packages on p51.

Anti-roll bar (1) ANR4344
Bush - anti-roll bar mounting
standard (2) NTC7394
polyurethane (2) NTC7394PY
Link/balljoint assembly (2) NTC1888
Bush - link assembly;
standard (4) 552819
polyurethane (4) 552819PY

VEHICLES WITH AIR SUSPENSION

Standard Shock Absorber - Rear

For Up-rated Shock Absorbers/Kits refer to separate page.

Shock absorber	(2)	STC2831
<i>Complete with washers, bushes & nuts.</i>		
Top bush - shock absorber		
standard	(2)	NRC5593
polyurethane	(2)	NRC5593PY
Bottom bush	(4)	ANR1721
Washer	(2)	ANR1895
Nut	(2)	NTC4571

Air Spring - Rear

Air spring	(2)	NTC9820
Bump stop rubber	(2)	ANR4189
Level sensor	(2)	NTC9845

Self Levelling Unit

Self-levelling unit	(1)	NRC4163
Balljoint - top & bottom	(2)	575882
Gaiter;		
top	(1)	90575877
bottom	(1)	NRC6561
Clip - top gaiter;		
large	(1)	RTC3519
small	(1)	90577704
Clip - bottom gaiter;		
large	(1)	577703
small	(1)	90577704
Seal - bottom	(1)	592444

Balljoint - Top Link (A-Frame)

Please enquire for price & availability of top link assembly.

Balljoint - all models	(1)	ANR1799
Nut - balljoint	(1)	NTC4618
Rubber boot - balljoint	(1)	572338
Bush - top link;		
standard	(2)	NTC1773
polyurethane	(1)	NTC1773PY
Bolt - top link to chassis	(2)	BH612321
Nut - top link bolt	(2)	NY612041

Bottom Link (Radius Arm)

Bottom link - air suspension	(2)	NTC9831
Mounting rubber - link to chassis;		
single		
standard	(2)	NTC9027
polyurethane	(2)	NTC9027PY
vehicle set - standard	(1)	STC618
<i>For polyurethane kits refer to Suspension Packages.</i>		
Washer - link to chassis	(2)	WA120001
Nut - link to chassis	(2)	NY120041
Bush - link to axle;		
standard	(2)	NTC1772
polyurethane	(2)	NTC1772PY
Bolt - link to axle	(2)	BH610321
Nut - link to axle	(2)	NY610041

Anti-roll Bar - Rear

Note: anti-roll bar components described in this section are for vehicles with factory-fitted anti-roll bars only. Anti-roll bar kits for vehicles prior to 1990, and also improvement kits for vehicles with factory-fitted anti-roll bars, are listed in Suspension Packages on p51.

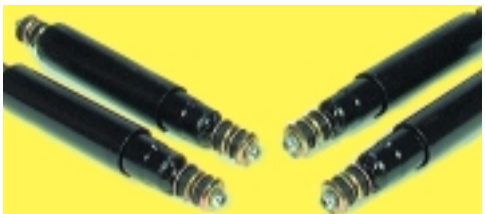
Anti-roll bar	(1)	ANR4344
Bush - anti-roll bar mounting		
standard	(2)	NTC7394
polyurethane	(2)	NTC7394PY
Link/balljoint assembly	(2)	NTC1888
Bush - link assembly;		
standard	(4)	552819
polyurethane	(4)	552819PY

Air Supply Components

Items listed here are Per Vehicle and not exclusive to Rear Suspension.

Compressor	(1)	ANR4353
Air drier	(2)	NTC9812
Valve block assembly	(1)	ANR3757
Reservoir;		
up to VIN MA654292 (1995)	(1)	NTC9825
VIN MA654293 onwards	(1)	ANR3754
Pressure switch	(1)	NTC9826
<i>Note: up to VIN MA654292 only. Thereafter, switch is incorporated into valve block.</i>		





STANDARD SHOCK ABSORBER KITS

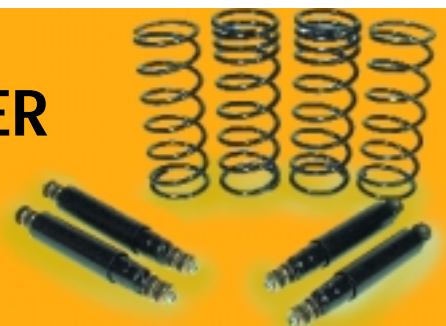
Kits include 2 front and 2 rear standard shock absorbers.

Non Anti-roll Bar Vehicles		
Year/chassis number	V8 RHD & LHD	Diesel RHD & LHD
1970 to 1985 To VIN BA	RA1265	-
1986 to 1990 From VIN CA to VIN GA417084	RA1266	RA1266
1990 only From VIN GA417085 to VIN GA450646	RA1267	RA1267
1990 to 1991 From VIN GA450647 to VIN HA471543	RA1268	RA1268
1991 onwards From VIN HA471544	RA1269	RA1269

Anti-roll Bar Vehicles		
Year/chassis number	V8 RHD & LHD	Diesel RHD & LHD
CSK model From 1990	RA1271	-
1990 to 1993 From VIN GA to VIN KA638829	RA1272	RA1272
1993 to 1994 From VIN KA638830 to VIN LA	RA1269	RA1269
1995 onwards From VIN MA	RA1273	RA1273

STANDARD SHOCK ABSORBER & SPRING KITS

Kits include 2 front and 2 rear standard shock absorbers and 4 road springs.



Year/chassis number	V8		Diesel to VIN HA477607 (1991)		Diesel VIN HA477608 onwards	
	RHD	LHD	RHD	LHD	RHD	LHD
1970 to 1985 To VIN BA	RA1114	RA1115	-	-	-	-
1986 to 1990 From VIN CA to VIN GA417084	RA1116	RA1117	RA1128	RA1129	-	-
1990 only From VIN GA417085 to VIN GA450646	RA1118	RA1119	RA1130	RA1131	-	-
1990 to 1991 From VIN GA450647 to VIN HA	RA1120	RA1121	RA1132	RA1133	-	-
1991 only From VIN HA464554 to VIN HA471543	RA1122	RA1123	RA1134	RA1135	-	-
1991 to 1994 From VIN HA471544 to VIN LA	RA1124	RA1125	RA1136	RA1137	RA1138	RA1139
1995 onwards From VIN MA	RA1126	RA1127	-	-	RA1140	RA1141

Year/chassis number	V8		Diesel to VIN HA477607 (1991)		Diesel VIN HA477608 onwards	
	RHD	LHD	RHD	LHD	RHD	LHD
CSK model From 1990	RA1142	-	-	-	-	-
1990 only VIN GA	RA1143	RA1144	RA1151	RA1152	-	-
1991 to 1993 From VIN HA to VIN KA638829	RA1145	RA1146	RA1153	RA1154	RA1155	RA1156
1993 to 1994 From VIN KA638830 to VIN LA	RA1147	RA1148	-	-	RA1157	RA1158
1995 onwards From VIN MA	RA1149	RA1150	-	-	RA1159	RA1160

SUSPENSION BUSH & BOLT KITS

STANDARD & POLYBUSH

STANDARD BUSH KITS - Direct replacement of original bushes. Kits contain complete vehicle sets of standard suspension bushes, including: Front: radius arm-to-axle, radius arm-to-chassis, panhard rod. Rear: top link-to-chassis, bottom link-to-axle, bottom link-to-chassis. Also included: top and bottom shock absorber bushes, front and rear.

POLYBUSH KITS - Polybush suspension bushes are available in two types, Classic (red) and Comfort (blue), both equally suitable for 1970 to 1995 Range Rovers (not Series 2 Range Rover - see rear of catalogue). Classic are the original polyurethane bushes, giving a firmer ride and more positive handling; Comfort bushes are designed to combine the smoothness and comfort of the factory-fitted rubber bushes with the long life and easy-fit of the Polybush Classic.

Supplied as full vehicle sets (excluding shock absorber & A-frame bushes), they are simple to fit replacements which will outperform and outlast the original rubber bushes many times over. Polyurethane bushes are also available singularly (black) - refer to individual listings on appropriate page(s).

Note: Although Polybush suspension bushes can be DIY fitted by hand, requiring no special tools, a hydraulic press may be needed to remove the old rubber bushes.

BOLT KITS contain all the nuts & bolts necessary when renewing the suspension bushes

	Standard Bushes		Poly Bush Kits		Bolt Kits
	Order Kit No.	Order Kit No.	Classic (red)	Comfort (blue)	Order Kit No.
KITS FOR COIL SPRING VEHICLES					
Bush Kit A 1970 to 1985 (VIN BA).	RA1170	RA1178	RA1179		RA1176
Bush Kit B 1986 (VIN CA) to 1989 (VIN FA).	RA1171	RA1274	RA1275		RA1177
Bush Kit C 1990 (VIN GA) to 1994 VIN LA645532.	RA1172	RA1274	RA1275		RA1177
Bush Kit D 1994 (VIN LA645533) onwards.	RA1173	RA1274	RA1275		RA1177
KITS FOR AIR SUSPENSION VEHICLES					
Bush Kit E 1990 (VIN GA) to 1994 VIN LA644532.	RA1174	RA1274	RA1275		RA1177
Bush Kit F 1994 (VIN LA645533) onwards.	RA1175	RA1274	RA1275		RA1177



STANDARD BUSH KIT



POLY BUSH KIT



BOLT KIT

UPRATED Shock Absorbers & Springs

The standard shock absorbers and springs fitted to Range Rover are a cost-effective compromise between ride comfort, handling, load carrying and towing ability. We recommend fitting uprated suspension components if any of the following applies to you:

1. You wish to improve handling.
2. You regularly tow large trailers or carry heavy loads for extended periods.
3. You have improved the performance of your Range Rover (for example, fitting one of our RCT engines).
4. You find the vehicle floats and wallows excessively, (see also anti-roll bar kits, below).
5. You regularly use the vehicle off-road.

We stock uprated shock absorbers by Bilstein, De Carbon and Koni. Bilstein and De Carbon are heavy duty, non-adjustable gas shock absorbers offering vastly superior damping abilities and extended life compared to original equipment.


Koni shock absorbers offer similar benefits, plus they are adjustable for damping rate whilst fitted to the vehicle.

We recommend changing the vehicle's springs at the same time. You can choose from uprated springs of standard ride height - recommended for normal road use - or raised ride height (front 30mm, rear 40mm higher), which are recommended for heavy towing and extra ground clearance when off-roading.


Our kits show just about every combination to suit your requirements - and they save you money too!

UPRATED SHOCK ABSORBER & SPRING KITS


COIL SPRING VEHICLES ONLY



De Carbon uprated Shock Absorbers & uprated Springs <i>Coil spring vehicles only</i>	CAR set (4)
with Standard Ride Height Springs <i>Front: 195lb, height 368mm Rear: 195lb, height 413mm</i>	RA1383
with Raised Ride Height Springs <i>Front: 195lb, height 394mm (raised 30mm) Rear: 295lb, height 445mm (raised 40mm)</i>	RA1384




Koni uprated Shock Absorbers & uprated Springs <i>Coil spring vehicles only</i>	CAR set (4)
with Standard Ride Height Springs <i>Front: 195lb, height 368mm Rear: 195lb, height 413mm</i>	RA1385
with Raised Ride Height Springs <i>Front: 195lb, height 394mm (raised 30mm) Rear: 295lb, height 445mm (raised 40mm)</i>	RA1386



Bilstein uprated Shock Absorbers & uprated Springs <i>Coil spring vehicles only</i>	CAR set (4)
with Standard Ride Height Springs <i>Front: 195lb, height 368mm Rear: 195lb, height 413mm</i>	RA1387
with Raised Ride Height Springs <i>Front: 195lb, height 394mm (raised 30mm) Rear: 295lb, height 445mm (raised 40mm)</i>	RA1388


UPRATED SHOCK ABSORBER KITS

ALL MODELS




De Carbon uprated Shock Absorbers	FRONT (pair)	REAR (pair)	CAR set (4)
Coil Spring Vehicles only	RA1345D	RA1346D	RA1344D

HEAVY DUTY GAS NON-ADJUSTABLE



Koni uprated Shock Absorbers	FRONT (pair)	REAR (pair)	CAR set (4)
Coil Spring Vehicles	RA1345K	RA1346K	RA1344K
Air Spring Vehicles	RA1347K	RA1348K	RA1355K

ADJUSTABLE OIL-FILLED




Bilstein uprated Shock Absorbers	FRONT (pair)	REAR (pair)	CAR set (4)
Coil Spring Vehicles	RA1345B	RA1346B	RA1344B
Air Spring Vehicles	RA1347B	RA1348B	RA1355B

HEAVY DUTY GAS NON-ADJUSTABLE

UPRATED SPRING KITS

COIL SPRING VEHICLES ONLY



Uprated Springs <i>Coil spring vehicles only</i>	FRONT (pair)	REAR (pair)	CAR set (4)
Standard Ride Height <i>Front: rate 195lb, height 368mm Rear: rate 195lb, height 413mm</i>	RA1350	RA1351	RA1349
Raised Ride Height <i>Front: rate 195lb, height 394mm (raised 30mm) Rear: rate 295lb, height 445mm (raised 40mm)</i>	RA1350R	RA1351R	RA1349R

Anti-roll bars

Anti-roll bars were factory fitted on certain models from 1991. Fitting anti-roll bars decreases the amount of pitch and roll during hard cornering by controlling suspension travel. However, anti-roll bars will limit axle articulation when off-roading, for the same reason. For vehicles used mostly on road, anti-roll bars will transform the handling, steering and braking; particularly when used in conjunction with our polyurethane bush kits, uprated shock absorbers, stiffer springs and uprated steering damper.

Note: these kits are not suitable as replacement for factory fitted items.

Anti-roll bar kits (*Coil spring vehicles only*)

front	RA1352
rear	RA1353

FRONT ANTI-ROLL BAR KIT



REAR ANTI-ROLL BAR KIT




Uprated Steering Damper

Used on its own or in conjunction with uprated suspension and bush kits, uprated steering dampers improve the 'feel' and accuracy of the steering.

Uprated steering damper;
Bilstein **STC788UR**

SUSPENSION PACKAGES

INTRODUCTION

We offer the superb range of genuine Land Rover Alloy Wheels to enhance & upgrade your classic Range Rover. Made from M25 Alloy they are x-ray checked to ensure maximum safety with performance and are designed and developed specifically for the Range Rover ensuring peace of mind in all situations.

You will find that our combined wheel/tyre packages offer great value for money - and convenience. Special low-cost carriage also applies for wheel/tyre sets.

When fitting alloys to your Range Rover for the first time, check that the wheel studs are suitable for alloys by looking for a slot or a triangle marking on the end of the stud. Studs marked in this way have a larger head, necessary for the fitting of alloy wheels. Similarly, alloys require suitable wheelnuts and can not be fitted using nuts from steel wheels.

Wheel stud (if required)

for Alloy wheels (each)	(20)	FRC5926
for Steel wheels (each)	(20)	576841

ALLOY WHEEL & WHEEL-TYRE PACKAGES

SPORTS



'Sports'

Land Rover Alloy Wheel (5 spoke)
Silver, less centre & nuts (7Jx16)
Wheel only (each)
Wheel set (4)

STC8126
STC8126K

FREESTYLE



'Freestyle'

Land Rover Alloy Wheel (5 spoke)
Silver, less centre & nuts (7Jx16).
Also known as 'Tornado' style.
Wheel only (each)
Wheel set (4)

ANR5307MNH
ANR5307MNHK



'Sports'

Land Rover Alloy Wheel (5 spoke) & Tyre
Silver, less centre & nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
Note: optional 235/70R16 tyre can also be fitted at additional cost.

Wheel & tyre (each)
Wheel & tyre set (4)

STC8126T
STC8126KT



'Freestyle'

Land Rover Alloy Wheel (5 spoke) & Tyre
Silver, less centre & nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
Note: optional 235/70R16 tyre can also be fitted at additional cost.

Wheel & tyre (each)
Wheel & tyre set (4)

ANR5307MNH
ANR5307MNHK



Nuts & Centres

Wheel Nuts (standard)
each
set of 20
set of 20 in stainless steel
Wheel Nuts (locking)
set of 4
set of 4 + 16 standard nuts
Wheel Centre Cap (with logo)
grey (each)
black (each)

NRC7415
NRC7415K
RTC9563AA
RA1390
RA1390K
ANR2391MUE
NRC8254



Nuts & Centres

Wheel Nuts (standard)
each
set of 20
set of 20 in stainless steel
Wheel Nuts (locking)
set of 4
set of 4 + 16 standard nuts
Wheel Centre Cap (with logo)
grey (each)
black (each)

NRC7415
NRC7415K
RTC9563AA
RA1390
RA1390K
ANR2391MUE
NRC8254

ALLOY WHEEL & WHEEL-TYRE PACKAGES

STYLED LSE



'Styled LSE'

Land Rover Alloy Wheel (5 spoke)
Silver, less centre & nuts (7Jx16).
As fitted to early LSE & CSK models.
Also available colour coded at extra cost.

Wheel only (each)
Wheel set (4)

RTC9526
RTC9526K



'Styled LSE'

Land Rover Alloy Wheel (5 spoke) & Tyre
Silver, less centre & nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
As fitted to early LSE & CSK models.
Also available colour coded at extra cost.
Note: optional 235/70R16 tyre can also be fitted at additional cost.

Wheel & tyre (each)
Wheel & tyre set (4)

RTC9526T
RTC9526KT



Nuts & Centres

Wheel Nuts (standard)
each
set of 20
set of 20 in stainless steel
Wheel Nuts (locking)
set of 4
set of 4 + 16 standard nuts
Wheel Centre Cap (with logo)
grey (each)
black (each)

NRC7415
NRC7415K
RTC9563AA
RA1390
RA1390K
ANR2391MUE
NRC8254

CYCLONE LSE



'Cyclone LSE'

Land Rover Alloy Wheel (5 spoke)
Silver sparkle, less centre & nuts (7Jx16).
As fitted to later LSE models.

Wheel only (each)
Wheel set (4)

ANR1406MNH
ANR1406MNHK



'Cyclone LSE'

Land Rover Alloy Wheel (5 spoke) & Tyre
Silver sparkle, less centre & nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
As fitted to later LSE models.
Note: optional 235/70R16 tyre can also be fitted at additional cost.

Wheel & tyre (each)
Wheel & tyre set (4)

ANR1406MNH
ANR1406MNHKT



Nuts & Centres

Wheel Nuts (standard)
each
set of 20
set of 20 in stainless steel
Wheel Nuts (locking)
set of 4
set of 4 + 16 standard nuts
Wheel Centre Cap (with logo)
grey (each)
black (each)

NRC7415
NRC7415K
RTC9563AA
RA1390
RA1390K
ANR2391MUE
NRC8254

VOGUE



'Vogue'

Land Rover Alloy Wheel (3 spoke)
Grey, less centre & nuts (7Jx16).
Also available colour coded at extra cost.

Wheel only (each)
Wheel set (4)

NTC1346
NTC1346K



'Vogue'

Land Rover Alloy Wheel (3 spoke) & Tyre
Grey, less centre & nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
Also available colour coded at extra cost.
Note: optional 235/70R16 tyre can also be fitted at additional cost.

Wheel & tyre (each)
Wheel & tyre set (4)

NTC1346T
NTC1346KT



Nuts & Centres

Wheel Nuts (standard)
each
set of 20
set of 20 in stainless steel
Wheel Nuts (locking)
set of 4
set of 4 + 16 standard nuts
Wheel Centre Cap (with logo)
grey (each)
black (each)

NRC7415
NRC7415K
RTC9563AA
RA1390
RA1390K
ANR2391MUE
NRC8254

STEEL WHEEL & WHEEL - TYRE PACKAGES

STEEL



'Steel'
Land Rover Alloy Wheel
Grey, less nuts (7Jx16). Spare Wheel fitment.
Ideal for off-roading!

Wheel only (each) **NTC5193PM**
Wheel set (4) **NTC5193PMK**



'Steel'
Land Rover Alloy Wheel & Tyre
Grey, less nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.

Wheel & tyre (each) **NTC5193PMT**
Wheel & tyre set (4) **NTC5193PMKT**



Wheel Nuts (steel wheels)
Wheel Nuts (standard)
each **NTC7396**
set of 20 **NTC7396K**
Wheel Nuts (locking)
set of 4 **RA1391**
set of 4 +16 standard nuts **RA1391K**



TRIPLE SPORT

18" WHEELS FOR YOUR CLASSIC?

Using our wheel hub PCD adaptor kit, it is possible to fit 'Series 2 Range Rover' 18x8J wheels to your classic.

Easily fitted (to ABS axles only - 1989 on) by bolting to existing hubs using existing alloy wheel nuts. A further set of 'Classic' alloy wheel nuts is required to fit the wheels to the adaptors.

It should be noted that the wheels will 'fill the arches' flush with the bodywork.

Please refer to the 'Series 2 Range Rover' section at the rear of the catalogue for details of wheel styles and packages available.



Wheel Hub Adaptor Kit **RA1389**
Set of 4 adaptors including instructions.
Please refer to page 54 for additional alloy wheel nuts required when fitting adaptors

MUDFLAPS

Mudflap Kit
Includes a pair of mudflaps & fittings

Front **RTC9562**
Rear **RA1434**
Mudflap only (each) (Front or rear) **MXC5587**

TOOLS

Hydraulic Jack **ANR4489**
Handle for jack **NTC6856**
Wheel Brace **NTC7829**
Wheel Chock (each) **ANR4960**
Tyre Pump **523638A**

TYRES

Original tyre sizes on the Classic are 205R16 for both steel and alloy wheels.

A popular alternative is to fit 235/70R16 (wider section) which increases the vehicle track by some 60mm and thereby improves handling. These tyres should only be fitted in vehicle sets to the tubeless alloy wheels (and not steel wheels). The rolling radius of 235/70R16 is the same as the original tyre and so will not affect gearing, speedo etc. No modifications are required.

We can offer various makes of tyre depending upon availability.

Tyre
size 205R 16 **205R 16**
size 235/70 R 16 **235/70 R 16**
Please call or refer to price guide for manufacturer options and prices.



Autoglym 'Clean Wheels'
500ml. Alloy wheel cleaning solution. **RX1322**
Autoglym 'Tyre dressing'
Makes tyres look like new! **RX1368**

INTRODUCTION

Range Rovers are equipped with disc brakes all round. Front discs are 298.17mm (11.75") diameter (solid discs up to October 1989, vented from then onwards) and rears are 290.0mm (11.42") diameter. Rear discs on all models are solid.

ABS was fitted to Vogue SE models from 1990 onwards as standard, and was available as an option on other models.

UPDATED BRAKES

We have 3 kits available for updating the Range Rover's braking system, depending on the year of the vehicle and whether just the front, or the front & rear, are to be improved. All of the kits contain grooved (handed) discs - ventilated at the front and solid at the rear - and carbon/kevlar brake pads.

To complement our updated brake kits, but also suitable for standard brakes, we stock stainless steel braided brake hoses, which improve brake line pressure and brake pedal feel.

IMPORTANT

Imperial & Metric threads - 1970 to 1989

The threads in the brake system of early (1970 to approx. 1984) Range Rovers are imperial (UNF). In 1984, calipers were changed to metric threads. Although similar in appearance, the two threads cannot be mixed; therefore, it is important to identify the type fitted to your vehicle before ordering replacement parts:

Imperial threads. Front axle suffixes A,B,C,D & E and rear axle to suffix C, use imperial threads. (1970 to approx. 1984).

Metric threads. Front axle suffix F and rear axle suffix D (approx. 1984) onwards use metric threads. In addition, metric threads are marked with the letter M on one of the flats at the base of the threads. Finally, with the introduction of metric threads, a new Lockheed master cylinder was fitted, incorporating an integral PDWA & warning switch.

Imperial & Metric threads - 1990 onwards

With the introduction of vented front discs from VIN GA (October 1989), imperial threads were again used in the brake calipers. In 1994, these were changed to metric.

Change points for front calipers are as follows:

Imperial calipers up to (front axle number)

46L11839C 47L11587C 48L05146C
49L11363C 50L00996C 51L07997C
54L00056B 55L00497B 56L03429B
57L05188B.

Metric calipers from (front axle number)

46L11840C, 47L11588C, 48L05147C,
49L11364C, 50L00997C, 51L07998C,
54L00057B, 55L00498B, 56L03430B
57L05189B.

Change points for rear calipers are as follows:

Imperial calipers up to (rear axle number)

36S00594B & 34S16421C

Metric calipers from (rear axle number)

36S00595B & 34S16422C.



Brake Discs

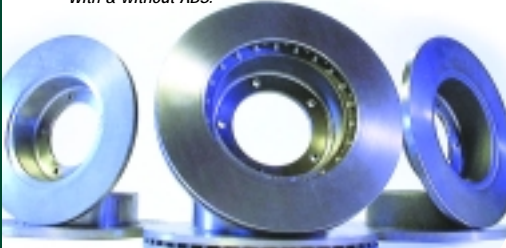
Brake disc - front:

solid		
1970 to 1985 (VIN BA)	(2)	571762
1986 (VIN CA) to 1989	(2)	FRC7329
vented (1990 onwards)	(2)	FTC902

Brake disc - rear:

1970 to 1985 (VIN BA)	(2)	571912
1986 (VIN CA) onwards	(2)	FTC1381

With & without ABS.



Brake Pads

Brake pads - front (Axle set) (4 pads):

1970 to 1990	(1)	STC2956
<i>For solid discs, for use with split pin type retaining pins.</i>		
1990 onwards	(1)	STC8571
<i>For vented discs, for use with solid pin type retaining pins.</i>		

Brake pads - rear - all models (1) STC8570

Retaining kit - brake pads;

Includes pins & anti-rattle springs.

front		
1970 to 1990 (solid discs)	(1)	RA1396
<i>Split-pin type retaining pins.</i>		
1990 onwards (vented discs)	(1)	STC8575
<i>Solid type retaining pins.</i>		
rear - all models	(1)	STC8574

Shim - anti-squeal (rear);

lh outer & rh inner	(2)	591628
rh outer & lh inner	(2)	591629

Brake Calipers

Brake caliper - front - for solid discs;

1970 to 1984 (to front axle suffix E)		
<i>With imperial threads.</i>		
rh	(1)	606681
lh	(1)	606682

1984 to 1990 (front axle suffix F onwards)		
<i>With metric threads.</i>		
rh	(1)	AEU1718
lh	(1)	AEU1719

Brake caliper - front - for vented discs;

3.9 V8 & 2500TD onwards. See IMPORTANT notes.

1990 to 1994		
rh	(1)	RTC6776
lh	(1)	RTC6777
<i>1995 onwards (See IMPORTANT notes)</i>		
rh	(1)	STC1282
lh	(1)	STC1283

Brake caliper - rear (with & without ABS);

1970 to 1984 (to rear axle suffix C)

<i>Imperial threads.</i>		
rh	(1)	606694
lh	(1)	606695

1984 (rear axle suffix D) - March 1993

<i>Metric threads.</i>		
rh	(1)	RTC5889
lh	(1)	RTC5890

April 1994 onwards (See IMPORTANT notes).

rh	(1)	STC1264
lh	(1)	STC1265

Piston - brake caliper;

front	(8)	606683A
rear	(4)	606696

Seal kit - caliper piston;

front	(4)	AEU1547
rear	(2)	8G8587

Bleed nipple - caliper;

front		
imperial (1970 to 1984)	(6)	606684
metric (1984 onwards)	(6)	RTC1526
rear		
imperial (1970 to 1984)	(2)	606684

Updated Brake Kits

For improving the braking ability of your Range Rover when performance and/or handling improvements have been carried out, we have the following Updated Brake Kits available:



KIT 1
Updated Front Brake Kit **RA1357**

Converts solid front discs to ventilated. (up to Oct 1989-3.5V8 & 2.4TD).

Includes brand new, ventilated 4-pot calipers, ventilated, updated EBC turbo groove front discs (handed with curved grooves & dimples), a set of EBC Kevlar (green stuff) pads (fast road) and pad retaining kit.



KIT 2
Updated Front Brake Kit **RA1358**

Suitable for vehicles with existing ventilated front discs (Oct 1989 on - 3.9V8 & 2.5TD).

Includes ventilated, updated EBC turbo groove front discs (handed with curved grooves & dimples), and a set of EBC Kevlar (green stuff) pads (fast road).



KIT 3
Updated Rear Brake Kit **RA1359**

Suitable for all vehicles.

Includes solid, updated EBC turbo groove rear discs (curved grooves & dimples), and a set of EBC Kevlar (green stuff) pads (fast road).

SERVICE ITEMS

EBC Turbo groove brake discs - updated.

front (ventilated) - pair	RA1394
rear (solid) - pair	RA1395

EBC Kevlar (green stuff) pads - fast road.

Pads will also fit standard discs but we recommend fitting with EBC turbo groove discs for maximum benefit. Note: front pads suitable only for ventilated (1990 on) discs.

front - set	RA1392
rear - set	RA1393

DESCRIPTION	QTY REQ.	PART NO.
metric (1984 onwards)	(2)	RTC1526

Brake Hydraulics

Master cylinder (non ABS);		
1970 to 1984 <i>Imperial.</i>	(1)	RTC3657
1984 to 1987 (VIN DA301157)	(1)	RTC3658
<i>Metric - Lockheed, with integral warning switch.</i>		
1987 to 1994 <i>(VIN DA301158 to LA647644)</i>	(1)	NTC4991
<i>Girling, without integral warning switch.</i>		
1995 (VIN MA647645) on	(1)	STC1763
Seal kit - master cylinder;		
1970 to 1984	(1)	AEU1940
1984 to VIN DA301157 (1987)	(1)	AEU1894
1987 (VIN DA301158) on	(1)	RTC5834
Warning switch - pressure failure	(1)	PRC2583
<i>Fitted in master cylinder body.</i>		
Servo (non-ABS vehicles);		
1970 to 1984	(1)	607394
1984 to 1987 (VIN DA301157)	(1)	AEU1715
1987 (VIN DA301158) on	(1)	STC1286
Servo Repair Kit (1970-1984)	(1)	AEU1021
Vacuum hose - servo;		
carb vehicles (670mm)	(1)	NTC3291
efi vehicles		
rhd (670mm)	(1)	NTC3291
lhd		
to VIN LA647644 (1994)	(1)	NTC4242
VIN MA647645 (1995) on	(1)	NTC7862
diesel vehicles		
rhd (670mm)	(1)	NTC3291
lhd (1150mm)	(1)	NTC4242
Non-return valve - servo;		
1970 to 1984	(1)	606030A
1984 to 1991	(1)	RTC5636
1992 onwards	(1)	STC780
Non-return valve - inlet manifold	(1)	RTC5907
Switch - vacuum loss indication	(1)	589219
<i>Where fitted.</i>		
Pressure reducing valve - non-ABS;		
early vehicles (imperial thread)		
horizontally mounted switch	(1)	565550
vertically mounted switch	(1)	599443
1984 to 1985 (metric thread)	(1)	NRC5352
1986 (VIN CA) only	(1)	ANR3194
1987 (VIN DA) onwards	(1)	NTC6868L
Pressure reducing valve - ABS vehicles;		
standard wheelbase vehicles	(1)	NTC6868L
long wheelbase vehicles	(1)	NTC9753
Pressure reducing valve - rear	(1)	NRC5352
<i>Early vehicles only.</i>		

Brake Pipes

We have listed below our copper brake pipe kits (non-ABS only), which contain a full vehicle set of rigid brake pipes (including caliper pipes). Also listed below are standard (rigid) caliper pipes as these commonly require replacement. If you require any individual pipes not listed below, or ABS brake pipes, please contact our sales department.

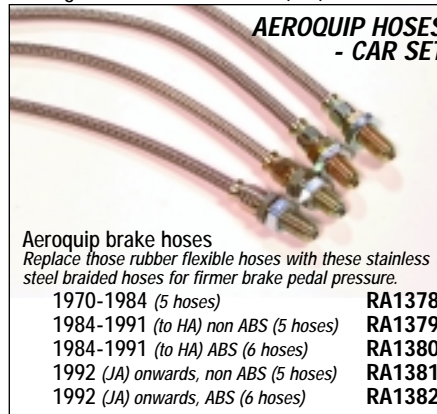
Brake pipe kit - non-ABS only;		
<i>Copper.</i>		
1970 to 1984 (imperial thread)		
early - 2-door only	(1)	RA1193
<i>With rear pressure reducing valve.</i>		
2- & 4-door	(1)	RA1194
<i>Without rear pressure reducing valve.</i>		
1984 to 1986 (metric thread)	(1)	RA1195
1987 (VIN DA) onwards	(1)	RA1196
Brake pipe - caliper to flexible hose;		
1970 to 1984 (imperial)		
primary	(2)	90577882
secondary	(2)	577878
1984 to 1991 (metric)		
primary		
rh	(1)	NTC8096
lh	(1)	NTC8098
secondary		
rh	(1)	NTC8097

DESCRIPTION	QTY REQ.	PART NO.
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BRAKE MASTER CYLINDER

1992 (VIN JA) to 1994 (VIN LA)	(1)	NTC8099
lh		
primary		
rh	(1)	NTC9547
lh	(1)	NTC9546
secondary		
rh	(1)	NTC9545
lh	(1)	NTC9548
1995 (VIN MA) onwards		
primary		
rh	(1)	ANR2956
lh	(1)	ANR2957
secondary		
rh	(1)	ANR2958
lh	(1)	ANR2955
Brake pipe clip;		
double	(A/R)	625521A
single	(A/R)	GHF1192



AEROQUIP HOSES - CAR SET

Aeroquip brake hoses
Replace those rubber flexible hoses with these stainless steel braided hoses for firmer brake pedal pressure.

1970-1984 (5 hoses)	RA1378
1984-1991 (to HA) non ABS (5 hoses)	RA1379
1984-1991 (to HA) ABS (6 hoses)	RA1380
1992 (JA) onwards, non ABS (5 hoses)	RA1381
1992 (JA) onwards, ABS (6 hoses)	RA1382

Brake Hoses

Brake hoses are available as standard (ie rubber) type or stainless steel braided type. Stainless braided hoses have a smaller internal diameter, which increases the brake fluid pressure. In addition, the stainless outer braiding improves pedal feel by preventing the hose from bulging.

Brake hose - front (ABS & non-ABS vehicles);
Flexible jumper hose.

1970 to 1984		
standard	(4)	NRC2209
stainless steel braided	(4)	NRC2209AQ
1984 to 1991 (VIN HA)		
standard	(4)	NRC4401
stainless steel braided	(4)	NRC4401AQ
1992 (VIN JA) onwards		
standard	(4)	NTC7670
stainless steel braided	(4)	NTC7670AQ
Brake hose - rear;		
<i>Flexible jumper hose.</i>		
1970 to 1984		
standard	(1)	598973
stainless steel braided	(1)	598973AQ
1984 onwards		
non-ABS		
standard	(1)	NTC3458
stainless steel braided	(1)	GBH328AQ
with ABS		
standard	(2)	NTC3458
stainless steel braided	(2)	GBH328AQ

DESCRIPTION	QTY REQ.	PART NO.
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Brake Fluid

Brake fluid;		
Unipart DOT 3 (1 litre)	(1)	GBF103
silicone		
0.5 litre	(1)	RX1327
1 litre	(1)	RX1326
Brake cleaner - aerosol	(1)	GBF901

ABS Components

Booster;		
1990 to 1991 (VIN HA)	(1)	NTC9787
1992 (VIN JA) onwards	(1)	STC886
Accumulator	(1)	RTC6498
Vacuum pump;		
<i>Note: always replace the ABS relays (3-off) when replacing the vacuum pump.</i>		
1990 to 1991 (VIN HA)	(1)	STC885
1992 (VIN JA) to VIN KA632718(1)	(1)	STC885
1993 (VIN KA632719) onwards	(1)	STC1181
Electronic control unit	(1)	STC1221
Relay - ABS;		
warning lamp relay	(1)	PRC8531
valve relay	(1)	PRC9603
hydraulic pump relay	(1)	PRC9603
Fuse - hydraulic pump relay (MAXI)(1)	(1)	PRC7498
Sensor - ABS - front;		
1990 to 1991 (VIN HA)	(2)	STC90
1992 (VIN JA) onwards		
rh	(1)	STC1864
lh	(1)	STC1865
Sensor - ABS - rear;		
1990 to 1991 (VIN HA)		
rh	(1)	RTC6743
lh	(1)	RTC6742
1992 (VIN JA) onwards	(1)	STC1866
<i>Inc. harness.</i>		
Bush - sensor (front & rear)	(4)	FTC1374
Seal - sensor (front only)	(2)	FTC1376
Exciter ring - ABS;		
front - part of C.V. joint - see Front Axle.		
rear	(2)	FTC1379
Pressure reducing valve - ABS vehicles;		
standard wheelbase vehicles	(1)	NTC6868L
long wheelbase vehicles	(1)	NTC9753

Electronic Traction Control

Electronic traction control (ETC) was introduced in October 1992 on ABS-equipped vehicles. ETC works in conjunction with the ABS - on the rear wheels only - by applying brake pressure to the spinning wheel, thereby transferring drive to the opposite wheel.

Valve block	(1)	STC845
Pressure reducing valve	(1)	NTC9753

Handbrake

For Handbrake Components, see Transfer Gearbox section.

Miscellaneous

Stop lamp switch;		
non-ABS vehicles	(1)	134529
ABS vehicles	(1)	AMR2010
Pedal rubber - brake;		
manual	(1)	575818
automatic	(1)	ANR2941



COPPER BRAKE PIPE KIT

INTRODUCTION

The Range Rover's steering is of the worm and roller steering box type, available only as manual steering from 1970 to 1973. In 1973, power steering was introduced as an option and was fitted as standard for the 1980 vehicle range onwards (introduced late 1979). Early vehicles had a steering ratio of 18.2:1, which was heavy at parking speed and, consequently, was changed to 20.55:1. The power steering ratio is 17.5:1.

Steering Box

Steering Box Identification

Manual Steering

Early (18.2:1 ratio) manual steering boxes have four screws securing the top cover plate; backlash adjustment is by a square-headed screw & locknut. Later manual steering boxes either have a cast alloy top cover, backlash adjustment being by a slotted screw & locknut, or a steel plate top cover, secured by two screws, with a further plate - secured by three screws - under which shims are added or subtracted to give backlash adjustment.

Note: early (18.2:1 ratio) steering boxes are no longer available. Instead, fit the later type steering box, along with lower steering shaft, part no. NTC8478.

Power Steering

Power steering boxes are either Adwest lightweight or Adwest heavyweight. Adwest lightweight have four screws securing the top cover and Adwest heavyweight have three.

Steering box - manual steering;

Note: early (18.2:1 ratio) steering boxes are no longer available. Instead, fit the later type steering box (listed below), along with lower steering shaft, part no. NTC8478.

1970 onwards

rhd (1) NTC8224
lhd (1) NTC8223

Steering box - power steering;

1973 to Aug 1985 - Adwest heavyweight

new

rhd (1) STC1137
lhd (1) STC1138

recon

rhd (1) STC8382E
lhd (1) STC8381E

Aug 1986 onwards - Adwest lightweight

new

rhd (1) STC2846
lhd (1) STC2845

recon

rhd (1) STC8384E
lhd (1) STC8383E

Seal kit - steering box;

manual steering

Gemmer & Burman - individual seals only - please contact our sales department.

Adwest (1) STC892

power steering

Adwest heavyweight (1) RTC308
Adwest lightweight (1) STC2847

Bolt - steering box to chassis;

manual steering (4) BH607401
power steering (4) BX112201

Nut - steering box to chassis

(4) NY607041

Manual steering.

Drop arm - steering box - manual;

Assembly includes balljoint.

rhd

1970 to VIN AA135736 (1983) (1) NRC8514K
VIN AA135737 (1983) on (1) RTC6398

lhd

1970 to VIN AA132294 (1983) (1) NRC8515K
VIN AA132295 (1983) on (1) RTC6399

Drop arm - steering box - pas;

Assembly includes balljoint.

rhd

1983 to VIN JA621323 (1992) (1) STC1044
VIN JA621324 (1992) on (1) NTC9236

lhd

1983 to VIN JA621351 (1992) (1) STC1045
VIN JA621352 (1992) on (1) NTC9235



STEERING SHAFT & COUPLING

Nut - drop arm	(1)	NT614041L
Balljoint - drop arm;		
manual steering		
1970 to 1983	(1)	AEU2761
See Drop Arm (above) for VIN change dates.		
1983 onwards	(1)	STC3295
power steering	(1)	STC3295
Nut - balljoint	(1)	NC112041
Tie bar - steering box;		
1970 to 1994 (VIN LA)		
rhd	(1)	594947
lhd	(1)	594946
1995 (VIN MA) onwards	(1)	ANR2994
Rhd & lhd.		

Power Steering Pump

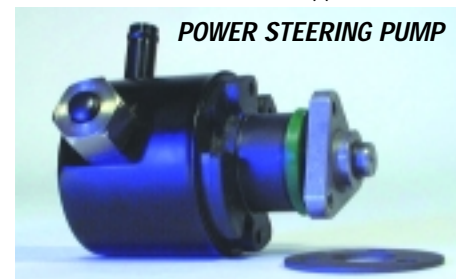
Power steering pump - V8;		
1973 to 1985	(1)	610020
1986 to 1994 (VIN LA)		
Carb & eff.		
30 series pump	(1)	ETC5689
200 series pump	(1)	ANR2003
1995 (VIN MA) onwards	(1)	QVB101110
Power steering pump - diesel;		
2400 TD		
up to engine 11A33463	(1)	ETC9081
200 series.		
engine 11A33464 onwards	(1)	NTC8289
2500 TD	(1)	NTC8289
200Tdi	(1)	NTC8288
300 Tdi	(1)	ANR2157
Seal kit - pas pump (30 series)	(1)	ABU7142
Drive belt - steering pump;		
V8		
1970 to 1994	(1)	ERC675
With separate belt for p.a.s.		
1995 onwards		
With serpentine drivebelt.		
non air con	(1)	ERR4461
with air con	(1)	ERR4623
diesel		
2400TD	(1)	ETC9080
2500TD	(1)	ETC9101
200Tdi	(1)	ERR810
300Tdi	(1)	ERR3287
Reservoir - steering fluid;		
metal type		
early - with dipstick in cap	(1)	592307
with oil level label	(1)	NRC9550
plastic type		
up to VIN KA629041 (1993)	(1)	NTC1791
VIN KA629042 (1993) on	(1)	ANR1998
Filter - fluid reservoir (metal type);		
early - with dipstick	(1)	601444
with oil level label	(1)	RTC3058
Seal - reservoir cap;		
early - with dipstick	(1)	601449
with oil level label	(1)	RTC3962
Hoses - power steering - see table over page		
PAS fluid;		
Unipart ATF		
0.5 litre	(1)	GGL175
5 litre	(1)	GGL505

Steering Shaft & Coupling

Lower steering shaft;		
manual steering		
up to VIN AA105755 (1980)	(1)	575728
VIN AA105756 onwards	(1)	NTC8478
Complete with upper flexible coupling.		
power steering		
up to VIN AA101677 (1979)	(1)	592779
VIN AA101678 to 1994 (VIN LA)	(1)	NTC8478
Complete with upper flexible coupling.		
1995 (VIN MA) onwards	(1)	ANR3171
Flexible coupling - upper	(1)	NTC3486
1984 to 1994 (VIN LA).		
Universal joint - lower steering shaft;		
Manual & power steering.		
Note: from 1984, upper universal joint is only available as part of steering shaft assembly.		
1970 to 1984	(2)	NRC7704
1984 to 1991 (VIN HA)	(1)	NRC7704
Lower only.		
1992 (VIN JA) to 1994 (VIN LA)	(1)	NRC7387
Lower only.		
1995 (VIN MA) onwards	(1)	STC2800
Lower only.		



STEERING DROP ARM & BALLJOINT KIT



POWER STEERING PUMP

POWER STEERING HOSES						
	Pump to Reservoir		High pressure Pump to steering box		Low pressure Reservoir to steering box	
	Rhd	Lhd	Rhd	Lhd	Rhd	Lhd
V8						
1973 to 1985	624160		NRC5988	624158	594795	624159
1986 onwards						
30 series pump	NTC2814		NTC1370	NTC1368	NTC1371	NTC1369
200 series pump - Up to VIN GA440929			NTC2597	-	NTC2600	NTC8862
200 series pump - VIN GA440930 on					NTC7953	
1992 onwards	NTC4245		NTC7952	NTC6790	NTC9430	NTC9429
Up to VIN KA624841						
VIN KA624842 - To 1994 (VIN LA)					ANR1887	
1995 (VIN MA) onwards			ANR3131			ANR2116
2400TD						
Up to eng. 11A33463	NTC3085		NTC3087	NTC3088	NTC3292	NTC3293
From eng. 11A33464 - To VIN GA (1990)	NTC6877	NTC3086				
From VIN GA (1990) onwards			NTC6733	NTC6732	NTC8865	NTC8866
2500TD	NTC7476	NTC7477				
Up to eng. 95A09901						
From eng. 95A09902						
200/300TDi						
Up to 1994 (VIN LA)	NTC4245		NTC5494	NTC6070		NTC9429
1995 (VIN MA) on						ANR2116

Track Rod

The parts listed below apply to all models.

- Track rod assembly (1) **RTC1799**
Comprising tube, adjusting shaft and track rod ends.
- Tube only - track rod (1) **NRC145**
- Adjusting shaft only - track rod (1) **NRC4700**
- Track rod end only (2) **RTC5869**
- Dust cover only - track rod end (2) **214649**
- Clamp only - track rod end (3) **577898**

Drag Link

Drag link assembly;
Including balljoints.

- 1970 to VIN JA018174 (1992) (1) **NRC3226**
- VIN JA018175 (1992) onwards (1) **NTC9607**
- Cross rod tube only - drag link;
- 1970 to VIN JA018174 (1992) (1) **NRC1824**
- VIN JA018175 (1992) onwards (1) **NTC8390**
- Cross rod end (eye) only (1) **NRC1823**
- Balljoint only - drag link;
- 1970 to VIN JA018174 (1992) (1) **RTC5869**
Rh thread.
- VIN JA018175 (1992) onwards
- Lh thread (1) **RTC5870**
- Rh thread (1) **RTC5869**
- Dust cover only- balljoint (1) **214649**
- Clamp only- balljoint (2) **577898**

Steering damper

The parts listed apply to all models unless otherwise shown.

- Steering damper;
Including bushes.
- standard (1) **STC786**
- uprated (Bilstein) (1) **STC786UR**

- Bush - damper mounting
- rubber (4) **568858**
- polyurethane (4) **568858PY**
- Harmonic damper (where fitted);
- up to VIN MA652713 (1995) (1) **RTC6825**
- VIN MA652714 (1995) on
- V8 (1) **FTC1499**
- diesel (1) **FRC9693**



Steering Wheel & Column

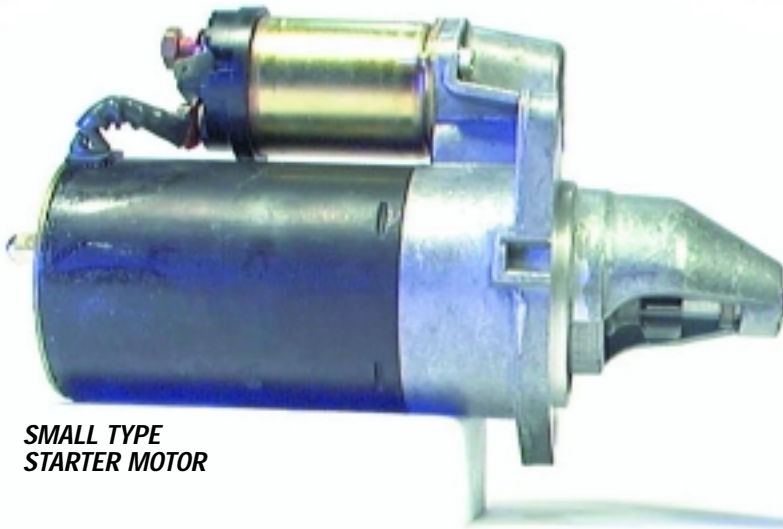
- Steering wheel;
- 4-spoke
 - untrimmed (1) **NRC4491**
 - trimmed - grey leather (1) **NRC5807**
 - 2-spoke - up to 1994
 - vinyl (1) **NTC5456RUN**
 - leather (1) **NTC6126**
 - with cruise control (1) **NTC5460RUN**
 - CSK only (1) **NTC8445**
 - 1995 onwards
 - non-leather (1) **NTC9940LNF**
 - leather (1) **NTC9945LNF**
 - with cruise control (1) **NTC9946LNF**
 - with airbag (1) **NTC9948LNF**
 - with cruise control & airbag (1) **NTC9949LNF**
- Centre finisher - steering wheel;
- 4-spoke
 - up to 1985 (1) **NRC4559**
 - 1985 onwards (1) **NTC1033**
 - 2-spoke (1) **NTC5689RUN**
 - 1995 onwards (horn push) (1) **QTN100260LNF**
- Steering column;
- 1970 to 1986 (VIN CA) (1) **NRC6288**
 - 1987 (VIN DA) to 1994 (VIN LA) (1) **NTC7821**
 - 1995 (VIN MA) onwards
 - non-cruise control, non-airbag (1) **ANR3653**
 - with cruise control or airbag (1) **ANR3654**
- Upper bearing - steering column (1) **RTC774**
1970 to 1986.
- Lower bearing - steering column (1) **RTC3982**
- Ignition lock & switch;
- 1970 to 1985 (1) **NRC3222**
Up to VIN BA147027 (2-dr), BA147005 (4-dr manual) & BA147009 (4-dr auto).
 - 1985 to 1991 (VIN HA) (1) **NRC8279**
 - 1992 (VIN JA) to 1994 (VIN LA) (1) **PRC8907**
(Except Japan).
 - 1995 (VIN MA) onwards (1) **STC1435**
(Except Japan).
- Ignition switch only;
- 1970 to 1985 (1) **579254**
Up to VIN BA147027 (2-dr), BA147005 (4-dr manual) & BA147009 (4-dr auto).
 - 1985 to 1991 (VIN HA) (1) **PRC3408**
 - 1992 (VIN JA) onwards (1) **STC932**
- Shear bolt - ignition lock;
- 1970 to 1986 (2) **51K4001**
 - 1987 onwards (2) **NTC4610**
- Nacelle - steering column;
- upper
 - 1970 to 1986 (1) **390299**
 - lower
 - 1970 to 1985 (1) **575289**
Up to VIN BA147027 (2-dr), BA147005 (4-dr manual) & BA147009 (4-dr auto).
 - 1985 to 1986
 - without electric mirrors (1) **MTC7996**
 - with electric mirrors (1) **MTC7997**
 - right hand side
 - 1987 to 1988 (VIN EA) (1) **MWC1232**
 - 1988 (VIN FA) to 1994 (VIN LA) (1) **MWC5340RUN**
 - 1995 (VIN MA) onwards (1) **ORB10006LNF**
Nacelle set (rh & lh).
 - left hand side
 - 1987 to 1988 (VIN EA) (1) **MWC1233**
 - 1988 to 1994 (VIN LA) (1) **MWC1233RUN**
 - 1995 (VIN MA) onwards - see rh side.



HELP US TO HELP YOU

If you are not sure which part/part number you require, to help ensure you receive the correct component, wherever possible please quote:

MODEL, YEAR, CHASSIS AND/OR ENGINE NUMBER PLUS ANY COMPONENT INFORMATION.



**SMALL TYPE
STARTER MOTOR**



ALTERNATOR

Engine Electrics - Major Units

Starter motor;

V8

all 3.5 litre. Also, 3.9 up to engine no. 19508A (9.35:1 cr) & 25791A (8.13:1 cr), and 4.2 up to engine no. 03276A

large type - 3M100	(1)	RTC5228
small type - M78R	(1)	RTC6061
3.9 & 4.2 litre above nos. on	(1)	ERR6087
2400TD & 2500TD	(1)	PRC5669
200Tdi & 300Tdi	(1)	ERR5009

Solenoid - starter motor;

V8

all 3.5 litre. Also, 3.9 up to engine no. 19508A (9.35:1 cr) & 25791A (8.13:1 cr), 4.2 up to engine no. 03276A(1) **RTC5049**
 3.9 & 4.2 litre above nos. on(1) **STC1242**
 2400TD & 2500TD (1) **RTC5750**
 200Tdi & 300Tdi (1) **STC1245**

Alternator - petrol

V8 - carb - recon

17 ACR, 36 amp <i>Left hand fixing.</i>	(1)	RTC5085E
18 ACR, 40 amp <i>Left hand fixing.</i>	(1)	RTC5086E
25 ACR, 60 amp non air con <i>Left hand fixing.</i>	(1)	RTC5087E
with air con <i>Right hand fixing.</i>	(1)	RTC5218E
A127, 65 amp right hand fixing	(1)	RTC5680E
left hand fixing	(1)	RTC5681E

Alternator - petrol Con't;

V8 - carb - new

right hand fixing	(1)	STC234
left hand fixing	(1)	STC233

V8 - efi - recon

up to 1992 (VIN JA) A127, 65 amp <i>Right hand fixing.</i>	(1)	RTC5680
A133, 80 amp <i>Left hand fixing.</i>	(1)	STC1753

1993 (VIN KA) to 1994 (VIN LA)

A127, 85 amp	(1)	YLE10099
A127, 100 amp	(1)	YLE10100
1995 (VIN MA) onwards	(1)	AMR3107

V8 - efi - new

up to 1992 (VIN JA) A127, 65 amp <i>Right hand fixing.</i>	(1)	STC234
A133, 80 amp <i>Left hand fixing.</i>	(1)	STC1753
1993 (VIN KA) to 1994 (VIN LA) A127, 85 amp	(1)	YLE10099
A127, 100 amp	(1)	YLE10100
1995 (VIN MA) onwards	(1)	AMR3107

Alternator - diesel

2400TD - recon

A133, 65 amp	(1)	RTC5250E
A127, 65 amp right hand fixing	(1)	RTC5680E
left hand fixing	(1)	RTC5681E

2400TD - new

A133, 65 amp	(1)	RTC5250
A127, 65 amp right hand fixing	(1)	STC234
left hand fixing	(1)	STC233

Alternator - diesel Con't;

2500TD - recon

A127, 65 amp	(1)	RTC5681E
A133, 80 amp	(1)	PRC7084E

2500TD - new

A127, 65 amp	(1)	STC233
A133, 80 amp	(1)	PRC7084

200Tdi - A127

recon	(1)	RTC5681E
new	(1)	STC233

300Tdi - A127

recon	(1)	YLE10113R
new	(1)	YLE10113

Drive belt - alternator;

V8 - carb

non air con	(1)	613602
with air con	(1)	614794

V8 - Efi (1986 on)

up to 1992 (VIN JA)	(1)	ERR2073
1993 (VIN KA) onwards	(1)	ERR2678

2400TD

rhd	(1)	ETC9002
lhd	(1)	ETC9019

2500TD

rhd	(1)	ERR416
lhd	(1)	ERR914

200Tdi

(1)	ETC7469
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300Tdi

(1)	ERR3287
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DESCRIPTION QTY REQ. PART NO.

Electronic Control Unit (E.C.U.) - Engine

ECU - V8 efi;
recon (1) **RA1435R**
Recon (exchange) - we can recondition your existing ECU to original specification, or uprate it to your requirements if you have a modified engine. Please contact our sales department for further details.
new (1) **RA1435**
New - please contact our sales department for availability & price of new ECUs.

Electronic unit - 300Tdi (1) **ERR4196**
Exhaust gas recirculation.

Wipers

Front Wipers

Wiper arms
For price & availability of wiper arms, please contact our Sales Department.

Wiper blade - front (2) **PRC9841**
18" blade - all models.

Wiper motor - windscreen;
1970 to 1983 (1) **RTC3870**
1984 to 1994 (VIN LA) (1) **STC495**
1995 (VIN MA) onwards;
Wiper motor & link assembly.
rhd (1) **AMR3870**
lhd (1) **AMR1517**

Seal - wiper motor to body;
1970 to 1994 (VIN LA) (1) **PRC7781**
1995 (VIN MA) onwards (1) **AMR1882**

Bush - wiper spindle (2) **607107**
18" blade - all models.

Rear Wiper

Wiper blade - rear (1) **PRC9841**
18" blade - all models
Wiper motor - rear;
up to 1986 (VIN CA) (1) **RTC3867**
1987 (VIN DA) to VIN JA618150 (1992)
rhd (1) **STC3389**
lhd (1) **STC3390**

VIN JA618151 (1992) onwards
rhd (1) **AMR1024**
lhd (1) **AMR1025**

Rack - rear wiper (up to 1986) (1) **508182**

Wheelbox - up to 1986 (1) **589798**

Wiper arm - rear;
up to 1986 (VIN CA)
rhd (1) **PRC3575**
lhd (1) **PRC3576**
1987 (VIN DA) to VIN GA413743 (1990)
rhd (1) **PRC6050**
lhd (1) **PRC6049**

VIN GA413744 (1990) onwards
rhd (1) **PRC8222**
lhd (1) **PRC8223**

Washer jet - rear (all models) (1) **PRC2438**
Programme unit - wiper delay (1) **PRC3022**



LIGHT UNIT & FIXINGS

DESCRIPTION QTY REQ. PART NO.

Windscreen & Tailgate Washers

Washer bottle - windscreen/headlamps;
1970 to 1985
early - washer pump in cap (1) **567972**
washer bottle only.
twin cap type (1) **RTC3447**

1986 onwards
without headlamp wash
up to 1991 (VIN HA) (1) **PRC6252**
1992 (VIN JA) to 1994 (1) **AMR3283**
1995 (VIN MA) onwards (1) **AMR3090**
with headlamp power wash
up to VIN DA277450 (1987)(1) **PRC6252**
VIN DA277451 to 1994 (1) **AMR3252**
1995 (VIN MA) onwards (1) **AMR3089**

Cap - washer bottle;
early - with pump (1) **24G6271**
twin cap type (2) **RTC1700**
1986 onwards (1) **DMG10001L**

Washer pump;
early - in-cap type (1) **RTC3640**
twin-cap bottle type (2) **STC575**
1986 onwards - push-in type
front screen (1) **STC1454**
rear screen (1) **STC1453**
headlamps (power wash) (1) **STC3079**

Seal - pump to bottle;
early - cap seal (1) **573260**
1986 onwards

screen pumps (2) **RTC3959**
headlamp pump (1) **ADU6418**
Sensor - low fluid level (1) **PRC5440**

Washer jet;
windscreen - 1970 to 1985
early - round jet base (2) **568027**
later - D-shaped jet base (2) **PRC3295**
windscreen - 1986 onwards
heated jet

up to 1992 (VIN JA) (2) **PRC6799**
1993 (VIN KA) onwards (2) **AMR2400**
unheated jet (2) **RTC6367**
rear (all models) (1) **PRC2438**

headlamps
up to 1994 (VIN LA) (2) **PRC4615**
1995 (VIN MA) onwards (2) **AMR3503**
Thermostat - heated jets (1) **PRC6895**
Fits in headlamp panel - to monitor air temperature.

Washer tubing (per metre) **GWW201M**

Non-return valves
front (2) **ACU5037**
rear (2) **PRC6857**

Headlamps

Early vehicles are fitted with tungsten filament headlamps (either sealed beam units, or with replaceable bulbs). From September 1979, halogen headlamps are fitted as standard. We offer a halogen headlamp conversion kit for early vehicles - see panel for details.

Headlamp Assembly

Headlamp assembly - tungsten filament;
Including outer & seating rims and rubber seal.
bulb type - lhd (Europe) (2) **PRC1701**
Except France.
sealed beam type - rhd (2) **PRC1852**

Headlamp assembly - halogen;
1970 to 1986 (VIN CA)
Including outer & seating rims and rubber seal.
rhd (2) **PRC4738**

lhd - except France (2) **PRC4739**
lhd - France only (2) **PRC4740**

1987 (VIN DA) to 1991 (VIN HA)
Including outer & seating rims and headlamp bowl.
rhd (2) **PRC5391**
lhd - except France (2) **PRC5392**
lhd - France only (2) **PRC5393**

DESCRIPTION QTY REQ. PART NO.

1992 (VIN JA) - Lucas
rhd (2) **PRC8941**
lhd - except France (2) **PRC8942**
lhd - France only (2) **PRC8943**
with levelling unit (2) **PRC7933**

1993 (VIN KA) onwards - Wipac
with chrome bezel
rhd (2) **AMR2066**
lhd - except France (2) **AMR2067**
lhd - France only (2) **AMR2068**
with black bezel
rhd (2) **AMR2344**
lhd (2) **AMR2345**
with levelling unit
chrome bezel (2) **AMR2089**
black bezel (2) **AMR3247**



Halogen headlight conversion kit;
For converting early non-halogen headlamps. Kit includes 2 light units, bulbs & instructions. Also available with integral pilot light (side light) if required.
RHD vehicles (1) **RB7129**
LHD vehicles
except France (1) **RB7082**
France only (1) **RB7160**

Headlamp Unit & Components

Light unit only - tungsten filament;
bulb type - lhd (Europe) (2) **RTC3684**
sealed beam unit
rhd (2) **RTC3682**
lhd - except Europe (2) **RTC3683**

Light unit only - halogen;
Lucas - up to 1992 (VIN JA)
rhd (2) **RTC4615**
lhd (2) **PRC7994**
with levelling unit (2) **PRC7994**

Wipac - 1993 (VIN KA) onwards
Chrome or black bezel.
rhd (2) **STC1209**
lhd (2) **STC1210**
with levelling unit (2) **STC1210**

Bulb - tungsten;
white - Europe (except France)(2) **505197**
yellow - France only (2) **505198**

Bulb - halogen;
Lucas and Wipac headlamps.
white - except France (2) **589783**
Including levelling headlamps.
yellow - France only (2) **PRC2167**

Headlamp retainers;
up to 1986 (VIN CA)
seal - rubber (2) **607206**
outer rim (2) **PRC7992**
seating rim (2) **RTC1821**
screw kit - retaining (2) **AEU1478**

1987 (VIN DA) to 1992 (VIN JA) - Lucas
outer rim (2) **PRC7992**
seating rim (2) **STC643**
gasket - seating rim (2) **531586**
screw kit - retaining (2) **BHM7058**

with levelling units
outer rim (1) **PRC7992**
seating rim (1) **PRC7997**
gasket - seating rim (1) **PRC7991**

1993 (VIN KA) onwards - Wipac
Including leveller units.
outer rim (black only) (2) **STC3018**
seating rim (2) **STC1613**
gasket - seating rim (2) **STC1612**
screw kit - retaining (2) **STC1614**

Switch - headlamp levelling (1) **PRC7989**
Actuator - headlamp levelling (2) **AMR2090**
Transformer - dim dip (1) **PRC8123**



Front Side & Flasher Lamps

Side & flasher lamp - front - complete;

1970 to 1991 (VIN HA)

Later type one-piece assembly - use to replace early type, which are no longer available.

rh (1) PRC5575
lh (1) PRC5576

1992 (VIN JA) onwards

rh (1) PRC8949
lh (1) PRC8950

Lens - side & flasher lamp - front;

1970 to 1986 - early type only - with amber flasher lens. Complete with gasket.

Nb. later type lens not available separately - use lamps listed above.

rh (1) AEU1610
lh (1) AEU1609

Bulb;

flasher lamp - front (2) 264591
side lamp - front
1970 to 1986 (2) 575312
1987 onwards (2) 10211

Side Repeaters - Front

Side repeater assembly - front;

1970 to 1984 (2) 589143
1985 (VIN BA) to 1986 (VIN CA)(2) PRC4562
1987 (VIN DA) to 1991 (VIN HA)(2) PRC7441
1992 (VIN JA) onwards (2) AFU3341L

Bulb - repeater lamp;

1970 to 1986 (VIN CA) (2) 570822
1987 to VIN KA635915 (1993) (2) RTC5929
VIN KA635916 (1993) onwards(2) AFU4481

Auxiliary Lamps - Front

Fitted in front spoiler.

For the full range of driving lamps, please refer to 'Accessories'.

Long range lamp - early vehicles (2) 608296
Fitted up to 1985.

Auxiliary lamp - 1986 up to 1991 (VIN HA)

clear (pair, inc. wiring) (1) PRC8238
yellow (France) (2) PRC8239
CSK only (2) PRC8240
1992 (VIN JA)

clear (2) AMR2005
yellow (2) AMR2006

Fog lamp - 1993 (VIN KA) on (2) AMR3396

Bulb - auxiliary & fog lamp (2) 606178



Auxiliary driving lamps (pair) (1) PRC8238
(Wipac) Fits all models.
Inc. relay and wiring. Good value.

Rear Lamps

Rear lamp assembly;

1970 to 1986 (VIN CA)

Nb. early rear lamps, without rear fog lamps, are no longer available - use rh & lh kits or replace with later items. Kits include lamp body, rear lens, side lens, gas kets & bulbs.

rh (1) RA1197
lh (1) RA1198

1987 (VIN DA) to 1991 (VIN HA)

stop lamp at bottom
rh (1) PRC4741
lh (1) PRC4742

stop lamp at top
rh (1) PRC7896
lh (1) PRC7897

1992 (VIN JA) onwards

rh (1) PRC8952
lh (1) PRC8953

Lens - rear lamp;

rear lens
up to VIN 100782 (1979)

rh (1) 90607118
lh (1) 607117

VIN 100783 to 1987 (stop lamp at bottom)
rh (1) RTC5551
lh (1) RTC5552

1987 onwards (stop lamp at top)
rh (1) RTC5989
lh (1) RTC5990

side lens
up to VIN 100782 (1979)

rh (1) 607115
lh (1) 607116

VIN 100783 onwards
rh (1) RTC5294
lh (1) RTC5295

Body - rear lamp - 1970 to 1985;

Nb. use complete assembly from 1986 onwards.

rh (1) RTC5901
lh (1) RTC5902

Gasket - rear lamp - all models;

lamp to body (2) AEU1525
lens to lamp (2) STC962

Bulb - rear lamp - all models;

stop/tail (2) 264590
fog, reverse & indicator (6) 264591
High level stop lamp - 1986 on (1) PRC9093
Bulb - high level stop lamp (1) 264591



Number Plate Lamps

Number plate lamp assembly;

1970 to 1984 (dome type) (2) PRC1258

1985 (VIN BA) to 1986 (VIN CA)(2) PRC3824
Rectangle type.

1987 (VIN DA) onwards (2) PRC6066
Rectangle type.

Lens - number plate lamp;

dome type (2) 606078
rectangle type

up to 1986 (2) RTC3831
1987 onwards (2) STC929

Gasket - number plate lamp

Rectangle type only. (2) RTC3830

Bulb - number plate lamp;

1970 to 1986 (2) 575312
1987 onwards (2) AFU4481

Interior Lamps

Lens - interior lamp (2) PRC1634

Seal - lens (2) 567905

Bulb - interior lamp (2) 586438

Switch - interior lamp;

steering column (1) 575253
Up to 1984 (VIN AA).

switch panel

1985 (VIN BA) to 1986 (VIN CA)(1) PRC4158

1986 (VIN CA) (1) AFU4207L

1987 (VIN DA) onwards (1) ATU1020L

doors (door pillar)

1970 to 1987 (2) STC872

1987 onwards (4) AAU1908A

tailgate (all models) (1) PRC7065

Delay unit - interior lamp;

VIN 113068 up to 1985 (1) PRC2832

1986 onwards (1) DCP8989

Door open lamp - rear of door (red);

up to 1989 (VIN FA) (2) PRC4801

1990 (VIN GA) onwards (2) PRC8077

Puddle lamp - bottom of door (white);

up to 1989 (VIN FA) (2) PRC4811

1990 (VIN GA) onwards (2) PRC8076

Bulb - door open & puddle lamps (4) AFU4481

Underbonnet lamp (2) PRC2924

Bulb - underbonnet lamp (2) AFU4481

Switch - underbonnet lamp (1) AAU1908A



ELECTRICAL SYSTEM



Electric Windows

Motor - window lift; <i>Motor only - does not include regulator.</i>		
up to 1989 (VIN FA)		
front		
rh	(1)	RTC3820
lh	(1)	RTC3821
rear		
rh	(1)	RTC3818
lh	(1)	RTC3819
1990 (VIN GA) onwards		
front		
rh	(1)	RTC6641
lh	(1)	RTC6640
rear - up to 1994 (VIN LA)		
rh	(1)	RTC6643
lh	(1)	RTC6642
rear - 1995 (VIN MA) onwards		
rh	(1)	STC1627
lh	(1)	STC1626
Switch - electric window - up to 1994 (VIN LA);		
front (console)		
driver's side window	(1)	PRC5254
passenger's side window	(1)	PRC5255
rear window		
rh	(1)	PRC5254
lh	(1)	PRC5255
isolator		
rear door		
up to 1988 (VIN EA)	(2)	PRC3912
1989 (VIN FA) to 1991 (VIN HA)	(2)	PRC5255
1992 (VIN JA) onwards		
rh	(1)	PRC5254
lh	(1)	PRC5255
Switch - electric window - 1995 (VIN MA) on;		
front (console)		
isolator	(4)	AMR2496
rear door	(1)	AMR2497
rh	(1)	PRC5254
lh	(1)	PRC5255
Control unit - one touch windows;		
up to 1994 (VIN LA)	(1)	PRC6859
1995 (VIN MA) onwards	(1)	AMR1282

Electric Sunroof

Motor assembly;		
steel sunroof	(1)	MXC8407
glass sunroof (1991 onwards)	(1)	MXC9574
Control unit - sunroof (glass type)	(1)	MXC9575
Switch - sunroof		
rh - up to 1991	(1)	PRC5254
- 1992 onwards	(1)	PRC5255
lhd	(1)	PRC5255
Relay - sunroof	(1)	PRC6733

Electric Door Mirrors

Door mirror - electric;		
up to 1989 (VIN FA)		
with convex glass		
rh	(1)	BTR5202
lh	(1)	BTR5203
with flat glass		
rh	(1)	BTR5205
lh	(1)	STC1303
1990 (VIN GA) onwards - non memory		
with convex glass		
rh	(1)	BTR4822
lh	(1)	BTR4823
with flat glass		
rh	(1)	BTR4820
lh	(1)	BTR5816
1992 (VIN JA) onwards - with memory		
convex glass		
rh	(1)	BTR4815
lh	(1)	BTR4816
flat glass		
rh	(1)	BTR4817
lh	(1)	BTR5817
Mirror glass only - heated (all models);		
convex		
rh	(1)	MTC6538
lh	(1)	MUC1609
flat		
rh	(1)	MUC1606
lh	(1)	MUC1607

Motor assembly - electric mirror	(2)	RTC3263
<i>Non memory only.</i>		
Switch - mirror adjustment;		
up to 1994 (VIN LA)		
	(1)	DRC2481
<i>Steering column or dash mounted.</i>		
1995 (VIN MA) onwards		
non memory	(1)	AMR3458
with memory	(1)	AMR3261
Switch - l/r select - up to 1994	(1)	PRC5751

Electric Seats

Seat motor & cable assembly	(8)	RTC5281
Switch - seat position;		
non memory seats		
rh	(1)	PRC8095
lh	(1)	PRC8096
memory seats (1992 onwards)		
rh	(1)	PRC7154
lh	(1)	PRC7153
Relay - seat position;		
up to 1990 (VIN GA)		
	(2)	YWB10032
1991 (VIN HA) onwards		
	(2)	YWB10027L
ECU - seat control/memory		
<i>1992 onwards.</i>		
new	(2)	PRC9864
recon (exch)	(2)	PRC9864R
Switch - heated seats - 1995 (VIN MA) on;		
rh	(1)	AMR3602
lh	(1)	AMR3601

Central Door Locking

Actuator - central locking;		
front door		
up to 1989 (VIN FA)		
driver's (4 leads)	(1)	PRC4831
passenger's (2 leads)	(1)	PRC3916
1990 (VIN GA) to 1994 (VIN LA)	(2)	PRC8098
<i>5 leads.</i>		
1995 (VIN MA) onwards	(2)	AMR3384
rear door;		
up to 1989 (VIN FA)	(2)	PRC3916
1990 (VIN GA) to 1994 (VIN LA)	(2)	PRC8099
1995 (VIN MA) onwards	(2)	AMR3382
tailgate		
up to 1994 (VIN LA)	(1)	PRC3916
1995 (VIN MA) onwards	(1)	AMR3382
fuel filler flap;		
up to 1990 (VIN GA)	(1)	PRC5085
1991 (VIN HA) onwards	(1)	PRC9681
ECU - central locking (1990 on)	(1)	PRC7921
<i>Under steering column.</i>		
Micro switch - heated front locks;		
rh	(1)	STC382
lh	(1)	STC383



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Switches & Controls

STEERING COLUMN STALKS & SWITCHES

- Ignition lock & switch;
- 1970 to 1985 (1) **NRC3222**
Up to VIN BA147027 (2-dr), BA147005 (4-dr manual) & BA147009 (4-dr auto).
 - 1985 to 1991 (VIN HA) (1) **NRC8279**
 - 1992 (VIN JA) to 1994 (VIN LA)(1) **PRC8907**
(Except Japan).
 - 1995 (VIN MA) onwards (1) **STC1435**
(Except Japan).
- Shear bolt - ignition lock;
- 1970 to 1986 (2) **51K4001**
 - 1987 onwards (2) **NTC4610**
- Ignition switch only;
- 1970 to 1985 (1) **579254**
Up to VIN BA147027 (2-dr), BA147005 (4-dr manual) & BA147009 (4-dr auto).
 - 1985 to 1991 (VIN HA) (1) **PRC3408**
 - 1992 (VIN JA) onwards (1) **STC932**
- Indicator, horn & dip stalk - 1970 to 1986;
rh side of column
- 1970 to VIN suffix A
 - rhd (1) **589884**
 - lhd (1) **PRC2956**
 - VIN suffix B up to VIN 111958 (1981)
 - rhd (1) **589884**
 - lhd (1) **589885**
- lh side of column
2-dr VIN 111959 (1981) onwards, 4-dr 1981 onwards.
- up to 1984 (VIN AA) (1) **PRC2956**
 - 1985 (VIN BA) to 1986 (VIN CA)(1) **PRC4606**
- Indicator, horn, dip & hazard stalk - 1987 on;
Left hand side of steering column.
- 1987 (VIN DA) to 1994 (VIN LA)(1) **PRC5072**
 - 1995 (VIN MA) onwards (1) **STC1791**
Includes headlamp switch but not horn.
- Wash/wipe stalk;
- lh side of column - 1970 to 1981
 - 1970 to VIN suffix A
 - rhd (1) **579496**
 - lhd (1) **579497**
 - VIN suffix B up to VIN 111958 (1981)
 - rhd (1) **589886**
 - lhd (1) **589887**
- rh side of column - 1981 onwards
2-dr VIN 111959 on, 4-dr 1981 onwards.
- up to 1984 (VIN AA) (1) **PRC3021**
 - 1985 (VIN BA) to 1986 (VIN CA)(1) **PRC4608**
 - 1987 (VIN DA) to 1988 (VIN EA)(1) **PRC5073**
 - 1989 (VIN FA) to 1994 (VIN LA)(1) **PRC8724**
 - 1995 (VIN MA) onwards (1) **STC4016**
- Head/side lamp stalk - 1970 to 1986;
rh side of column (1) **575257**
1970 to VIN 111958.
- lh side of column
- VIN 111959 to 1984 (VIN AA)(1) **PRC2957**
 - 1985 (VIN BA) to 1986 (CA) (1) **PRC4607**
- Head/side lamp switch - 1987 onwards;
- 1987 (VIN DA) to 1994 (VIN LA)(1) **PRC5425**
 - 1995 (VIN MA) onwards See indicator
- Auxiliary lamp stalk - to VIN 100782(1)**90575258**
Left hand side of column.
- Fog lamp switch;
- lh side of column (1) **PRC2629**
VIN 100783 to VIN 111958.
 - rh side of column (1) **PRC2958**
2-dr VIN 111959 on, 4-dr 1981 onwards.
- Rear wash/wipe stalk (1) **PRC4609**
1985 (VIN BA) to 1986 (VIN CA).
- Rear wash/wipe switch - 1987 onwards;
- 1987 (VIN DA) to 1988 (VIN EA)(1) **PRC6284**
 - 1989 (VIN FA) to 1992 (VIN JA)(1) **PRC6881**
 - 1993 (VIN KA) to 1994 (VIN LA)(1) **PRC9956**
- Interior lamp - lh side of column (1) **575253**
Up to VIN 111958 (1981).

DASH PANEL SWITCHES

- Hazard warning switch - early (1) **90575281**
Pull/push type.
- Knob - early hazard warning switch(1) **606286**
- Dash Panel switches - up/down type (up to 1985);
- hazard warning (1) **PRC4156**
 - interior light (1) **PRC4158**
 - rear fog (1) **PRC3984**
 - heated rear window (1) **PRC4155**
- Dash Panel switches - push type (1986 onwards);
- interior lights
 - up to 1986 (VIN CA) (1) **AFU4207L**
 - 1987 (VIN DA) to 1994 (VIN LA)(1) **ATU1020L**
 - 1995 (VIN MA) onwards (1) **AMR3600**
 - heated rear window
 - up to 1986 (VIN CA) (1) **AFU2719L**
 - 1987 (VIN DA) to 1994 (VIN LA)(1) **ATU1021L**
 - 1995 (VIN MA) onwards (1) **AMR3604**
 - rear fog lamp
 - up to 1986 (VIN CA) (1) **AFU2720L**
 - 1987 (VIN DA) to 1994 (VIN LA)(1) **ATU1022L**
 - 1995 (VIN MA) onwards (1) **AMR3598**
 - hazard warning - up to 1986 (1) **AFU4209L**
 - auxiliary lamps
 - up to 1986 (VIN CA) (1) **AFU4208L**
 - 1987 (VIN DA) to 1994 (VIN LA)(1) **ATU1027L**
 - 1995 (VIN MA) onwards (1) **AMR3597**
Driving lamps.
 - blanking plug
 - up to 1994 (VIN LA) (1) **AFU2819L**
 - 1995 (VIN MA) onwards (1) **AMR3605**
 - heated front screen
 - up to 1994 (VIN LA) (1) **PRC6797**
 - 1995 (VIN MA) onwards (1) **AMR3603**
 - cruise control
 - up to 1994 (VIN LA) (1) **ATU1023L**
 - 1995 (VIN MA) onwards (1) **AMR3599**
- Dash Panel switches - additional - 1993 onwards;
- heated seats
 - up to VIN KA640177 (1993) (2) **PRC8539**
 - VIN KA640178 onwards (2) **AMR3293**
 - hazard warning (1) **YUG10067L**
 - air suspension
 - up to 1994 (VIN LA)
 - raise (1) **AMR3290**
 - lower (1) **AMR3292**
 - inhibit (1) **AMR3291**
 - 1995 (VIN MA) onwards
 - raise (1) **AMR1777**
 - lower (1) **AMR1778**
 - inhibit (1) **AMR1776**
- headlamp level (1) **BTR9340LNF**
- fuel flap release (1) **AMR3747**
 - rear wash (1) **AMR3745**
 - rear wipe (1) **AMR3746**
- Panel dimmer switch;
- 1985 (VIN BA) onwards (1) **AMR3024**

*Window switches - see 'Electric Windows'.
Sunroof switches - see 'Electric Sunroof'.
Door mirror switches - see 'Electric Door Mirrors'.
Interior light switches - see 'Interior Lamps'.*



Cigar Lighter & Clock

- Cigar lighter assembly;
- 1970 to 1984 (1) **565850**
 - 1985 (VIN BA) onwards (1) **PRC9410**
- Bulb - cigar lighter;
- up to 1984 (1) **537025**
 - 1985 onwards (1) **RTC3635**
- Clock;
- round type - early (up to 1984)(1) **PRC2108**
 - oblong type - 1985 to 1994 (1) **PRC4370**
 - 1995 (VIN MA) onwards (1) **STC1802**
- Bulb - clock illumination;
- up to 1994 (1) **503352**
 - 1995 onwards (1) **STC1984**

Cruise Control

Note: SRS refers to Supplementary Restraint System (air bags), fitted from 1995 (VIN MA) only.

- Control unit - cruise control;
- up to 1992 (VIN JA) (1) **PRC5060**
 - 1993 (VIN KA) to 1994 (VIN LA)(1) **AMR2524**
- Vacuum unit - all models (1) **PRC6260**
- Rotary coupler - steering wheel;
- up to 1994 (VIN LA) (1) **PRC8746**
 - 1995 (VIN MA) onwards
 - vehicles without SRS (1) **YRC100360**
 - vehicles with SRS (1) **AMR3647**
- Switch - cruise control;
- steering wheel switch; accelerator/set
 - vehicles without SRS (1) **PRC5797**
 - vehicles with SRS (1) **AMR3361**
 - reset/cancel (1) **PRC6590**
 - pedal switch
 - up to 1994 (VIN LA) (1) **PRC6259**
 - 1995 (VIN MA) onwards (1) **ERR2622**

HELP US TO HELP YOU

If you are not sure which part/part number you require, to help ensure you receive the correct component, wherever possible please quote:

MODEL, YEAR, CHASSIS AND/OR ENGINE NUMBER PLUS ANY COMPONENT INFORMATION.

DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.
Horns								
Horn;			lh footwell			Low oil unit	(1)	PRC5434
high note			heater - air con	(1)	YWB10027L	Control unit - air con fans)	(1)	AMR3076
up to 1994 (VIN LA)	(1)	YEB10026	fan - air con	(1)	YWB10027L	Diode pack - heater	(1)	PRC7872
1995 (VIN MA) onwards	(1)	AMR3337	clutch - air con	(1)	YWB10027L	Control unit - one touch window	(1)	PRC6859
low note			heater/air con	(1)	YWB10032L	Flasher unit;		
up to 1994 (VIN LA)	(1)	YEB10027	air con diode	(1)	PRC7872	indicators		
1995 (VIN MA) onwards	(1)	AMR3338	cubby box			1970 to VIN 100782 (1979)	(1)	RTC3562
Air horns (pair)	(1)	RX1381	window lift			VIN 100783 (1979) to 1986	(1)	STC195
<i>Including fittings.</i>			to end of 1992	(2)	YWB10027L	1987 (VIN DA) to 1989 (FA)	(1)	PRC5082
Relays			1993 (VIN KA)	(1)	PRC9949	1992 (VIN GA) onwards	(1)	PRC8876
Main relays - 1970 to 1985;			heated seats	(2)	YWB10027L	hazard warning	(1)	RTC3244
starter	(1)	YWB10032L	speed trip - manual	(1)	YWB10032L	Voltage stabiliser - instruments;		
vacuum loss - up to VIN 100782	(1)	1377471	Main relays - 1995 (VIN MA) onwards;			1970 to 1984 (VIN AA)	(1)	BMK1539
brake check - VIN 100783 on	(1)	YWB10032L	rh footwell			1985 (VIN BA) to 1989 (VIN FA)	(1)	PRC7209
heated rear window	(1)	YWB10032L	fan timer	(1)	AMR3076	Delay unit;		
rear wiper	(1)	YWB10032L	efi	(2)	AFU2913L	rear wipe delay		
power wash	(1)	ADU1784	air con	(2)	YWB10027L	up to 1988 (VIN EA)	(1)	PRC4459
split charge	(1)	ASU1151	starter	(1)	YWB10027L	1989 (VIN FA) onwards	(1)	PRC9957
air conditioning			ignition	(1)	YWB10032L	interior lamp delay		
green	(1)	YWB10032L	front wipers	(1)	YWB10032L	up to 1990 (VIN GA)	(1)	PRC2832
yellow	(1)	YWB10027L	lh footwell			1991 (VIN HA) onwards	(1)	DCP8989
Main relays - 1986 to 1991 (VIN HA);			horn	(1)	YWB10027L	Timer - glow plug (diesel);		
starter	(1)	YWB10032L	auxiliary key position	(1)	YWB10027L	up to 1989 (VIN FA)	(1)	PRC5020
ignition load	(1)	YWB10032L	rear wiper	(1)	YWB10032L	1990 (VIN GA) to 1994 (VIN LA)	(1)	PRC7862
brake check	(1)	YWB10032L	alarm sound	(1)	YWB10027L	1995 (VIN MA) onwards	(1)	PRC6913
heated rear window	(1)	YWB10032L	hazard warning	(1)	AMR1088	Timer - heated front screen	(1)	PRC6796
sunroof	(1)	PRC6733	rh seat			Fuses		
voltage sensitive switch	(1)	PRC4427	heated seat	(1)	YWB10027L	Fuse - glass type (pack of 5);		
air con & fuel shut off	(5)	YWB10032L	power seat	(1)	YWB10027L	3 amp	(1)	GFS3003
power wash	(1)	ADU1784	disable - air suspension	(1)	AMR2169	5 amp	(1)	GFS3005
split charge	(1)	ASU1151	delay - air suspension	(1)	AMR1111	10 amp	(1)	GFS3010
front & rear screen wash	(2)	PRC5121	compressor - air susp	(1)	YWB10027L	15 amp	(1)	GFS3015
<i>Up to 1988 (VIN EA)</i>			warning - air susp	(1)	YWB10032L	20 amp	(1)	GFS3020
front wash wipe - programmed	(1)	AMR3241	lh seat			25 amp	(1)	GFS3025
<i>1989 (VIN FA) onwards.</i>			heated seat	(1)	YWB10027L	35 amp	(1)	GFS3035
electric windows	(2)	YWB10032L	power seat	(1)	YWB10027L	50 amp	(1)	GFS3050
cruise control	(1)	YWB10032L	passenger footwell - hinged bracket			Fuse - plastic blade type (pack of 5);		
heated front screen	(1)	PRC7303	bulb check	(1)	YWB10027L	3 amp	(1)	GFS3103
heated fuel filter	(1)	PRC6791	fans - air con	(1)	YWB10027L	5 amp	(1)	GFS3105
Main relays - 1992 (VIN JA) to 1994 (VIN LA);			cruise control	(1)	YWB10032L	7.5 amp	(1)	GFS3107
steering column			heated front screen	(1)	PRC7303	10 amp	(1)	GFS3110
starter	(1)	YWB10027L	auxiliary lamps	(1)	YWB10027L	15 amp	(1)	GFS3115
heated rear screen	(1)	YWB10027L	power wash	(1)	YWB10027L	20 amp	(1)	GFS3120
headlamps	(1)	YWB10027L	dim dip	(1)	YWB10027L	25 amp	(1)	GFS3125
ignition load	(1)	YWB10032L	sunroof	(1)	YWB10027L	30 amp	(1)	GFS3130
rear wiper unit			Efi relays;			Fuse extractor - blade type	(1)	PRC4412
to end of 1992 (VIN JA)	(1)	PRC7404	3.5 litre			Fusible link - 1995 onwards;		
1993 (VIN KA) onwards	(1)	PRC9957	diode pack	(1)	DAC1861	100A (blue)	(1)	STC1757
front wiper unit	(1)	AMR2341	fuel pump	(1)	AGU1068	60A (yellow)	(1)	STC1758
heated front screen	(1)	PRC7303	3.9 litre	(2)	AFU2913L	30A (pink)	(1)	STC1759
courtesy lamps	(1)	PRC9948	ABS relays;					
voltage switch	(1)	PRC4427	warning lamp	(1)	PRC8531			
flasher unit	(1)	PRC8876	valve relay	(1)	PRC9603			
seat crossmember			pump relay	(1)	PRC9603			
fan timer	(1)	AMR3076						
efi	(2)	AFU2913L						
driver's/passenger's seat	(2)	YWB10032L						
seat crossmember - additional - 1993 on								
<i>Air suspension.</i>								
delayed turn off	(1)	AMR1111						
compressor	(1)	YWB10027L						
warning - air suspension	(1)	YWB10032L						
rh footwell - upper								
speed buffer	(1)	PRC8882						
diesel	(1)	YWB10027L						
sunroof	(1)	YWB10027L						
brake check	(1)	YWB10027L						
auxiliary lamps	(1)	YWB10027L						
rear wiper (1993 on)	(1)	YWB10027L						
rh footwell - lower								
cruise control	(1)	YWB10032L						
load shed	(1)	YWB10027L						
timer - heated front screen	(1)	PRC6796						





Outer Panels

The panels listed below cover 2 door & factory 4 door vehicles only. 4 door conversions, such as the Monteverdi, are not covered. Panels for factory long wheelbase (108") vehicles are the same as 4 door panels from the same year unless otherwise stated.

If you require any item of bodywork not listed in the following sections, please contact our sales department for price & availability.

Headlamp surround panel;					
1970 to 1986 (VIN CA)					
rh	(1)	MUC6308			
lh	(1)	MUC6309			
Lower valance;					
1970 to 1985	(1)	390167			
1986 to 1988 (VIN EA)	(1)	MTC5866			
1989 (VIN FA) onwards	(1)	MXC1959			
Front spoiler;					
4 cooling-slot type	(1)	MWC6940			
<i>Fitted up to 1989.</i>					
6 cooling-slot type	(1)	MXC6828			
<i>Fitted from 1990 to 1991.</i>					
1992 to 1994 (VIN LA)	(1)	MXC6829			
1995 (VIN MA) onwards	(1)	BTR7929			
Under tray;					
vehicles without body kit	(1)	BTR3510			
vehicles with body kit	(1)	BTR5948			
Front wing;					
2 door					
<i>Exposed hinges.</i>					
rh	(1)	STC729			
lh	(1)	STC730			
4 door					
<i>Concealed hinges.</i>					
1970 to 1988 (VIN EA)					
rh	(1)	STC729			
lh	(1)	STC730			
1989 (VIN FA) onwards					
rh	(1)	MXC1408			
lh	(1)	MXC1409			
Retainer strip - front wing - 2 & 4 door;					
long					
rh	(1)	390123			
lh	(1)	390124			
short - front					
rh	(1)	391139			
lh	(1)	391140			
short - rear	(2)	391317			
Deck panel - front (base of windscreen);					
rhd - 2 & 4 door	(1)	MXC9595			
lhd					
up to VIN FA374641 (1989)	(1)	ALR2215			
VIN FA374642 onwards	(1)	ALR2211			
Bonnet;					
1970 to 1988 (VIN EA)	(1)	STC1655			
1989 (VIN FA) onwards	(1)	STC1653			

Slam panel - front	(1)	ALR4195			
Rear wing;					
2 door					
1970 to 1985 (VIN BA)					
rh	(1)	390371			
lh	(1)	390372			
1986 (VIN CA) to 1990 (VIN GA)					
rh	(1)	RTC6198			
lh	(1)	390372			
1991 (VIN HA) onwards					
rh	(1)	ALR1592			
lh	(1)	390372			
4 door					
up to 1986 (VIN CA)					
rh	(1)	MTC5538			
lh	(1)	STC1395			
1987 (VIN DA) to 1990 (VIN GA)					
rh	(1)	RTC6199			
lh	(1)	STC1395			
1991 (VIN HA) onwards					
rh	(1)	STC1394			
lh	(1)	STC1395			

Corner panel - rear;					
<i>Lamp panel.</i>					
1970 to 1985 (VIN BA)					
rh	(1)	RTC6172			
lh	(1)	RTC6295			
1986 (VIN CA) onwards					
rh	(1)	RTC6203			
lh	(1)	RTC6204			
Rear quarter panel - outer;					
<i>D' pillar.</i>					
1970 to 1991 (VIN HA)					
rh	(1)	STC100			
lh	(1)	STC101			
1992 (VIN JA) onwards					
rh	(1)	AWR1368			
lh	(1)	AWR1369			
Bolt plate - rear quarter panel	(2)	390055			
Fuel filler panel;					
1970 to 1990 (VIN GA)	(1)	393030			
1991 (VIN HA) onwards	(1)	MXC9623			
Flap - fuel filler;					
1987 (VIN DA) to 1990 (VIN GA)	(1)	MWC1955			
1991 (VIN HA) onwards	(1)	ALR1703			
Roof panel;					
2 & 4 door (except lwb)					
non sunroof	(1)	MWC5484			
with sunroof aperture					
up to 1990 (VIN GA)	(1)	STC1887			
1991 (VIN HA) onwards	(1)	ALR4848			
lwb (108") models	(1)	ALR4850			
Sunroof panel;					
steel	(1)	MWC6083			
glass	(1)	MXC9573			
Header panel - roof;					
1970 to 1994 (VIN LA)	(1)	MXC8920			
1995 (VIN MA) onwards	(1)	ALR5732			

MORE STOCK EVERY DAY

If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.



Doors & Door Skins

Front door assembly (shell);		
2 door		
1970to 1988 (VIN EA)		
rh	(1)	RTC6183
lh	(1)	RTC6184
1989 (VIN FA) onwards		
rh	(1)	MXC4886
lh	(1)	MXC4887
4 door		
up to 1984		
rh	(1)	MTC9052
lh	(1)	MTC9051
1985 (VIN BA) to 1988 (VIN EA)		
rh	(1)	RTC6293
lh	(1)	RTC6294
1989 (VIN FA) to VIN FA374641		
rh	(1)	STC477
lh	(1)	STC478
VIN FA374642 (1989) onwards		
rh	(1)	ALR5596
lh	(1)	ALR5595
Door skin - front;		
2 door - 1970 onwards		
rh	(1)	RTC6297
lh	(1)	RTC6298
4 door		
1981 to VIN FA374641 (1989)		
rh	(1)	RTC6190
lh	(1)	RTC6189
VIN FA374642 (1989) onwards		
rh	(1)	MXC2064
lh	(1)	MXC2063
Rear door assembly (shell); <i>Not long wheelbase.</i>		
up to 1988 (VIN EA)		
rh	(1)	RTC6196
lh	(1)	RTC6197
1989 (VIN FA) to VIN FA374641		
rh	(1)	MWC6426
lh	(1)	MWC6427
VIN FA374642 (1989) onwards		
rh	(1)	ALR8218
lh	(1)	ALR8217
Rear door - long wheelbase (shell);		
rh	(1)	ALR6556
lh	(1)	ALR6555
Door skin - rear - 1981 onwards; <i>Not long wheelbase.</i>		
rh	(1)	RTC6188
lh	(1)	RTC6187
Door skin - rear - long wheelbase;		
rh	(1)	ALR1878
lh	(1)	ALR1879



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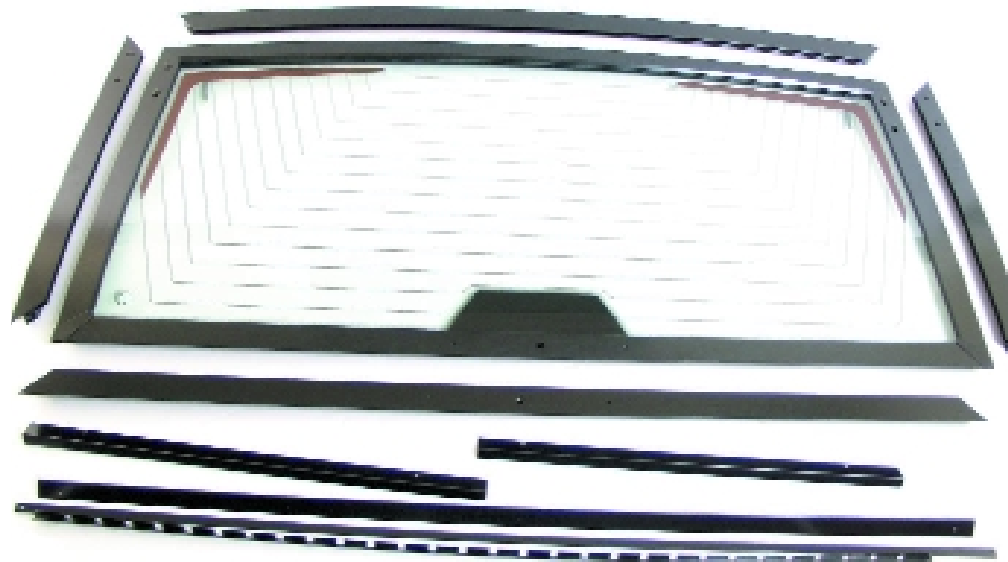
Tailgate

Lower tailgate;		
1970 to 1986 (VIN CA)	(1)	RTC6342
1987 (VIN DA) to 1988 (VIN EA)	(1)	RTC6344
1989 (VIN FA) only	(1)	MXC3153
1990 (VIN GA) onwards	(1)	MXC9489
Repair panel - lower tailgate skin	(1)	RA1210
<i>2-piece repair.</i>		
Upper tailgate assembly (including glass);		
all models - (replacement)	(1)	RA1423A
<i>Aluminium frame, inc glass, assembled.</i>		
non central locking		
1970 to to 1988 (VIN EA)	(1)	MWC2192
1989 (VIN FA) onwards	(1)	MXC2034
with central locking		
up to 1994 (VIN LA)	(1)	ALR4637
1995 (VIN MA) onwards	(1)	ALR6229
with high level stop light		
up to 1994 (VIN LA)	(1)	ALR4852
1995 (VIN MA) onwards	(1)	ALR6230
Upper tailgate - frame only;		
all models - (replacement)	(1)	RA1423F
<i>Aluminium frame (self assembly).</i>		
1970 to 1985 (VIN BA)	(1)	RTC3871
1986 (VIN CA) to 1991 (VIN HA)	(1)	RTC4517

Inner Panels

The panels listed below cover 2 door & factory 4 door vehicles only (ie not 4 door conversions such as the Monteverdi). Panels for factory long wheelbase (108") are the same as 4 door panels from the same year unless listed separately.

Front wheelarch/valance complete; <i>Major assembly.</i>		
2 door		
1970 to 1985 (VIN BA)		
rh	(1)	MUC2520
lh	(1)	RTC5968
1986 (VIN CA) only		
rh	(1)	RTC6319
lh	(1)	RTC5795
1987 (VIN DA) to 1988 (VIN EA)		
rh	(1)	MXC1174
lh	(1)	MXC1175
1989 (VIN FA) to 1991 (VIN HA)		
rh	(1)	MXC9136
lh	(1)	MXC9135
1992 (VIN JA) onwards		
rh	(1)	ALR3490
lh	(1)	ALR3489
4 door		
1970 to 1985 (VIN BA)		
rh	(1)	MUC2520
lh	(1)	RTC5968
1986 (VIN CA) only		
rh	(1)	RTC6319
lh	(1)	RTC5795
1987 (VIN DA) to 1988 (VIN EA)		
rh	(1)	MXC1174
lh	(1)	MXC1175
1989 (VIN FA) to 1991 (VIN HA)		
rh	(1)	MXC9132
lh	(1)	MXC9131
1992 (VIN JA) only		
rh	(1)	STC1926
lh	(1)	MXC9295
1993 (VIN KA) to 1994 (VIN LA)		
rh	(1)	STC1926
lh	(1)	STC1923
1995 (VIN MA) onwards		
rh	(1)	ALR4188
lh	(1)	ALR4187
Headlamp panel only - 2 & 4 door;		
1970 to 1986 (VIN CA)		
rh	(1)	RTC6317
lh	(1)	RTC6318
1987 (VIN DA) onwards		
rh	(1)	ALR3502
lh	(1)	ALR3501
Wheelarch liner - front (1986 onwards);		
rh	(1)	ALR2366
lh	(1)	ALR2367
Front crossmember panel - all models;		
1970 onwards	(1)	MXC5070
Closing panel - front;		
1970 to 1985 (VIN BA)	(1)	391365
1986 (VIN CA) onwards	(1)	MXC1944



UPPER TAILGATE ASSEMBLY (REPLACEMENT TYPE)



DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.
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Inner Panels Con't

SIDE FRAME ASSEMBLY - COMPLETE

Listed below is a full range of repair panels for the side frame. If you require a complete side frame assembly, contact our sales department for price & availability, quoting the chassis number and year of manufacture of your Range Rover.

A post assembly;		
2 door - 1970 onwards		
rh	(1)	MXC9566
lh	(1)	MXC9567
4 door		
up to VIN FA374641 (1989)		
rh	(1)	MXC9566
lh	(1)	MXC9567
VIN FA374642 to VIN GA441003 (1990)		
rh	(1)	MXC6122
lh	(1)	STC1936
VIN GA441004 to 1994 (VIN LA)		
rh	(1)	STC1939
lh	(1)	STC1936
1995 (VIN MA) onwards		
rh	(1)	ALR6996
lh	(1)	ALR6995
Closing panel - A post lower;		
2 door - 1970 onwards		
rh	(1)	MXC7927
lh	(1)	MXC7926
4 door		
up to VIN FA374641 (1989)		
rh	(1)	MXC7927
lh	(1)	MXC7926
VIN FA374642 (1989) onwards		
rh	(1)	MXC8054
lh	(1)	MXC8053
BC post assembly;		
2 door		
1970 to VIN AA114956 (1981)		
rh	(1)	390375
lh	(1)	390376
VIN AA114957 (1981) to August 1982		
rh	(1)	MRC7984
lh	(1)	MRC7985
September 1982 onwards		
rh	(1)	MWC6350
lh	(1)	MWC6351
4 door		
up to June 1983		
rh	(1)	MTC9268
lh	(1)	MTC9267
July 1983 to VIN FA374641 (1989)		
rh	(1)	RTC6307
lh	(1)	STC1516
VIN FA374642 (1989) onwards		
rh	(1)	ALR4458
lh	(1)	ALR4457

D post assembly - 4 door;		
rh	(1)	MXC9544
lh	(1)	MXC9545
Rear quarter panel - inner - 2 & 4 door;		
1970 onwards.		
rh	(1)	ALR4462
lh	(1)	ALR4461
Cantrail (top of door pillars);		
2 door - 1970 onwards		
rh	(1)	MXC9532
lh	(1)	MXC9531
4 door - all models (except lwb)		
rh	(1)	MXC9528
lh	(1)	MXC9527
lwb (108") models		
rh	(1)	ALR1486
lh	(1)	ALR1487
Closing panel - cantrail - 2 & 4 door;		
Including lwb models.		
rh	(1)	MXC8940
lh	(1)	MXC8939
Sill - outer;		
2 door		
1970 to August 1982		
rh	(1)	390381
lh	(1)	390382
September 1982 onwards		
rh	(1)	STC1136
lh	(1)	STC1135
4 door (except lwb)		
up to VIN FA374641 (1989)		
rh	(1)	STC1136
lh	(1)	STC1135
VIN FA374642 (1989) onwards		
rh	(1)	STC1702
lh	(1)	STC1703
lwb (108") models		
rh	(1)	ALR1931
lh	(1)	ALR1946
Sill - inner;		
2 & 4 door (except lwb)		
rh	(2)	ALR3402
lh	(2)	ALR3414
Stiffener angle - sill - 2 & 4 door;		
rh	(1)	390049
lh	(1)	390050
Closing panel - front (sill);		
rh	(1)	390045
lh	(1)	390046
Wheelarch extension - rear (2 door);		
Up to VIN GA441003 (1990)		
1970 to August 1982		
rh	(1)	390017
lh	(1)	390018
September 1982 to 1990		
rh	(1)	MTC5872
lh	(1)	MTC5873

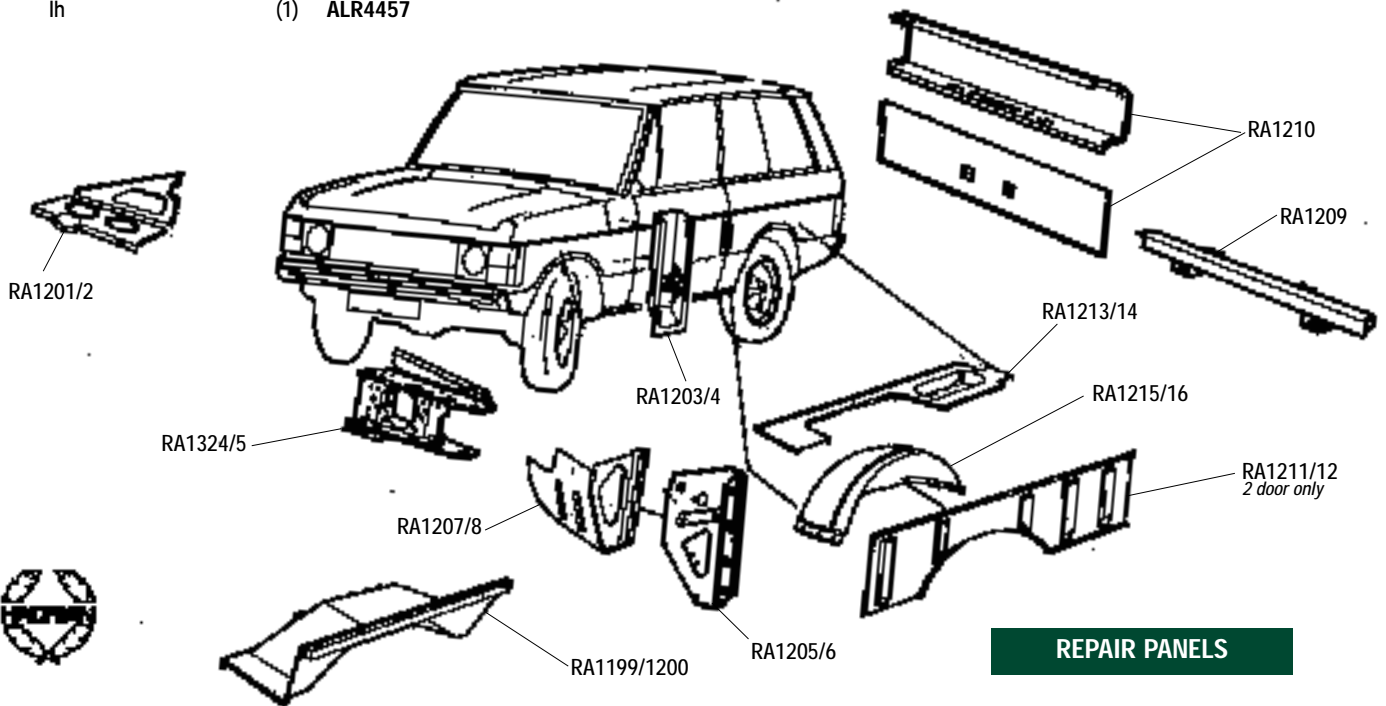


Rear frame/crossmember assembly - 2 & 4 door;		
1970 to 1986 (VIN CA)		
rh	(1)	STC606
1987 (VIN DA) to VIN GA441003(1)		
rh	(1)	MXC7776
VIN GA441004 (1990) to 1991		
rh	(1)	ALR2683
1992 (VIN JA) onwards		
rh	(1)	ALR3185

Repair Panels

The panels listed below cover 2 door & factory 4 door vehicles only (ie not 4 door conversions such as the Monteverdi). Panels for factory long wheelbase (108") are the same as 4 door panels from the same year unless listed separately.

Inner wing repair panel - front;		
rh	(1)	RA1199
lh	(1)	RA1200
Headlamp box complete;		
rh	(1)	RA1324
lh	(1)	RA1325
Battery tray panel;		
rh	(1)	RA1201
lh	(1)	RA1202
A-post lower section;		
rh	(1)	RA1203
lh	(1)	RA1204
A-post to bulkhead repair panel;		
rh	(1)	RA1205
lh	(1)	RA1206
A-post to floor corner repair panel;		
rh	(1)	RA1207
lh	(1)	RA1208
Rear crossmember		
rh	(1)	RA1209
Lower tailgate skin - 2 part		
rh	(1)	RA1210
Rear inner wing - side repair panel;		
2 door only.		
rh	(1)	RA1211
lh	(1)	RA1212
Rear inner wing - floor section;		
rh	(1)	RA1213
lh	(1)	RA1214
Rear inner wheelarch only;		
rh	(1)	RA1215
lh	(1)	RA1216



REPAIR PANELS

Bonnet Fittings

Bonnet release cable;		
1970 up to 1986 (VIN CA)	(1)	391290
1987 to 1994 (VIN LA)	(1)	MWC2287
1995 (VIN MA) onwards	(1)	MXC6324
Bonnet catch;		
rh	(1)	STC924
lh	(1)	STC925
Striker - bonnet catch	(1)	MWC6193
Rear seal - bonnet	(1)	MUC3717
<i>Bonnet to deck panel.</i>		
Bonnet buffer	(2)	391287

Windscreen & Tailgate Glass & Fittings

Windscreen;		
<i>Note: windscreens are available for collection only.</i>		
1970 to 1988 (VIN EA)		
<i>Rear view mirror mounted above windscreen.</i>		
clear	(1)	MRC9506
tinted	(1)	MTC5961
1989 (VIN FA) onwards		
<i>Rear view mirror mounted to windscreen.</i>		
clear	(1)	MXC3343
tinted		
up to 1994 (VIN LA)	(1)	MXC3342
1995 (VIN MA) onwards	(1)	BTR9640
heated/tinted		
up to 1994 (VIN LA)	(1)	MXC5648
1995 (VIN MA) onwards	(1)	BTR9641
Seal - windscreen	(1)	MXC7405
Finisher - windscreen seal;		
top	(1)	391475
sides	(2)	391474
bottom	(1)	391476
Tailgate glass;		
tinted, unheated	(1)	MRC6515
clear, heated	(1)	MRC6524
tinted, heated, aerial type;		
up to 1988 (VIN EA)	(1)	MWC1580
1989 (VIN FA) onwards	(1)	MXC1377
high level stoplamp type	(1)	MXC5791
Seal - tailgate glass	(1)	RTC4264
Tailgate gas strut	(2)	MXC7833
Seal - upper tailgate to lower	(1)	MXC8422
Aperture seal - tailgate;		
1970 to 1992 (VIN JA)		
sides & top	(1)	MTC2398
bottom	(1)	MXC9584
1993 (VIN KA) onwards	(1)	ALR3213
<i>1-piece seal for complete aperture.</i>		

Door Seals

Door seal (aperture surround);		
2 door		
1970 to August 1982		
rh	(1)	390320
lh	(1)	390321
September 1982 to 1988 (VIN EA)		
rh	(1)	MXC1466
lh	(1)	MXC1467
1989 (VIN FA) onwards		
rh	(1)	ALR1614
lh	(1)	ALR1615
4 door - front		
1981 up to 1986 (VIN CA)		
rh	(1)	MUC3701
lh	(1)	MUC3702
1987 (VIN DA) to 1988 (VIN EA)		
rh	(1)	MXC1468
lh	(1)	MXC1469
1989 (VIN FA) onwards		
rh	(1)	ALR1062
lh	(1)	ALR1063
4 door - rear		
1981 up to 1986 (VIN CA)	(2)	MUC3735
1987 (VIN DA) to 1988 (VIN EA)		
rh	(1)	MXC1470
lh	(1)	MXC1471
1989 (VIN FA) onwards		
rh	(1)	ALR1064
lh	(1)	ALR1065
Waist seal - door top;		
2 door		
1970 to 1988 (VIN EA)		
rh	(1)	392624
lh	(1)	392625
1989 (VIN FA) onwards		
rh	(1)	MXC5355
lh	(1)	MXC5356
4 door		
front		
rh	(1)	MXC8014
lh	(1)	MXC8015
rear - standard (100") wheelbase		
rh	(1)	MXC8016
lh	(1)	MXC8017
rear - lwb (108") models		
rh	(1)	ALR4463
lh	(1)	ALR4464
Clip - waist seal;		
2 door - 1970 to 1988 (VIN EA)	(28)	393116
4 door		
front	(24)	393116
rear	(20)	393116
Seal - rear door to wheelarch		
early vehicles with rivetted door flange		
rh	(1)	MTC9276
lh	(1)	MTC9275
all other vehicles up to VIN FA374641 (1989)		
rh	(1)	MTC7580
lh	(1)	MTC7579
VIN FA374642 (1989) onwards	(2)	ALR2371

Door Glass & Fittings

Door glass;		
2 door		
1970 up to 1988 (VIN EA) - Sundym		
rh	(1)	MTC5942
lh	(1)	MTC5943
1989 (VIN FA) onwards		
rh	(1)	MWC8430
lh	(1)	MWC8431
4 door - front		
1981 up to 1988 (VIN EA) - 5mm glass		
rh	(1)	MTC9792
lh	(1)	MTC9793
1989 (VIN FA) onwards - 4mm glass		
rh	(1)	MWC8436
lh	(1)	MWC8437
4 door - rear (opening window)		
1981 up to 1988 (VIN EA) - 5mm thick		
rh	(1)	MTC5954
lh	(1)	MTC5953
1989 (VIN FA) onwards - 4mm thick		
<i>Standard 100" wheelbase models.</i>		
rh	(1)	MWC8438
lh	(1)	MWC8439
lwb (108") models only		
rh	(1)	ALR4454
lh	(1)	ALR4453
Glass lift channel		
2 door		
1970 to 1988 (VIN EA)	(2)	390681
1989 (VIN FA) to 1991 (VIN HA)		
rh	(1)	MUC1218
lh	(1)	MUC1219
1992 (VIN JA) onwards	(2)	ALR6540
4 door - front	(2)	MUC2322
4 door - rear		
up to VIN MA649145 (1995)		
rh	(1)	MUC1218
lh	(1)	MUC1219
VIN MA649146 onwards	(2)	ALR6540
Channel rubber - door glass;		
2 door		
up to 1988 (VIN EA)		
top	(2)	390722
side	(4)	390721
bottom	(2)	MUC2325
1989 (VIN FA) onwards		
top & sides	(2)	MXC1949
bottom	(2)	ALR6541
4 door - front		
top & sides		
5mm glass (up to 1988)	(2)	MUC1744
4mm glass (1989 onwards)	(2)	MWC9602
bottom	(2)	MUC2325
4 door - rear		
top & sides (4 & 5 mm glass)		
standard (100") wheelbase	(2)	MWC9603
lwb (108") models	(2)	ALR1512
bottom (all models)	(2)	ALR6541
Quarterlight glass;		
2 door		
1970 up to 1988 (opening)		
rh	(1)	MTC5940
lh	(1)	MTC5941
1989 onwards (fixed)		
rh	(1)	MWC6328
lh	(1)	MWC6329
4 door - rear		
standard (100") wheelbase		
rh	(1)	MTC5956
lh	(1)	MTC5955
lwb (108") models		
rh	(1)	ALR1508
lh	(1)	ALR1509
Glazing rubber - quarterlight;		
2 door		
1970 up to 1988 (opening)		
rh	(1)	MTC7640
lh	(1)	MTC7639
1989 onwards (fixed)	(2)	MWC6305
4 door - rear		
standard (100") wheelbase		
rh	(2)	MTC9131
lwb (108") models	(2)	ALR1510





Front Grille

Front grille;

non-efi - 1970 to 1986 (VIN CA)(1) **MUC8485**
Aluminium with vertical slats.

efi - 1987 (VIN DA) onwards (1) **BTR451**
Plastic with horizontal slats.
Can be fitted to earlier vehicles.



BTR1047

TAILGATE BADGES



AWR2617

Badges & Transfers

Grille badge - 'LAND ROVER' (1) **BTR8068**
Oval - fitted from October 1988.

Tailgate badge;
Adhesive-backed badge.

'Classic' (1) **AWR2617**

'LAND ROVER' (1) **BTR1047**

'RANGE ROVER' motif - bonnet & tailgate;

1970 to August 1979

Individual letters attached through bonnet.

'R' (3) **392603**

'A' (1) **392604**

'N' (1) **392605**

'G' (1) **392606**

'E' (2) **392607**

'O' (1) **392608**

'V' (1) **392609**

Fastener - letters (44) **359526**

Up to August 1979.

September 1979 to 1992 (VIN JA)

Self-adhesive tape.

2 door (bonnet & tailgate) (2) **RTC6466**

brown (bonnet & tailgate) (2) **RTC6463**

dark green (bonnet & tailgate)(2) **RTC6464**

silver (bonnet & tailgate) (2) **RTC6465**

nimbus grey

bonnet (1) **MUC2955LMP**

tailgate (1) **MUC2956LMP**

1993 (VIN KA) up to VIN KA624756

dark grey

bonnet (1) **BTR5653LVC**

tailgate (1) **BTR5652LVC**

mid silver

bonnet (1) **BTR5653MUK**

tailgate (1) **BTR5652MUK**

VIN KA624756 (1993) onwards

black

bonnet (1) **BTR7033PME**

tailgate (1) **BTR7032PME**

silver

bonnet (1) **BTR7033MUL**

tailgate (1) **BTR7032MUL**

VIN LA646294 (1994) onwards

sorrel brown

bonnet (1) **BTR8571SUA**

tailgate (1) **BTR8570SUA**



EFI FRONT GRILLE BTR451

SEE 'ACCESSORIES' FOR TWIN SPOTLIGHT GRILLE CONVERSION.

GRILLE BADGE
BTR8068



Tailgate logo - 1986 onwards;

'TURBO D'

up to 1991 (VIN HA)

brown (1) **MUC8579AC**

silver (1) **MUC8579LMP**

grey (1) **MUC8579MF**

1992 (VIN JA) only

silver (1) **BTR3256MCF**

nimbus grey (1) **BTR3256LMP**

'Tdi' (1993 onwards)

dark grey (1) **BTR5654LVC**

mid silver (1) **BTR5654MUK**

black (1) **BTR7034PME**

'INJECTION' (Germany)

black (1) **RTC4930**

silver (1) **RTC4931**

'VOGUE SE'

up to 1991 (VIN HA)

silver (1) **MXC4658MCF**

grey (1) **MXC4658LMP**

1992 (VIN JA) only

silver (1) **BTR3257MCF**

nimbus grey (1) **BTR3257LMP**

1993 (VIN KA) to VIN KA640177

dark grey (1) **BTR5655LVC**

mid silver (1) **BTR5655MUK**

VIN KA640178 (1993) onwards

silver (1) **BTR7035MUL**

sorrel brown (1) **BTR7035SUA**

black (1) **BTR7035PME**

Tailgate logo - 1986 onwards con't;

'VOGUE SE Catalyst'

silver (1) **BTR944MCF**

grey (1) **BTR944LMP**

'Catalyst'

up to 1991 (VIN HA)

silver (1) **BTR945MCF**

grey (1) **BTR945LMP**

1992 (VIN JA) only

silver (1) **MXC8938MCF**

nimbus grey (1) **MXC8938LMP**

1993 onwards

dark grey (1) **MXC8938LVC**

mid silver (1) **MXC8938MUK**

'Vogue SEi' (1993 onwards)

dark grey (1) **BTR5657LVC**

mid silver (up to 1993) (1) **BTR5657MUK**

black (1) **BTR7037PME**

silver (1993 on) (1) **BTR7037MUL**

'Vogue LSE' (1993 onwards)

dark grey (1) **BTR5659LVC**

mid silver (up to 1993) (1) **BTR5659MUK**

black (1) **BTR7039PME**

silver (1993 on) (1) **BTR7039MUL**

'Vogue LSEi' (Germany 1993 onwards)

dark grey (1) **BTR5658LVC**

mid silver (up to 1993) (1) **BTR5658MUK**

black (1) **BTR7038PME**

silver (1993 on) (1) **BTR7038MUL**

Tailgate badge;

'V8' (Japan) (3) **BRC6484**

'Land Rover' (1) **BTR1047**

'4.2' (Gulf) (1) **BTR9692PME**

'Classic' (1) **AWR2617**

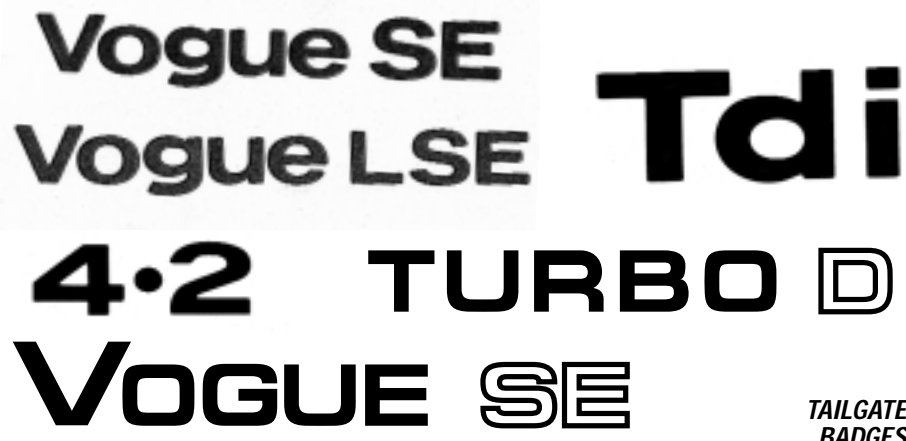
'Rimmer Bros' (1) **RA1055**

Nameplate - side of bonnet

Range Rover logo. (2) **RTC4737**



BRC6484



TAILGATE BADGES



Transfers

Transfer set (see photo);
Contains 2 transfers. Not original Range Rover fitment.

'3.5 LITRE'	
black	(1) RB7263B
gold	(1) RB7263G
silver	(1) RB7263S
'3.9 LITRE'	
black	(1)RB7498 3.9B
gold	(1)RB7498 3.9G
silver	(1)RB7498 3.9S
red	(1)RB7498 3.9R
'4.6 LITRE'	
black	(1)RB7498 4.6B
gold	(1)RB7498 4.6G
silver	(1)RB7498 4.6S
'V8'	
black	(1) RB7306B
gold	(1) RB7306G
silver	(1) RB7306S

Rubbing Strips & Side Stripes

Rubbing strip - 2 door;
Individual strips. Kits available - see below.

front wing	
rh	(1) MUC3484
lh	(1) MUC3485
door	(2) BTR1033
body side	
rh	(1) BTR1032
lh	(1) BTR1031
rear wing	
rh	(1) MUC3490
lh	(1) MUC3491

Rubbing strip - 4 door - vehicles without bodykit;
Individual strips. Kits available - see below.

up to VIN FA374641 (1989)	
front wing	
rh	(1) MUC3484
lh	(1) MUC3485
front door	(2) MUC3486
rear door	
rh	(1) MUC3488
lh	(1) MUC3489
rear wing	
rh	(1) MUC3490
lh	(1) MUC3491
VIN FA374642 (1989) onwards	
front wing	
rh	(1) MWC8692
lh	(1) MWC8693
front door	(2) MWC8688
rear door - standard (100") wheelbase	
rh	(1) MUC3488
lh	(1) MUC3489
rear door - LSE (108") wheelbase	
rh	(1) BTR2003
lh	(1) BTR2004
rear wing	
rh	(1) MUC3490
lh	(1) MUC3491



CSK only	
door	(2) BTR1033
body side	
rh	(1) BTR1032
lh	(1) BTR1031
Rubbing strip - 4 door - vehicles with bodykit; Vehicles fitted with Land Rover bodykit. Individual strips.	
front wing	
rh	(1) BTR9374
lh	(1) BTR9375
front door	(2) BTR9378
rear door	
standard (100") wheelbase	
rh	(1) BTR9370
lh	(1) BTR9371
LSE (108" wheelbase)	
rh	(1) BTR9376
lh	(1) BTR9377
rear wing	
rh	(1) BTR9372
lh	(1) BTR9373
Rubbing strip kit:	
2 door vehicles	(1) RA1217
4 door vehicles (100" w/base only)	
up to VIN FA374641 (1989)	(1) RA1218
VIN FA374642 (1989) on	(1) RA1219
Side stripe;	
silver(up to 1992)	(1) MXC1172MCF
grey (up to 1992)	(1) MXC1172LMP
dark grey (1993 on)	(1) MXC1172LVC
mid silver (1993 to 1994))	(1)MXC1172MUK
black	(1) MXC1172PME
silver (1994 on)	(1)MXC1172MMG

Side Sills

Please contact our sales department for prices & availability of side sills.

Rivet (push-plastic)	(24) 79086
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For side sill fitting.



'BROOKLANDS' TYPE KIT

Body Styling Kits

See 'Accessories page 78 for full details of our range of body styling kits and genuine Land Rover styling components.



'RIMMER BROS' TYPE KIT

Bumpers

Front bumper - centre;	
aluminium finish (early)	(1) RTC3015
black (early)	(1) NRC4766
black - with power wash	(1) NTC4281
chrome - not CSK	(1) NTC7041
CSK only	(1) NTC8540
with crush cans - 1995 (VIN MA) onwards	
black	(1) ANR2033
chrome	(1) ANR2445
crush can covers	
rh	(1)BTR9355PMD
lh	(1)BTR9356PMD
Rear bumper - centre;	
aluminium finish (early)	(1) 575786
black (early)	(1) NRC5401
black - tailgate seal type	(1) NTC3065
Seal not included.	
chrome	(1) NTC7042
Finishing strip/seal retainer	
Fits on forward section of rear bumper centre.	
black	(1) NRC5214
chrome	(1) NTC7263
Seal - rear bumper	(1) NTC7833
Fits under retaining strip.	
Bumper corner - front;	
1970 to 1985 (small type)	
rh	(1) 594862
lh	(1) 594863
1986 onwards (large type)	
rh	(1) RTC5695
lh	(1) RTC5696
Bumper corner - rear;	
1970 to 1985	
silver	
rh	(1) 90575787
lh	(1) 90575788
black	
rh	(1) NRC5456
lh	(1) NRC5457
1986 onwards	
rh	(1) NTC5232
lh	(1) NTC5233



Bumper corner kit (1) RA1220
Includes pair of front & pair of rear corner bumpers, for 1986 onwards vehicles.

Front Spoilers

Front spoiler;	
4 cooling-slot type	(1) MWC6940
Fitted up to 1989.	
6 cooling-slot type	(1) MXC6828
Fitted from 1990 to 1991.	
1992 to 1994 (VIN LA)	(1) MXC6829
1995 (VIN MA) onwards	(1) BTR7929

INTRODUCTION

If you are considering re-trimming the interior of your Range Rover, we have a number of options available - our range of aftermarket trim offers a cost-effective solution to a tired interior.

The easiest way to cure worn out, sagging seats is to replace them with an exchange seat set. Sets comprise front & rear seats, re-trimmed in your choice of fabric or leather (leather seats can be trimmed in any colour, with a choice of piping - please contact our sales department).

In addition, we offer various options designed to improve the comfort of your Range Rover, including matching front & rear headrests, extra headrest pads, map pockets in the rear of the front seats, adjustable front arm rests and inertia reel front seat belts for 2-door models. Electric front seats are available for 1987-on models at an extra cost. We will be happy to quote you a price for any or all of the above options.

Alternatively, if your seats are in good condition but just require a re-trim, we offer re-trim kits. Not loose covers, these are tailor-made replacement covers - in authentic fabrics - to replace your existing covers.

To complement your new seats/seat covers, we offer replacement door trim panels, full carpet sets and replacement headlinings, as well as door pillar trims.

If you would like us to quote price & availability on original Land Rover trim, please contact our Sales Department.



Seat Diaphragm

Diaphragm - front seat;

2 door		
1970 up to 1988 (VIN EA)	(2)	391460
1989 (VIN FA) onwards	(2)	MTC9931
4 door	(2)	MTC9931

Seat Belts

We supply after-market seat belt kits in black only. For original equipment seat belts, including various colour options, please contact our Sales Department for price & availability.

Seat belt - front (each);

2dr models - static belt	(2)	719918
4dr models - inertia reel	(2)	XKC2528

Seat belt - rear;

inertia reel (each)	(2)	R01086
centre lap belt - single	(1)	RS1394



Door Trim Panels

Door trim panel;

2 door vehicles		
upper door trim panel (pair)		
leathercloth	(1)	RA1290
cloth	(1)	RA1291
<i>Beige, brown or grey.</i>		
lower door trim panel (pair)		
leathercloth	(1)	RA1292
cloth	(1)	RA1293
<i>Beige, brown or grey.</i>		
4 door vehicles - set of 4 door trim panels		
up to 1986	(1)	RA1294
1987 up to 1989		
cloth	(1)	RA1295
<i>Beige, brown or grey.</i>		
leather	(1)	RA1296
Rear side trim - 2 door vehicles (pair);		
leathercloth	(1)	RA1297
cloth	(1)	RA1298



Door Pillar Trim

Door pillar trim - set of 4;

2 door vehicles		
leathercloth	(1)	RA1299
cloth	(1)	RA1300
4 door vehicles - up to 1986	(1)	RA1301

Rear 'D'-Post Trim

Rear 'D'-post trim (pair)	(1)	RA1302
<i>2 & 4 door vehicles up to 1986.</i>		

Headlining

Headlining;

2 door vehicles (2-piece)	(1)	RA1303
4 door vehicles		
up to 1986 (2-piece)	(1)	RA1304
1987 onwards (1-piece)	(1)	RA1305

Sunvisors

Sunvisor - 1970 to 1994 (VIN LA);

rhd (vanity mirror in lh visor)		
brown		
rh	(1)	MWC4388AL
lh	(1)	MWC4387AL
grey		
rh	(1)	MWC4388LO
lh	(1)	MWC4387LO
mist grey (1989 on)		
rh	(1)	MWC4388LUM
lh	(1)	MWC4387LUM
lhd (vanity mirror in rh visor)		
brown		
rh	(1)	MWC4386AL
lh	(1)	MWC4389AL
grey		
rh	(1)	MWC4386LO
lh	(1)	MWC4389LO
mist grey (1989 on)		
rh	(1)	MWC4386LUM
lh	(1)	MWC4389LUM
Sun visor - 1995 (VIN MA) onwards (mist grey);		
rhd (vanity mirror in lh visor)		
rh	(1)	BTR9410LUM
lh	(1)	BTR9411LUM
lhd (vanity mirror in rh visor)		
rh	(1)	BTR9408LUM
lh	(1)	BTR9409LUM
Centre retainer - sun visor;		
black	(1)	392954
mist grey	(1)	392954LUM

Seat Sets - Front & Rear - Exchange

A set of front & rear seats, retrimmed to suit your vehicle. Seat sets are sold on an exchange basis.

Seat set - front & rear;

2 door vehicles		
Standard trim	(1)	RA1278
<i>Cloth front with leathercloth sides & back.</i>		
Deluxe trim	(1)	RA1279
<i>Trimmed competely in cloth. Available in beige, brown or grey.</i>		
4 door vehicles		
up to 1986		
cloth trimmed	(1)	RA1280
<i>Beige, brown or grey.</i>		
Connolly leather	(1)	RA1281
<i>Leather seats can be trimmed in any colour, with a choice of piping.</i>		
1987 onwards		
cloth trimmed	(1)	RA1282
<i>Beige, brown or grey.</i>		
Connolly leather	(1)	RA1283
<i>Leather seats can be trimmed in any colour, with a choice of piping.</i>		

Seat Re-Trim Kits

Cover kits for retrimming original seats - not loose covers - including headrests & armrests where applicable.

Seat re-trim kit;

2 door vehicles		
Standard	(1)	RA1284
Deluxe	(1)	RA1285
<i>Beige, brown or grey.</i>		
4 door vehicles		
up to 1986		
Deluxe	(1)	RA1286
<i>Beige, brown or grey.</i>		
Connolly leather	(1)	RA1287
1987 onwards		
cloth	(1)	RA1288
<i>Beige, brown or grey.</i>		
Connolly leather	(1)	RA1289

Carpet Sets

Remanufactured carpet sets listed below include all interior carpets and rear loadspace/spare wheel cover.

Colours available:

Standard Beige, Light Brown & Grey.
Vogue/Wilton Beige, Brown, Grey.
For original carpets, please enquire for price & availability.

Carpet set:

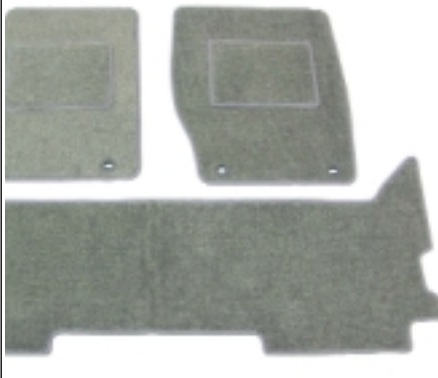
2 door vehicles (15 piece)		
Standard	(1)	RA1306
'Vogue'	(1)	RA1307
4 door vehicles		
up to 1986 (16 piece)		
Standard	(1)	RA1308
'Vogue'	(1)	RA1309
1987 onwards (13 piece)		
'Vogue'	(1)	RA1310
Wilton	(1)	RA1311
Seat base covers - carpet (pair)	(1)	RA1312

2 & 4 door vehicles.



Footwell Mats

See accessories page 84.



Cubby Box

Cubby box - lockable;

For early vehicles - fits between front seats.

up to 1983		
manual	(1)	MTC1760
automatic	(1)	MTC3798
1984 onwards - manual & automatic		
brown	(1)	MUC1780AE
grey	(1)	MUC1780LR

Pedal Rubbers

Pedal rubber;

accelerator		
manual		
up to 1991 (VIN HA)	(1)	592840
1992 (VIN JA) onwards	(1)	11H1781L
automatic	(1)	11H1781L
brake		
manual	(1)	575818
automatic	(1)	ANR2941
clutch	(1)	575818
Footrest rubber	(1)	592840

Gear Lever & Handbrake Gaiters

Rubber gaiter - main gear lever; manual

4 speed	(1)	390783
5 speed		
up to 1985 (VIN BA)	(1)	MTC6929
1986 (VIN CA) to 1994	(1)	MUC6806
1995 (VIN MA) onwards	(1)	AWR3286

auto

3 speed	(1)	MTC5547
4 speed		
3.5 litre	(1)	MUC2489
3.9 litre	(1)	BTR5503

Rubber gaiter - transfer lever - early vehicles;

4 speed manual	(1)	391005
3 speed auto	(1)	MTC5547

Rubber gaiter - handbrake;

4 speed manual	(1)	393136
3 speed auto		
rhd	(1)	MTC3791
lhd	(1)	393136

Gear lever surround - auto;

3 speed	(1)	RTC5282
4 speed		
up to 1994 (VIN LA)	(1)	BTR1955
1995 (VIN MA) onwards	(1)	BTR9924LNF

Label - 3 sp auto selector position(1) RTC5282
Illumination film - 4 sp auto (1) RTC6683
Up to 1994 (VIN LA).

Trim gaiter - gear lever - 1983 onwards;

5 speed manual		
up to 1985 (long gear stick)	(1)	MTC7665
1986 to 1988 (VIN EA)	(1)	MWC8564LCC
1989 (VIN FA) to 1994 (VIN LA)		
vinyl	(1)	MXC2070RUN
leather	(1)	MXC1889RUN
1995 (VIN MA) onwards		
vinyl	(1)	BTR9929LNF
leather	(1)	BTR9529LNF

transfer lever - 5 sp & auto

up to 1985	(1)	MTC7662
1986 to 1988 (VIN EA)		
vinyl	(1)	MUC2478
leather	(1)	MXC1196LCC
1989 (VIN FA) to 1994 (VIN LA)		
vinyl	(1)	MXC2067RUN
leather	(1)	MXC1639RUN
1995 (VIN MA) onwards		
vinyl	(1)	BTR8841LNF
leather	(1)	BTR9528LNF

Trim gaiter - handbrake - 1986 onwards;

up to 1988 (VIN EA)		
vinyl	(1)	MXC1362LCC
leather	(1)	MXC7712RUN
1989 (VIN FA) to 1994 (VIN LA)	(1)	MXC7711RUN
Grip - handbrake lever	(1)	NTC2243

Rear Parcel Shelf

Rear parcel shelf kit;
Re-manufactured from GRP and covered in original materials.

Comprises two side trim panels and centre shelf.
Colours available: Beige, Light Brown & Grey.

2 door vehicles	(1)	RA1313
4 door vehicles	(1)	RA1314

Rear parcel shelf only

Various colours available - refer to price guide.

to 1990 (HA481867)	(1)	MWC5271
1990 to 1991 (KA481868-JA624755)	(1)	MXC5650
1992 to 1994 (KA624756-MA647644)	(1)	BTR5793
1995 on (MA647645 on)	(1)	BTR8097

Door Seals

Please refer to 'Body Fittings'.



Waterproof Seat Covers

See accessories page 84.



RIGID PLASTIC
LOAD SPACE PROTECTOR



STOWABLE
BOOT LINER

Load Space Protector

See accessories page 84.



LOAD SPACE OVER MAT

Load Space Mat

See accessories page 84.



Sound Proofing Kits

See accessories page 84.

'Brooklands' Type Body Styling Kit

We are pleased to be able to offer the availability of this new body kit at a superb price!

It is similar to the 'Brooklands' type kit which was offered as a factory option. Those customers who were disappointed after enquiring for price and availability of a kit similar to that fitted to the LSE on our front cover, shouldn't be now! Manufactured in tough, laminated GRP, it is light and easy to fit (supplied 'direct from the mould' finish and unpainted). It will fit all models, including air bag vehicles, although nudge bars are not compatible.

Different kits are offered to accommodate 2 door, 4 door and LSE (long wheelbase) models including headlamp powerwash if fitted.

Most types of towbar can be fitted although we recommend that this is checked at the pre-fit stage (ie before painting), so that any minor modification can be carried out by the body shop prior to final finishing and fitting.

'Brooklands' type body styling kit

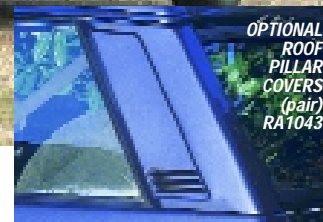
Kits include: front spoiler, rear apron, side sills, bright finisher strips, fitting kit & 'Rimmer Bros' tailgate badge.

All parts have a 'direct from the mould' finish & are unpainted.

Optional fit: rear roof pillar covers - see photo.

Body kit;

2 door	RA1410
4 door models (standard wheelbase)	RA1411
4 door models (long wheelbase LSE)	RA1412



OPTIONAL ROOF PILLAR COVERS (pair)
RA1043



OPTIONAL EQUIPMENT

Rear pillar covers (supplied in pairs) **RA1043**

INDIVIDUAL KIT COMPONENTS

Front spoiler	RA1413
Rear Apron	RA1414
Bright finishing strip (for above)	
front (pair)	RA1407
rear (pair)	RA1408
Side sills (supplied in pairs)	
2 door models	RA1415
4 door models (standard wheelbase)	RA1416
4 door models (long wheelbase LSE)	RA1417
Fitting kit for body kit	RA1409
Supplied with complete kits.	
Tailgate badge - 'Rimmer Bros'	RA1055



'Rimmer Bros' Body Styling Kit

This body kit was introduced by Rimmer Bros in the early 90's and is still popular. Easy to fit and manufactured from durable GRP, it offers excellent value for money.

'Rimmer Bros' body styling kit

Kits include: front spoiler, rear apron, side sills, rear pillar covers, fitting kit & 'Rimmer Bros' tailgate badge. Front grille is optional.

All parts have a 'direct from the mould' finish & are unpainted.

Body kit;

2 door	RA1053
4 door (not lwb models)	RA1052

OPTIONAL EQUIPMENT

Front grille	
2 door (not CSK)	RA1049
4 door	
up to Nov 1986	RA1049
Nov 1986 onwards	RA1050

INDIVIDUAL COMPONENTS

Front spoiler	RA1045
Rear apron	RA1046
Side sills (pair):	
2 door	RA1038
4 door (not lwb models)	RA1048
Rear pillar covers (pair)	RA1043
Fitting kit	RA1054
Tailgate badge - 'Rimmer Bros'	RA1055

Land Rover Body Styling Components

Not shown. Manufactured from OE specification polymer material to ensure durability and flexibility when off-road. First time fit (supplied unpainted).

Note: fitting components not listed - refer to our sales office.

Genuine Land Rover body styling;

front spoiler	
up to Feb '94 (no chrome insert)	STC8416P
from March '94 (with chrome insert)	STC8473P
chrome insert strip - front (each)	BTR9243
side sills	
standard wheelbase	
rh	STC8419P
lh	STC8418P
lwb (108" wheelbase) models	
rh	STC8405P
lh	STC8404P
rear apron	
up to Feb '94 (no chrome insert)	STC8417P
from March '94 (with chrome insert)	STC8474P
chrome insert strip - rear (each)	BTR9242

Nudge Bars

Nudge bar;

Note: not compatible with body styling

non air bag vehicles

wrap around type - black

With removable lamp guards - shown in photo.

RTC9582

straight type - black

With removable lamp guards.

RTC9548

air bag vehicles

wrap around type

With removable lamp guards.

black

stainless steel

straight type - black

With removable lamp guards.

STC8470

STC8471

STC8472



Mudflaps

Mudflap Kit

Includes a pair of mudflaps & fittings

Front

RTC9562

Rear

RA1434

Mudflap only (each)

Front or rear

MXC5587

FRONT LIGHT GUARDS



Light Guards

Front light guards (pr)

STC8026

Rear light guards (pr)

STC8027



REAR LIGHT GUARDS



Centre Grille

Centre Grille Conversion

RA1356

Including Halogen driving lamps, relays & wiring, 1986 models on.

Side Runner Kit

Side Runner Kit

Standard wheelbase

rubber finished - as shown (pr) **RTC9507AB**

stainless steel (tube) (pr) **STC8087AA**

not air susp.

Long wheelbase

rubber finished (pr) **STC7571/2**



Dog Guards

Dog guard - mesh type;

up to Sept '86

Oct '86 onwards

RTC8818

RTC8092

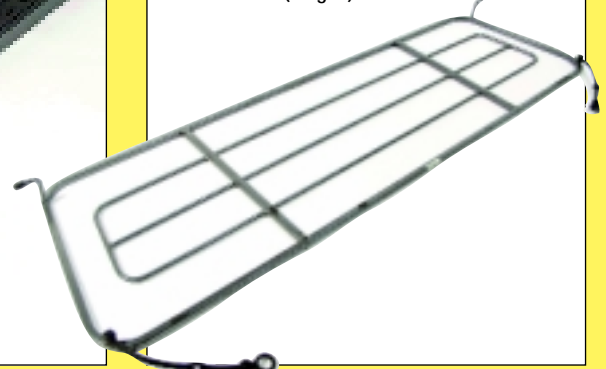
Dog guard - bar type

Oct '86 to Sept '92

Oct '92 on (hinged)

RTC8093

STC8161



Roof Bars

Roof bars (pair) **RTC9475P**
 Also available as original equipment.



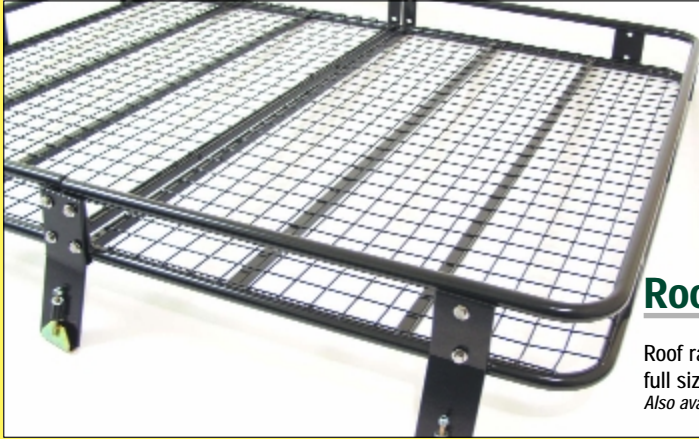
Luggage Top Box

Luggage top box (350 litres) **STC50149AAP**
 Use with roof bars.
 Also available as original equipment.



Roof Rack

Roof rack - full size (2 piece) **RTC9594P**
 Also available as original equipment.



Bike Carrier

Bike carrier - rear mounted **STC8163P**
 Also available as original equipment.

Luggage Rack

Luggage rack **STC50176AAP**
 Also available as original equipment.



Road Wheels & Tyres

See pages 53-55.

Suspension Packs

Refer to 'Suspension' page 51 & 52 for details on various suspension packages, bush kits (including poly bush) etc.



Aeroquip Brake Hoses

Aeroquip brake hoses - car set
Replace those rubber flexible hoses with these stainless steel braided hoses for firmer brake pedal pressure.

- | | |
|--------------------------------------|---------------|
| 1970-1984 (5 hoses) | RA1378 |
| 1984-1991 (to HA) non ABS (5 hoses) | RA1379 |
| 1984-1991 (to HA) ABS (6 hoses) | RA1380 |
| 1992 (JA) onwards, non ABS (5 hoses) | RA1381 |
| 1992 (JA) onwards, ABS (6 hoses) | RA1382 |



Lumenition Kits - V8

Lumenition kit RB7270
Includes all parts and instructions necessary to convert Lucas 35D8 points type distributors to breaker less electronic ignition. Benefits include better starting/reliability, reduced maintenance and improved performance/ mpg. (Distributor can also be converted back if so desired).

Lumenition performance ignition kit RB7270P
As above kit but also offers constant maximum spark energy at coil through the whole rev range. Supplied complete with low resistance coil.



HT Lead Set -V8

HT lead set - silicone
V8 models

GHT1825



COMPETITION TYPE HARNESS

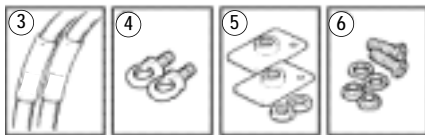
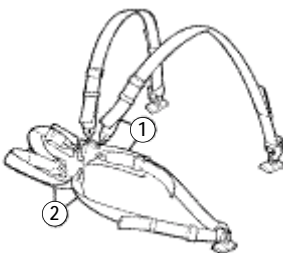
A popular alternative to standard seat belts - these really do look the part!

The 4-point harness shown (no. 1) can be converted to the 6-point type by the inclusion of the crotch strap listed (no. 2). Note that fittings (eye bolts, reinforcement plates & bolts/spacer sets) are supplied separately. Harnesses are supplied singularly in 2" wide red webbing (black or blue webbing supplied to special order).

This harness is designed for road use - please contact us if you have specific FIA/RAC approved type requirements.

See 'Interior Trim' - Seats, for standard seat belts.

- | | | |
|--|---|---------------|
| 1 HARNESS, competition type, red (each) | 2 | RX1500 |
| 2 CROTCH STRAP, red (each) | 2 | RX1501 |
| 3 SHOULDER PADS, 'Securon' (pair)
available in red or black | 2 | RX1502 |
| 4 EYE BOLT SET (pair) | 2 | RX1503 |
| 5 REINFORCEMENT PLATE SET (pair) | 2 | RX1504 |
| 6 BOLT & SPACER SET (pair) | 2 | RX1505 |



Upated Brake Kits

For improving the braking ability of your Range Rover when performance and/or handling improvements have been carried out, we have the following Upated Brake Kits available:



KIT 1
Upated Front Brake Kit RA1357
Converts solid front discs to ventilated. (up to Oct 1989-3.5V8 & 2.4TD).
Includes brand new, ventilated 4-pot calipers, ventilated, upated EBC turbo groove front discs (handed with curved grooves & dimples), a set of EBC Kevlar (green stuff) pads (fast road) and pad retaining kit.



KIT 2
Upated Front Brake Kit RA1358
Suitable for vehicles with existing ventilated front discs (Oct 1989 on - 3.9V8 & 2.5TD).
Includes ventilated, upated EBC turbo groove front discs (handed with curved grooves & dimples), and a set of EBC Kevlar (green stuff) pads (fast road).



KIT 3
Upated Rear Brake Kit RA1359
Suitable for all vehicles.
Includes solid, upated EBC turbo groove rear discs (curved grooves & dimples), and a set of EBC Kevlar (green stuff) pads (fast road).

SERVICE ITEMS

EBC Turbo groove brake discs - upated.
front (ventilated) - pair **RA1394**
rear (solid) - pair **RA1395**

EBC Kevlar (green stuff) pads - fast road.
Pads will also fit standard discs but we recommend fitting with EBC turbo groove discs for maximum benefit.
Note: front pads suitable only for ventilated (1990 on) discs.
front - set **RA1392**
rear - set **RA1393**

Stainless Steel Exhausts

Refer to 'Exhaust' section (pages 35-38) for details on standard & sports exhaust systems in stainless steel. Plus, our tubular manifold insulating wrap, for extra efficiency.



K&N Air Filters

Air filter - K&N:
K&N offer superior filtration, an improvement in air flow and many times longer life than standard elements. In addition, they can be cleaned and re-used.

Available for both carburettor and efi petrol models, as well as diesel-engine Range Rovers, they replace the original air intake box and paper element and require no alterations to the fuel system on a standard engine (with standard exhaust).

K&N Filters are proven in both competition and off-road environments.

K&N replacement air filters;

V8 engines

standard carbs (2 required) **RB7296**
Stromberg & SU. Filters clamp to air intake elbows.

efi vehicles -
Replaces air box assembly.
Filter clamps on to air flow meter.

flap type (to 1988) **RA1063**
hotwire type (1988 on) **RA1060**

Diesel engines

2400 & 2500TD **NTC1435K&N**
200Tdi **ESR1049K&N**
300Tdi **ESR1445K&N**

V8 Holley & Weber 4 barrel carbs

Pancake (14") filter assembly, bolts directly on to carb. May also be fitted with 'X-stream' filter top (lid).

recessed type (assembly) **RA1397**
Sits low on carb for extra bonnet clearance.

N.B. for use with manual choke only.
flat type (assembly) **RA1398**
2 1/4" deep, fits either manual or automatic choke.

'X-stream' air flow (lid only) **RA1399**
For maximum air flow. Replaces standard pancake K&N lid. Available in black, blue, red or polished. N.B. K&N filter assembly (recessed or flat type) must be purchased separately.

Cleaning fluid (1 litre) **RX1346**
For cleaning K&N filter elements.

Element oil;
For re-oiling K&N elements.

1 fl oz sachet **RX1347**

250ml bottle **RX1348**

400ml aerosol **RX1349**

Kenlowe Engine Hot Start & Interior Pre-Heater Systems

The ultimate in comfort & convenience: Kenlowe Engine Hotstart is a mains-powered pre-heater and coolant pump. Fitted in a convenient position in the engine bay, Hotstart rapidly heats the engine to operating temperature and holds it there, eliminating the engine wear, extra fuel costs and de-icing associated with cold winter mornings.

Kenlowe Interior Pre-Heater, working in conjunction with Hotstart, pre-heats the car's interior (as well as demisting iced-up windows) before you even turn on the ignition, making the start of your journey safer and more comfortable.

Kenlowe 'Hotstart'
engine pre-heater **RX1361**
engine & interior pre-heater **RX1362**



4 Barrel Carb Conversion Kits

Suitable for all engine sizes.

Complete conversion kits for all V8 Range Rovers.

Kits include: 4 barrel carb, inlet manifold, chromed 14" air cleaner, thermostat housing and accelerator cable kit.

See also fuel pump section for details of our facet type capacity electric fuel pump, which may be required in addition to the 4 barrel carb kits, depending on application. For 4-barrel carb components, refer to page 31.

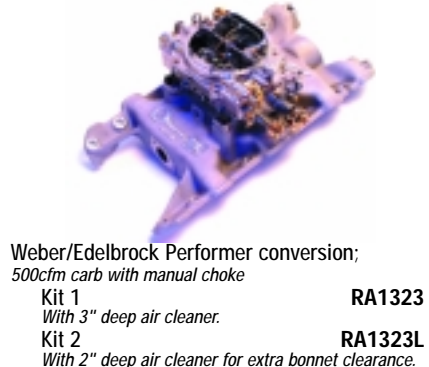
HOLLEY CARB KIT



Holley/Offenhauser conversion;
390cfm carb with auto choke

Kit 1 **RB7262**
With 3" deep air cleaner.

Kit 2 **RB7262L**
With 2" deep air cleaner for extra bonnet clearance.



Weber/Edelbrock Performer conversion;
500cfm carb with manual choke

Kit 1 **RA1323**
With 3" deep air cleaner.

Kit 2 **RA1323L**
With 2" deep air cleaner for extra bonnet clearance.



Kenlowe Fan

Kenlowe fan kit;

V8 (3.5, 3.9 & 4.2)
without air con **RA1094**
with air con **RA1095**

diesel
without air con **RA1096**
with air con **RA1097**

Lamps



Halogen headlight conversion kit; For converting early non-halogen headlamps. Kit includes 2 light units, bulbs & instructions. Can be supplied with or without pilot light (side light) if required.

RHD vehicles **RB7129**
LHD vehicles **RB7082**
except France **RB7160**
France only



Driving lamps **PRC8238**
Wipac (rectangular). Mount below front bumper in spoiler. Supplied as a pair inc, relay & wiring.

Driving lamps **RX1370**
Ring (rectangular). Budget lamps supplied as a pair including plastic covers.

Driving lamps **RX1512**
Wipac (9" circular). Off-road with plastic 'Wipac 4x4' grille. Supplied as a pair inc H3 100w bulbs. Excellent value for money!

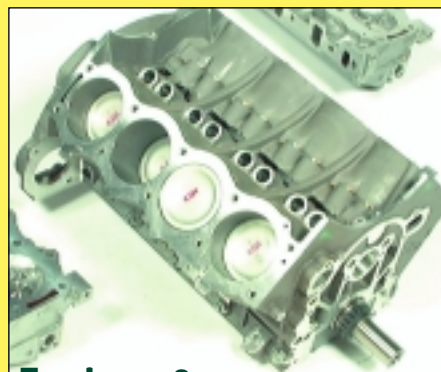


Driving lamps **STC8480**
Genuine (9" circular). Safari 5000 style with removable stoneguard. Supplied each. Wiring, switch & relay kit sold separately (use RTC9586AA to 3/94 or STC8813AA 3/94 on).

Halogen bulb (100/80w uprated) each **GLB484**
Halogen bulb 'Xenon' (60/55w) pair **GLB472X**



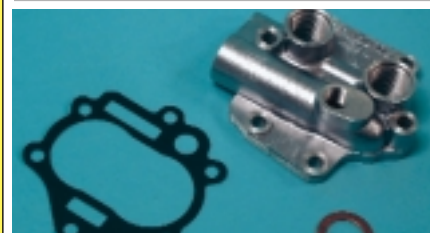
Rear fog light/guard **RB7092**
Air horns (pair) **RX1381**
High level brake/stop light **RX1298**



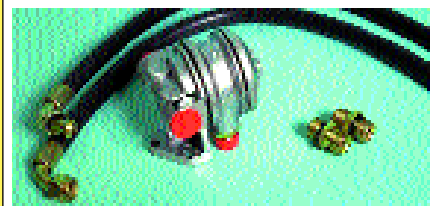
Engines & Performance Parts

Please refer to 'Engines' & 'Fuel' sections.

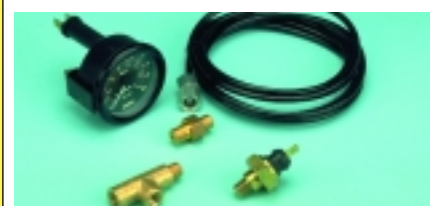
Oil Pump Cover/Remote Take Off



Oil pump cover/remote take-off **RO1105**
Very low profile oil pump cover & relief valve housing for maximum clearance. Use with remote oil filter mounting kit.



Remote oil filter mounting kit **RB7116**
Allows mounting of oil filter away from engine. Kit includes filter housing, hoses & mountings. Not suitable for Series 2 Range Rover.



Oil Pressure Gauge Kit

Oil pressure gauge kit **RX1351**
Aftermarket capillary type. Includes gauge & fittings.
Bracket - oil pressure gauge **RB7050**



V8 Oil Cooler (Engine)

If high oil temperatures are a problem, for example when towing, the V8 engine will benefit from the fitting of an oil cooler. We recommend fitting a thermostat at the same time. Note: An oil cooler was incorporated into the coolant radiator with the introduction of the 3.9 litre engine. The Series 2 Range Rover has a separate oil cooler.

Oil cooler kit (All models up to 1990) **RA1089**
Thermostat - oil cooler **RS1456**



Footwell Mats

Footwell over-mat set;
Includes front & rear footwell over-mats.
rubber

2 door **STC8054AA**
4 door (Oct '88 on) **STC8053AA**
LSE **STC8134AA**

velour/carpet
Top quality, 3 piece overmats.
Colours available: black, blue, beige, grey.
Please enquire for other options (limited availability on OE type overmats).

2 door only **RA1428**
4 door **RA1426**
LSE **RA1427**



- GREY
- GREEN
- BLACK
- ROYAL
- RED
- BEIGE

Waterproof Seat Covers

High quality, tailor-made & totally waterproof slip-on seat covers. Washable fabric, available in a choice of 6 colours.

Waterproof seat covers (aftermarket);

front seats (pair)
2 door **RA1315**
4 door **RA1316**
vehicle set
2 door **RA1317**
4 door **RA1318**

Genuine Land Rover waterproof seat covers;

front pair (June '84 on except SE & LSE)
grey **STC8190**
beige **STC8195**
vehicle set (Oct '86 on)
All vehicles except SE & LSE.
grey **STC8191**
beige **STC8196**
SE & LSE models
grey **STC8193**
beige **STC8198**



Load Space Protector

Load space protector;
rigid - moulded plastic
half length

March 1984 to Sept 1992 **RTC9596**
October 1992 on **STC8131AA**
full length **RTC9598**
March 1984 to Sept 1992
stowable - Oct 1992 on **STC8135AA**

Load Space Mat

Velour material (various colours)

Load space over mat
2 door models **RA1369**
4 door models **RA1370**



Sound Proofing Kits

We have a comprehensive interior soundproofing kit available, which is extremely effective at reducing the noise levels of Range Rovers - particularly Tdi models.

Soundproofing kit **RA1221**
Interior kit, suitable for all vehicles.

Winching Equipment



SUPERWINCH WINCHES

Top quality. Suitable for just about all situations. We have listed 4 specifications - other options are available depending upon your requirements. Please enquire.

2040kg capacity winch **RA1375/45**
S4500 winch (light duty), including 15m wire rope, fairlead and remote control.

2720kg capacity winch **RA1375/60**
S6000 winch (medium duty), including 30m wire rope, fairlead and remote control.

3850kg capacity winch **RA1375/80**
Husky 8 and winch (medium/heavy duty), including 30m wire rope, fairlead and remote control.

4080kg capacity winch **RA1375/90**
S9000 winch (heavy duty), including 30m wire rope, fairlead and remote control.

WINCH OPTIONAL EQUIPMENT



Winch mounting plate **RA1374**
Chassis mounted, fits below front bumper. Slight mod to spoiler (if fitted) required.



Snatch block **RA1377**



Winch accessory kit **RA1376**
Includes choker chain, snatch block, 2m x 100mm tree strap, gloves & bag.

Towing Accessories



Tow bar kit - complete
Comprise: bracketry, towing plate, tow ball & cover, electrics.
up to 1994 (vin LA) **RTC9499F**
fixed height **RTC9499AD**
1995 on (vin MA)
multi-height adjustable (photo) **STC8816**



Combination tow ball/jaw (3.5 tonne) **RTC8159**
Tow ball (50mm) **GTT101**
Tow ball cover (for GTT101) **GTT308**



Towing electrics kit (universal) **RTC3834AA**
'S' type auxiliary socket **STC8874**
For powering auxiliary electrical equipment in caravans or trailers - includes twin split charge kit for charging both main & auxiliary batteries.

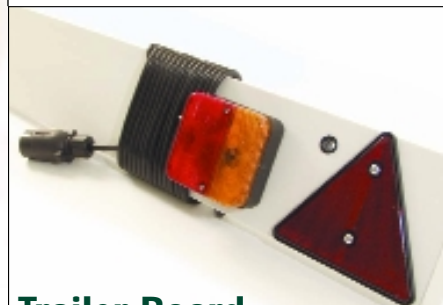


Tow rope **STC8919P**



Air helper springs **RA1371**
Designed for vehicles which regularly tow or carry heavy loads. Air helper springs ensure the vehicle remains at its optimum ride height.
The air helper springs kit comprises of an axle set of airbags, bushes, fittings & instructions.
Available separately, the compressor kit allows the air helper springs to be inflated/deflated from inside the vehicle.

Air lift compressor kit **RA1372**



Trailer board **RX1513**

Trailer Board

Off-Road Equipment



Sump Guard
7mm heavy duty aluminium plate with vent holes
for vehicles without nudge bar **RA1225A**
for vehicles with nudge bar **RA1225B**
certain types only, possible mod required to fit.



Diff Guard **RA1354**
Suitable for front or rear diffs. Simple clamp-on fit.



Steering Guard (Simple protection) **NTC5164**



Raised Air Intake Kit (snorkel) **RA1373**
Suitable for V8 & TDi models



Parts Books - Factory

Original Land Rover factory publications.

Range Rover 1970-1985 (inc. vin BA). 410 pages.	RTC9846CH
1986-1992 (inc. vin HA). 364 pages.	RTC9908CB
1992-1995 (inc. JA on). 958 pages.	RTC9961CB



Workshop Manuals - Factory

Original factory type publications.
Certain publications also available in other languages - please enquire for price & availability.

Range Rover 2 door, 1970-1985, 508 pages. Includes 5 speed & auto supplements.	RA1365
Range Rover 1986-1989 1024 pages. Includes 3.5 V8 & VM 2.4TD diesel.	RA1366
Range Rover 1990-1994, 1184 pages. Includes 3.9/4.2 V8 & 2.5TD /200TDi diesel.	RA1367
V8 engine official overhaul manual 152 pages. Covers 3.5, 3.9, 4.0, 4.2, & 4.6 engine units (exc. carbs, starters & bolt on parts).	RD1024
300TDi engine & transmission official overhaul manual, 224 pages Covers 300TDi, R380 gearbox & LT230T transfer box.	RD1023



Haynes Manuals

Workshop manual 1970-Oct 1992 317 pages.	RA1007
Purchase & restoration guide 192 pages. By Dave Pollard.	RA1070

Owners Handbooks

Original factory type publications.
Includes operating information on driving controls, instruments, care, maintenance & general data.
Note: prices in price guide dictate if soft or hard back.
Certain publications also available in other languages - please enquire for price & availability.

Range Rover 2 door, 140 pages.	RA1400-2DR	
1981 on, covers 1981-82 188 pages.	RA1400-81	
1983 on, covers 1983-85 (up to facelift) 182 pages.	RA1400-83	Range Rover con't
1986 on, covers 1986-88 168 pages.	RA1400-86	1991 model year
1988 on, covers 1988-89 168 pages.	RA1400-88	1992 model year
1990 model year	RA1400-90	1993 model year
		1994 model year
		1995 model year
		RA1400-91
		RA1400-92
		RA1400-93
		RA1400-94
		RA1400-95

Reference/ Information Books

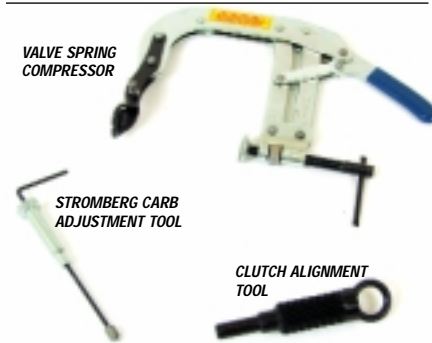
Original Range Rover, 1970-1986 128 pages. By James Taylor.	RA1226
Range Rover gold portfolio, 1970-1985 Road tests, reports, updates, data, history, buying. 172 pages.	RA1401
Range Rover gold portfolio, 1985-1995 Road tests, reports, specifications etc. Sequel to earlier book. 172 pages.	RA1402
Range Rover takes on the competition Articles comparing other 4x4's, including new model reports, data, specs & buying used. 140 pages.	RA1403
The Rover V8 engine 208 pages. By David Hardcastle.	RX1429
Tuning Rover V8 engines 208 pages. By David Hardcastle.	RX1430
Range Rover- the complete story By James Taylor.	RA1319
The Land Rover experience By Tom Shepard.	RA1320
Driving techniques - Range Rover & Land Rover, 32 pages Official booklet guide for off-roading.	RA1404
Winning in safety, 104 pages. Complete guide to winning techniques.	RA1405





Tools

Hydraulic jack	ANR4489
Handle for jack	NTC6856
Wheelbrace	NTC7829
Wheel chock (each)	ANR4960
Tyre pump	523638A



Valve spring compressor (OHV)	RX12260HV
Stromberg carb adjustment tool	RX1222LR
Clutch alignment tool	RX1386T

All models exc. early 4SP LT77 (large spline).



Oil filter strap wrench	RX1514
Sump key set (5 piece)	RX1515
Oil pump priming tool	RX1431
Grease gun	RX1423
Spark plug spanner	GAT140



Road spring compressor **RX1328**



Lubricants & Fluids

Engine oil - V8;	
Unipart 20W50	GGL104
4.55 litre (1 gallon)	
Castrol Classic XL (20W50)	RX1363
4.55 litre (1gallon).	
Duckhams Q (20W50)	HMP190100
4.55 litre (1 gallon).	
Duckhams Q Storage Oil	HMP190104
4.55 litre (1 gallon)	
Castrol Running-in Oil	RX1417
4.55 litre (1 gallon)	
<i>For use in new or reconditioned engines during running-in.</i>	
Engine Oil - Diesel	
Unipart 15W40 (5 litres)	GGL658
Gear oil;	
Unipart,	
EP90 - 0.5 litre	GGL190
ATF - 0.5 litre	GGL175
ATF - 5 litre	GGL505

Antifreeze;
It is recommended that a minimum 50% antifreeze mix is maintained all year round on aluminium engines, to inhibit corrosion.

Unipart - 1 litre	GAC2018
Unipart - 5 litre	GAC2019
Brake/clutch fluid;	
Unipart Dot 3 - 1 litre	GBF103
Silicone - 0.5 litre	RX1327
Silicone - 1 litre	RX1326



Workshop Consumables

Grease;	
lithium grease - 0.5 litre tube	GGL111
rubber grease (red)	514578
<i>For brake assemblies (2oz tube).</i>	
swivel grease	STC3435
<i>For use instead of EP90 in swivel housings. Once-only application - no need to top-up (highly recommended). 1 required for each housing.</i>	
Cam Lube	RX1358
WD40 (large, 400ml)	GAC111
Radiator sealant pellet	RX1508
Silicone Sealant (80ml tube)	GHF6093
Hylomar (gasket sealant) 25g	GGC103
Exhaust jointing compound	GCH112



Copper grease (tube)	RX1345
Brake cleaner (aerosol)	GBF901
Loctite thread lock	GAC100
Trim adhesive (1 litre)	RX1353
Trim adhesive (370g aerosol)	RX1353A
Rubber gloves (box of 100)	RX1406
Castrol oil jugs;	
1/2 pint	RX1395
1 pint	RX1396
2 pint	RX1397
all 3 jugs	RX1398

Body Care

FINNEGANS 'ANTI-CORROSION' WAXOYL

Waxoyl starter kit <i>Includes: RX1028, RX1030, RX1031.</i>	RX1032
Waxoyl:	
5 Litre can	RX1027
2.5 Litre can	RX1029
2.5 Litre cartridge	RX1028
Trigger spray gun	RX1033
High pressure spray gun <i>Use with 2.5 litre cartridge.</i>	RX1030
Extension probe <i>Use with high pressure spray gun.</i>	RX1031
Aerosol (400ml)	RX1026
Aerosol (200ml)	RX1025
Underbody seal:	
1 litre	RX1024
500ml	RX1023



AUTOGLYM CAR CARE PRODUCTS

Autoglym car care pack <i>Includes 1 of each item listed below.</i>	RX1510
Silicone resin polish (300ml)	RX1312
Bodywork shampoo conditioner (480ml)	RX1313
Car interior shampoo (480ml)	RX1314
Glass polish (300ml)	RX1315
Cutting polish (300ml)	RX1316
Extra gloss protection (300ml)	RX1317
Bumper care (300ml)	RX1318
Vinyl & rubber care (300ml)	RX1319
Leather care cream (300ml) <i>Cleans and preserves.</i>	RX1320
Superglym chrome polish (75g)	RX1321
Clean wheels (500ml)	RX1322
Perfect polishing cloth (21 Sq Ft)	RX1323
Aqua-dry (Synthetic chamois)	RX1324
Clean machine (1 Litre) <i>Engine Degreaser.</i>	RX1325

GENERAL CAR CARE PRODUCTS

Sponge	RX1415
Wash leather	RX1416



'CONCOURS' SPECIALIST WHEEL CLEANER

The 'Concours' specialist wheel cleaning system will help you care for your Classic's wheels.

Suitable for all Steel, Alloy and Wire wheels (including painted & chromed), 'Concours' wheel cleaning system uses a unique 2-stage process that not only cleans, but gives wheels a superb lasting finish that helps to protect them, making them easier to care for and clean in the future.

'Concours' Wheel Cleaning Kit **RX1405**
Kit includes: special cleaning solution (580ml), wooden handled cleaning brush & dispenser, finishing/protection solution (180ml), 2 pair of disposable gloves.

Cleaning solution breaks down brake dust & road grime. Brush & dispenser gets into all those awkward places. Finishing/protection solution leaves wheels like new.

Roadside Equipment



Lightweight Disposable Overalls Medium (approx 47" chest)	RX1408M
Large (approx 51" chest)	RX1408L
Extra large (approx 55" chest)	RX1408X
Rubber Gloves (100)	RX1406
Bulb kit - ideal for touring	STC8247AA
AA membership & Relay pack	RX1329
Warning triangle	RX1344
Safety jacket (luminous)	GAC2999
First aid kit	RX1399
Snow chains (axle set)	RTC9589
Fire extinguisher	GAC9904

ADVERTISING PRINTS

Advertising prints (ex publicity):

- | | |
|---------------------|--------|
| YVB 153H | RA1327 |
| Yellow 2dr | RA1328 |
| "Just married" | RA1329 |
| Snow-Rover | RA1330 |
| Rain-Rover | RA1331 |
| "We brake for fish" | RA1332 |
| Black Vogue | RA1333 |
| 4.6 HSE | RA1334 |



RA1329



With brake for fish.

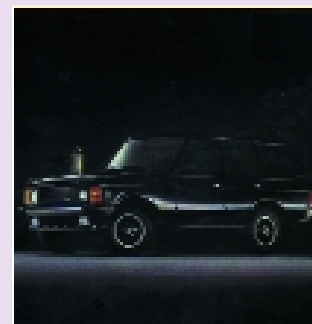
RA1332



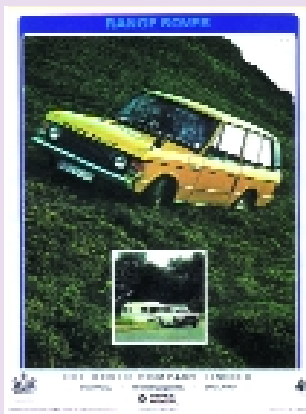
RA1327



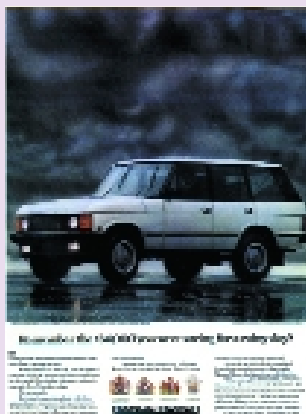
RA1330



RA1333



RA1328



RA1331



RA1334

Miscellaneous

Rimmer Bros vouchers;

- | | |
|-----|--------|
| £5 | RX1337 |
| £10 | RX1338 |
| £20 | RX1339 |
| £50 | RX1341 |

Rimmer Bros decal (black/silver)

RA1055

'Rimmer Bros' baseball cap

RX1425

Key fob - 'Range Rover'

RA1406

Tax disc holder

RX1355

Union Jack badge (enamel)

RX1299

Number plate;

front

- | | |
|----------------------|---------|
| standard | NPF |
| honeycombe | NPFHC |
| honeycombe 3D effect | NPFHC3D |

rear

- | | |
|----------------------|---------|
| standard | NPR |
| honeycombe | NPRHC |
| honeycombe 3D effect | NPRHC3D |

black/silver (pair)

Silver letters on black background. Legal only on vehicles registered before 1 January 1973 (UK).

- | | |
|-----------------------------------|---------|
| pressed aluminium (pair) | RX1365 |
| acrylic (engraved numbers) (pair) | RX1365A |
| acrylic (standard numbers) (pair) | RX1365B |





Aerosol Paints & Touch-in Crayons

Add the suffix T or A to the appropriate part number:
 Suffix T = Touch-in Crayon
 Suffix A = Aerosol

1970 to 1985

Arctic white	RTC4027
Arizona tan	RTC4051
Bahama gold	RTC4030
Balmoral green	RTC4050
Denim blue	RTC4037
Derwent blue	RTC4052
Lincoln green	RTC4028
Masai red	RTC4032
Nevada gold	RTC4053
Russet brown	RTC4033
Sahara dust	RTC4031
Shetland beige	RTC4036
Sierra silver	RTC4038
Tuscan blue	RTC4034
Venetian red	RTC4035

1986 onwards

Aegean blue	STC301
Alaskan blue	RTC5730
Alpine white (1992 onwards)	RTC6870
Ardennes green	RTC6634
Arles blue	RTC6401
Arran beige	RTC5980
Ascot green	RTC4042
Aspen silver	RTC6810
Astral silver	RTC4544
Beluga black	RTC5979
British racing green (1992 on)	STC1351
Brookland green (solid)(1992 on)	STC784
Brooklands green(micatallic)(92 on)	STC1352
Cairngorm brown	RTC5982
Cambrian grey	RTC4054
Caprice (1992 onwards)	STC1451
Carmen pearl (1992 onwards)	STC1350
Caspian blue	RTC4545
Cassis red	RTC4977
Chamonix white	RTC4058

Clearwater blue	RTC6402
Colorado silver	RTC5729
Conniston green (1992 onwards)	STC1348
Cypress green	RTC4546
Eastnor green	RTC5981
Montpelier (1992 onwards)	STC1349
Mosswood (1992 onwards)	STC1046
Niagara (1992 onwards)	STC1449
Pembroke grey	RTC6869
Plymouth blue	RTC6415
Portofino red	RTC5728
Roman bronze	STC9
Savannah beige	RTC4543
Shire blue	RTC5727
Slate grey (1992 onwards)	STC1450
Sonoran brown (1992 onwards)	STC1051
Tasman blue	RTC4049
Tintern	STC302
Trocadero red	RTC5983
Venetian red	RTC4035
Westminster grey	RTC6454

Paint - General

Primer (aerosol) (150ml)	
grey	RX4047A
white	RX4048A
red oxide	RX4049A
Chassis paint (black) (for general touch-up)	
brush on (125ml)	RX4070B
aerosol (400ml)	RX4070A
Engine paint (high heat)	
brush on (125ml)	RX1432B
aerosol (400ml)	
black	RX1432A
aluminium	RX1432AL
Wheels (silver) (general application)	
Refer to other panel for specific colours.	
silver paint (16oz)	RX1265
clear laquer (400ml)	RX1261
Black aerosol (general)	
gloss (400ml)	RX4070A
matt (16oz)	RX1266

Vehicle Security

'Dis-Car-Nect'	
Starter Immobiliser	RX1356
Replacement Screw Knob	RX1356K
Replacement Fuse	RX1356F



HOW DOES 'DIS-CARNECT' WORK?

When leaving your car, simply remove the knob to isolate the starter circuit. The 16amp by-pass fuse will maintain current to all other electrical circuits - stereo memories, alarm etc. Because the starter motor draws over 150amps, any attempt to connect (hot-wire) the starter motor will instantly cause the by-pass fuse to blow, this immobilises the car until the knob is replaced. If this should happen, simply replace the 16amp fuse at your convenience. As an added advantage, the 'Dis-Car-Nect' will also prevent battery drain if you intend to store your car, simply unscrew the knob and remove the fuse. For extra security you can unscrew and remove the immobiliser knob completely.



BATTERY CONDITIONER

The battery charger that turns on and off, automatically.

Suitable for all 12 volt batteries (from 5AH to 100AH), this superb product constantly revitalises the battery cells - helping to extend cell life, without the danger of overcharging.

Battery Conditioner Kit - RX1410

Comes complete with all fittings, connector kit and operating instructions.

LOOK AT THESE BENEFITS;

- Designed to be left connected for long periods.
- Use without disconnecting vehicle electrics.
- L.E.D. battery condition display.
- Thermal cut-out facility.
- 12 month guarantee.

Can also be used for these applications providing they use a 12 volt battery;
 Caravans, lawn mowers, motorbikes, motor boats, wheel chairs and general leisure use.

Battery Charger (6v/12v) - GAC7106

NORTH AMERICAN SPECIFICATION (NAS) VEHICLE PRODUCTION & SPECIFICATION SUMMARY



US Launch

By the time Range Rover was introduced to the American market (in March 1987), UK production of the vehicle had been in full swing for 17 years. A lot of 'refinements' had been made to the Range Rover in that time - four doors and multi-point fuel injection to name but two - until Land Rover felt that the vehicle was finally suitable for US launch. Nevertheless, market researchers at Land Rover believed that American customers would have different requirements to European buyers, so the specification of USA-bound Range Rovers reflected this.

As it transpires, Land Rover had misjudged their *home* market somewhat, as the new luxury specification for American Range Rover customers was exactly what European buyers wanted too. The two markets weren't so very different: what one was offered, the other would inevitably ask for.

NAS Supplement

NAS Range Rovers, then, are not dissimilar to European models. This section covers the North American Range Rover market, to highlight the differences. It is for using *in addition* to, rather than *instead of*, the main catalogue. It is laid out in the same order as the main catalogue; therefore, use the main catalogue to identify the parts you require, then refer to the supplement for possible differences. There may be a number of circumstances where the parts listed in this section are the same as those listed for that year in the main catalogue. The reason for this duplication is that the chassis number change-point will be different for NAS vehicles.

NAS Vehicle Identification

The chassis number system for NAS vehicles is slightly different from UK & European specification Range Rovers. Nevertheless, The 17-figure chassis number used on these vehicles still contains all the necessary information relating to specification and period of manufacture. As with UK spec vehicles, the last-but-one letter of the chassis number relates to the year the vehicle was built, as follows:

HA00001	1987 model year
JA00001	1988 model year
KA00001	1989 model year
LA00001	1990 model year
MA00001	1991 model year
NA00001	1992 model year
PA00001	1993 model year
RA00001	1994 model year
SA00001	1995 model year

4-Door V8 Efi (3.5 litre)

NAS VEHICLES
PRODUCTION INFORMATION
 Period of Manufacture March 1987 to Sept 1988
 Chassis Number Prefixes SALHV114
 Engine Number Prefixes 31D
 Choice of Transmission 4-sp auto only.

BODY DIMENSIONS & WEIGHT
 As UK market 4-door V8 models.

PERFORMANCE
 Engine capacity 35258cc (215 cu.in.)
 Power (bhp @ rpm) 150 @ 4000
 Torque (lb/ft @ rpm) 190 @ 3200
 Top Speed (mph) 102
 Acceleration (0-60mph) 12 secs
 Ave Fuel Consumption (mpg) 17 mpg

4-Door V8 Efi (3.9 litre)

NAS VEHICLES
PRODUCTION INFORMATION
 Period of Manufacture Oct 1988 onwards
 Chassis Number Prefixes SALHV124
 Engine Number Prefixes 38D & 36D
 Choice of Transmission 4-sp auto only

BODY DIMENSIONS & WEIGHT
 As UK market 4-door V8 models.

PERFORMANCE
 Engine capacity 3948cc (240 cu.in.)
 Power (bhp @ rpm) 179 - 188 bhp @ 4750
 Torque (lb/ft @ rpm) 227 - 231 @ 3500
 Top Speed (mph) 110
 Acceleration (0-60mph) 11 secs
 Ave Fuel Consumption (mpg) 18 mpg

4-Door V8 Efi (4.2 litre)

NAS VEHICLES
PRODUCTION INFORMATION
 Period of Manufacture October 1992 on
 Chassis Number Prefixes SALHV124
 Engine Number Prefixes 40D
 Choice of Transmission 4-sp auto only

BODY DIMENSIONS & WEIGHT
 As UK market 4-door V8 models.

PERFORMANCE
 Engine capacity 4274cc (260 cu.in.)
 Power (bhp @ rpm) 200 @ 4850
 Torque (lb/ft @ rpm) 250 @ 3250
 Top Speed (mph) 110
 Acceleration (0-60mph) 11 secs
 Ave Fuel Consumption (mpg) 18 mpg

INTRODUCTION

This section contains commonly requested service items and accessories for Series 2 Range Rover. In addition, the V8 Engine section at the beginning of this catalogue contains Series 2 Range Rover 4.0 & 4.6 litre engine components. If there is a part you require for your Series 2 Range Rover that is not listed here, please contact our sales department.

Gaskets & Oil Seals

Head gasket;			
V8	(2)	ERR7217	
diesel			
1.62 (2 holes)	(1)	STC2030	
1.87 (3 holes)	(1)	STC2031	
Seal - inlet/exhaust valves;			
V8	(16)	ERR1782	
diesel	(1)	STC2159	
Inlet manifold gasket;			
V8	(1)	ERR7306	
diesel	(1)	STC2203	
Seal - inlet manifold gasket (V8)	(2)	ERR7283	
Exhaust manifold gasket;			
V8	(4)	ERR6733	
diesel			
gasket only	(4)	STC2208	
gasket & heatshield	(1)	STC2210	
horizontal gasket	(1)	STC2209	
Rocker cover gasket;			
V8	(2)	GEG436UR	
diesel	(1)	STC2026	
Timing cover gasket;			
V8	(1)	ERR7280	
diesel	(1)	STC2045	
Sump gasket;			
V8	(1)	AJM539	
diesel	(1)	STC2036	
Water pump gasket;			
V8	(1)	ERR4077	
diesel (O-ring)	(1)	STC2189	
Sump gasket - auto gearbox	(1)	RTC4268	

Gasket Sets

Head gasket set - V8	(1)	RA1233	
<i>Suitable for 4.0 & 4.6 litre.</i>			
Sump gasket set - V8	(1)	STC1639	
Gasket set - diesel engine;			
cylinder head gasket set	(1)	STC2033	
lower engine gasket set	(1)	STC2012	



K&N KILTER RA1060
IDEAL FOR LPG CARS!

Filters - Air, Oil & Fuel

Air filter (standard) - V8 & diesel	(1)	ESR341	
Air filter (K&N)	(1)	RA1060	
<i>Ideal for LPG cars!</i>			
Oil filter;			
V8	(1)	ERR3340	
diesel (filter element)	(1)	STC2180	
Fuel filter;			
V8	(1)	ESR4065	
diesel	(1)	STC2827	
Pollen filter	(1)	BTR8037	

Drive Belts

Drive belt - ancillary components;			
V8			
air con	(1)	ERR4460	
non air con	(1)	ERR4461	
diesel	(1)	STC2134	
Air con drive belt - diesel	(1)	STC3397	

Spark Plugs - HT Leads

Spark plug - V8 (RN11YCC)	(8)	GSP6462	
HT lead set	(1)	RA1340	

Cooling System

Radiator;			
V8	(1)	PCC106940	
diesel	(1)	PCC106920	
Pressure cap - expansion tank	(1)	ESR1480	
<i>V8 & diesel.</i>			
Viscous coupling;			
V8	(1)	ERR4996	
diesel	(1)	ERR4397	

Cables

Accelerator cable - V8;			
rhd	(1)	SBB104040	
lhd	(1)	SBB104050	
Cable - cruise control	(1)	AMR3705	
Handbrake cable	(1)	ANR2215	

Clutch Kits & Components

Clutch kit;			
V8	(1)	FTC5426	
diesel	(1)	RA1322	
Clutch cover;			
<i>Note: the release bearing is part of the clutch cover.</i>			
V8	(1)	FTC1009	
diesel	(1)	FTC2157	
Clutch plate;			
V8	(1)	FTC1008	
diesel	(1)	FTC4488	
Flywheel bearing - diesel	(1)	STC2079	
Master cylinder - clutch	(1)	ANR3894	
Repair kit - master cylinder	(1)	STC2824	

Driveline

Universal joint - propshaft;			
rear	(2)	RTC4587	
Coupling kit - rear propshaft (diesel)(1)	(1)	STC2794	
Balljoint - front axle;			
upper	(2)	FTC3570	
lower	(2)	FTC3571	



Suspension Bushes

Poly bush kit	(1)	RA1338
Eye bush - Panhard rod (fr & rr)	(4)	ANR3671
Eye bush - radius arm;		
front	(4)	ANR3332
rear	(2)	ANR3285
Bush - radius arm to chassis	(4)	ANR2563
Anti-roll bar bush	(2)	ANR3305



BILSTEIN



HEAVY DUTY GAS
NON-ADJUSTABLE

Shock Absorbers

Shock absorber- standard - all models;		
front	(2)	STC3672
rear	(2)	STC3671
Shock Absorber - uprated - all models		
<i>Recommended to fit in vehicle sets.</i>		
front (pair)		
Bilstein	(1)	RA1363B
Koni	(1)	RA1363K
rear (pair)		
Bilstein	(1)	RA1364B
Koni	(1)	RA1364K



ADJUSTABLE OIL-FILLED

Steering

Steering shaft assy	(1)	ANR3698
<i>Inc. Upper & lower UJ's.</i>		
Universal joint - lower shaft	(1)	STC1968
Steering balljoint;		
drag link	(2)	STC1871
track rod end	(1)	STC1870

Electrical

Bulb;		
headlamp		
main/dip (H4)	(2)	589783
main beam (H1)	(2)	589109
sidelamp (5W)	(2)	AFU4481
indicator		
front (21W)	(2)	264591
side repeater (5W)	(2)	AFU4481
foglamp		
front (H3)	(2)	606178
rear (21W)	(2)	264591
rear lamp		
indicator (21W)	(2)	264591
tail light (5W)	(2)	10211
stop light (21W)	(2)	264591
reverse light (21W)	(2)	264591
fog light (21W)	(2)	264591
number plate (5W)	(2)	AFU4481
high level stop light (5W)	(2)	AFU4481
interior lamp		
front		
main light (10W)	(1)	586438
map light (5W)	(2)	AFU4481
rear pillar (5W)	(2)	RTC3633
rear map light (HSE only)	(2)	575312
glovebox (5W)	(1)	RTC3633
footwell		
front (3W)	(2)	573289
rear (5W)	(2)	RTC3633
loadspace (10W)	(1)	STC1203
puddle lamps (3W)	(4)	573289

Windscreen & Headlamp Wipers

Wiper blade - front		
rhd	(2)	DKC101000
lhd	(2)	DKC100830
Wiper blade - rear	(1)	PRC7576
Wiper blade - headlamp	(2)	DKC100860



Tyres

Tyre;		
255/55 R18 (18" wheel)		255/55R18
235/70 R16 (standard wheel)		235/70R16
255/65 R16 (standard wheel)		255/65R16
<i>Several quality makes available.</i>		
<i>Contact us for best prices and availability.</i>		



Brake System

Brake disc:		
front		
standard - each	(2)	NTC8780
uprated - pair	(1)	NTC8780UR
<i>EBC turbo groove.</i>		
rear		
standard - each	(2)	NTC8781
uprated - pair	(1)	NTC8781UR
<i>EBC turbo groove.</i>		
Brake pad set;		
front		
standard	(1)	STC3685
uprated	(1)	STC3685UR
<i>EBC Kevlar 'green stuff'. Fast road.</i>		
rear		
standard	(1)	STC3684
uprated	(1)	STC3684UR
<i>EBC Kevlar. Fast road.</i>		
Pad guide pin kits (<i>includes dust covers</i>)		
front	(1)	STC1920
rear	(1)	STC1910
Brake shoe kit (<i>transmission brake</i>)	(1)	STC1525
Seal kit - brake caliper;		
front	(1)	STC1919
rear	(1)	STC1909
Handbrake cable	(1)	ANR2215



SERIES 2 RANGE ROVER

EXHAUSTS

Full System - inc. Catalyst Standard - Mild & Stainless Steel

Comprising:- catalyst(s), centre silencer & tailpipe(s).
See also 'Part Systems (less Catalysts)'.
See also 'Individual system components'.

How to identify mild or stainless steel exhausts using the price guide:-
The RA part number for a full system will have an MS suffix (for mild steel) or SS (for stainless steel).

Full system (inc. cats) - V8 - 4.0/4.6 litre
Not including fittings or manifolds. Comprises catalysts, centre silencer & tailpipe(s). Automatic or manual.

1994 to 1996 (VIN VA346793) rh exit tailpipe		
mild or stainless steel	(1)	RA1074
fitting kit	(1)	RA1074FK
1996 on (VIN VA346794) twin exit tailpipes		
mild or stainless steel	(1)	RA1418
fitting kit	(1)	RA1418FK

Full system (inc. cat) - diesel - 2.5TD
Not including fittings or cast iron downpipe. Comprises catalyst, centre silencer & tailpipe(s). Automatic or manual.

1994 to 1996 (VIN VA346793) rh exit tailpipe		
mild or stainless steel	(1)	RA1078
fitting kit	(1)	RA1078FK
1996 on (VIN VA346794) twin exit tailpipes		
mild or stainless steel	(1)	RA1420
fitting kit	(1)	RA1420FK

Part System - exc Catalyst Standard - Mild & Stainless Steel

Comprising:- centre silencer & tailpipe(s) only.
See also Full Systems (including catalysts).
See also 'Individual system components'.

Catalysts are normally quite durable, so it is unlikely that you will need to replace them unless an MOT emissions failure (or a rattle) indicate the need to replace the catalysts & perhaps the full system.

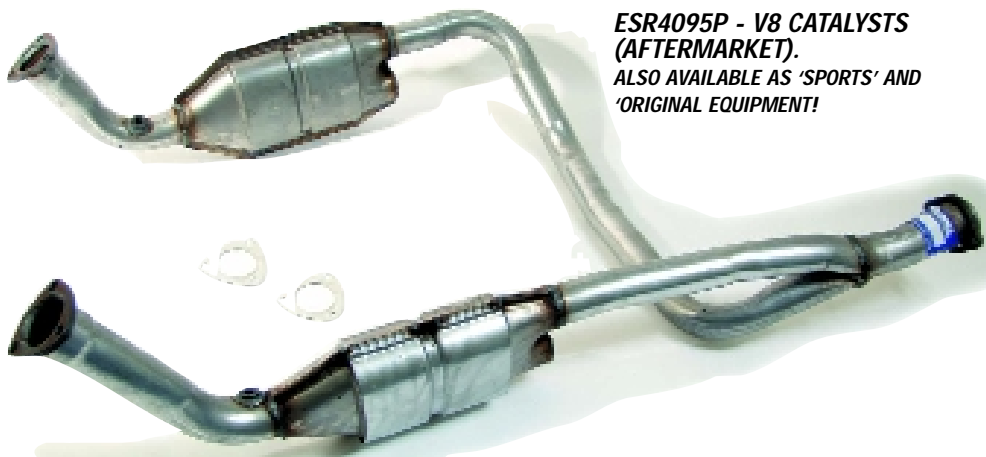
How to identify mild or stainless steel exhausts using the price guide:-
The RA part number for a part system will have an MS suffix (for mild steel) or SS (for stainless steel).

Part system (exc. cats) - V8 - 4.0/4.6 litre.
Not including fittings. Comprises centre silencer & tailpipe(s). Excludes catalysts. Automatic or manual.

1994 to 1996 (VIN VA346793) rh exit tailpipe		
mild or stainless steel	(1)	RA1075
fitting kit	(1)	RA1075FK
1996 on (VIN VA346794 on) twin exit tailpipes		
mild or stainless steel	(1)	RA1419
fitting kit	(1)	RA1419FK

Part system (exc. cat) - Diesel - 2.5TD.
Not including fittings. Comprises centre silencer & tailpipe(s). Excludes catalyst. Automatic or manual.

1994 to 1996 (VIN VA346793) rh exit tailpipe		
mild or stainless steel	(1)	RA1079
fitting kit	(1)	RA1079FK
1996 on (VIN VA346794 on) twin exit tailpipes		
mild or stainless steel	(1)	RA1421
fitting kit	(1)	RA1421FK



ESR4095P - V8 CATALYSTS (AFTERMARKET).
ALSO AVAILABLE AS 'SPORTS' AND 'ORIGINAL EQUIPMENT!'

Individual System Components Standard - Mild & Stainless Steel

This section lists individual exhaust components in both mild steel and stainless steel. Use it to select the appropriate parts if you are not replacing the whole system.

System components - V8 - 4.0/4.6 litre
Automatic or manual

1994 to 1996 (VIN VA346793) rh exit tailpipe		
Manifold (tubular)		
rh	(1)	LKC102470
lh	(1)	LKC102480
Downpipe/catalyst		
original	(1)	ESR4095
aftermarket	(1)	ESR4095P
Centre silencer		
mild steel	(1)	WCE104310
stainless steel	(1)	WCE104310SS
Rear silencer/tailpipe (rh exit)		
mild steel	(1)	ESR3538
stainless steel	(1)	ESR3538SS
Tailpipe finisher	(1)	ESR3153
for mild steel tailpipe only.		

1996 on (VIN VA346794 on) twin exit tailpipe		
Manifold (tubular)		
rh	(1)	LKC102470
lh	(1)	LKC102480
Downpipe/catalyst		
original	(1)	ESR4095
aftermarket	(1)	ESR4095P
Centre silencer		
mild steel	(1)	WCE104310
stainless steel	(1)	WCE104310SS
Rear silencers/tailpipes (twin exit)		
right hand		
mild steel	(1)	WDV100270
stainless steel	(1)	WDV100270SS
left hand		
mild steel	(1)	WDV100260
stainless steel	(1)	WDV100260SS

Individual System Components Standard - Mild & Stainless Steel

This section lists individual exhaust components in both mild steel and stainless steel. Use it to select the appropriate parts if you are not replacing the whole system.

System components - Diesel - 2.5 TD
Automatic or manual

1994 to 1996 (VIN VA346793) rh exit tailpipe		
Downpipe/catalyst		
original	(1)	ESR2521
aftermarket	(1)	ESR2521P
Centre silencer		
mild steel	(1)	ESR3194
stainless steel	(1)	ESR3194SS
Rear silencer/tailpipe (rh exit)		
mild steel	(1)	ESR3196
stainless steel	(1)	ESR3196SS
1996 on (VIN VA346794 on) twin exit tailpipe		
Downpipe/catalyst		
original	(1)	ESR2521
aftermarket	(1)	ESR2521P
Centre silencer		
mild steel	(1)	ESR3194
stainless steel	(1)	ESR31940SS
Rear silencers/tailpipes (twin exit)		
right hand		
mild steel	(1)	WDV100270
stainless steel	(1)	WDV10027SS
left hand		
mild steel	(1)	WDV100260
stainless steel	(1)	WDV100260SS



STANDARD TWIN EXIT PART SYSTEM IN STAINLESS STEEL



EXHAUSTS

RA1088 SPORTS SYSTEM

Sports System - Large Bore Twin Exit Stainless Steel

See also 'Sports Catalyst' for V8 models.

Manufactured from high grade stainless steel with polished, 100mm tailpipes (see photo).

The system is supplied from the catalyst back (ie centre silencer & tailpipes). It provides a business like (for V8) exhaust note at lower revs and increases power output due to the FREE-FLOW silencer design. For motorway cruising however, the system is no noisier than standard.

Please note that for pre-'96 (RH exit) vehicles, the rear apron requires a cut-out (easy) and bracket adaptation for the LH tailpipe.

Sports System (exc. cats) -

V8 - 4.0/4.6 litre (1) RA1088

Includes fittings, comprises centre silencer & twin exit large bore tailpipes. Excludes catalysts. Automatic or manual.

Sports System (exc. cat) -

Diesel - 2.5TD litre (1) RA1088D

Includes fittings, comprises centre silencer & twin exit large bore tailpipes. Excludes catalyst. Automatic or manual.



Sports Catalyst V8 Models - Stainless Steel

Not shown. For customers looking to further improve the performance of their V8 Range Rover, we can offer a very high quality sports catalyst assembly. Not cheap, but it will enhance power output at all revs. Full details on request.

Sports Catalysts -

V8 - 4.0/4.6 litre (1) ESR4095SPORT

S E R I E S 2 A C C E S S O R I E S



ORIGINAL NUDGE BAR



AFTERMARKET
'A' BAR STC8501P

Nudge Bars

Nudge bars

original equipment

Nudge bar assy - inc corner hoops **STC8500**

A-bar only **STC8501**

corner hoops (pr) **STC8873**

Conversion kit for STC8501.

headlamp slats **STC7599**

For corner hoops (not shown).

Aftermarket

'A' bar -

2" tube (black nylon coated) **STC8501P**

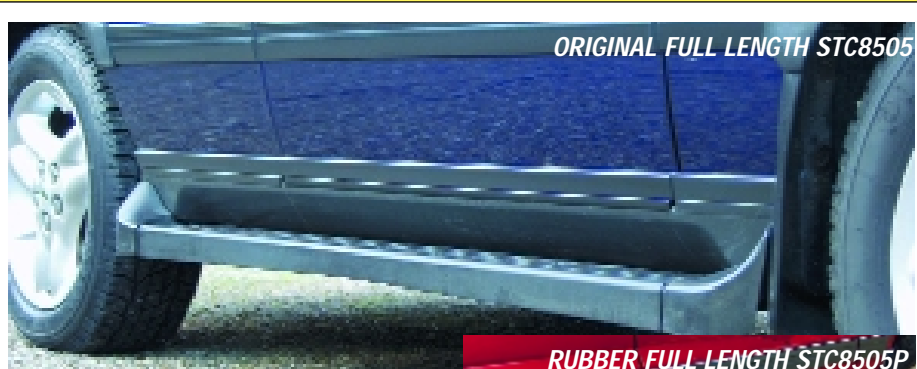
2" tube (stainless steel) **STC8501PSS**



RUBBER 3/4 LENGTH STC8505PQ



S/STEEL 3/4 LENGTH STC8505SS



ORIGINAL FULL LENGTH STC8505

RUBBER FULL LENGTH STC8505P

Side Runners

Side Runners (pair)

original equipment (rubber) **STC8505**

For use with mudflaps STC8535 (if not already fitted).

Aftermarket

rubber - full length **STC8505P**

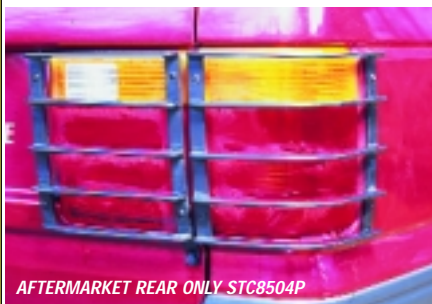
Inc. end caps

rubber - 3/4 length **STC8505PQ**

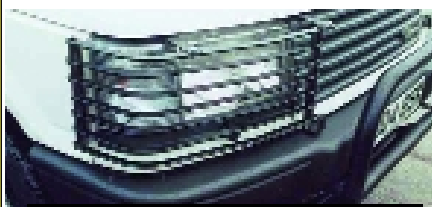
stainless steel - 3/4 length **STC8505SS**



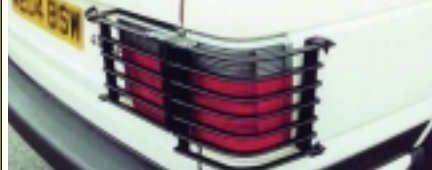
ORIGINAL REAR LIGHT GUARD STC8504



AFTERMARKET REAR ONLY STC8504P



AFTERMARKET SET STC8503-4P



Light Guards

Light guards
 original equipment
 front (pair) STC8503
 rear (pair) STC8504
 Aftermarket
 vehicle set (hinged) STC8503-4P
 rear only STC8504P

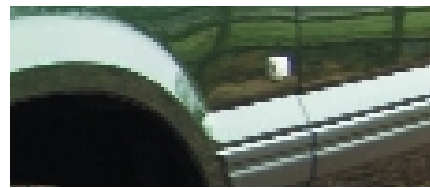


LAMP UPGRADE KIT RA1342

Lamp Upgrade Kits

Lamp upgrade kit - 2000 model year
 Upgrade your vehicle to the latest specification with these original equipment, grey lens, lamps, easy to install.

complete kit RA1342
 Includes headlamps, front indicators, side repeaters and rear lamps.
 part kit RA1341
 Includes front indicators, side repeaters and rear lamps, (no headlamps).



Fog Lamp Kit

Fog lamp kit (original equipment) STC8540
 Spoiler mounted.
 Fits into recesses.
 (Not diesel auto).



3rd Brakelight Conversion Kit

3rd brakelight conversion kit (tailgate)
 Original equipment.
 with ash grey trim RA1430A
 with granite grey trim RA1430G
 with lightstone trim RA1430L

Driving Lamps

Driving lamps RX1512
 Wipac (9" circular). Off-road with plastic 'Wipac 4x4' grille. Supplied as a pair inc H3 100w bulbs. Excellent value for money!



Driving lamps STC8480
 Genuine (9" circular). Safari 5000 style with removable stoneguard. Supplied each.
 Wiring, switch & relay kit sold separately (use STC8884).

SERIES 2 ACCESSORIES

ALLOY WHEEL & WHEEL-TYRE PACKAGES

We offer a superb range of alloy wheels to enhance and upgrade your Series 2 Range Rover. You will find that our combined wheel/tyre packages offer great value for money - and convenience. Special low cost carriage also applies for wheel/tyre sets.

Coming Soon! 20" and 22" wheels - enquire for details!



For tyres see page 96.

SERIES 2 RANGE ROVER

HURRICANE



'Hurricane'

Land Rover alloy wheel (10-spoke)
Silver sparkle, less centre & nuts (8J x 18).

wheel only (each) **RRC111130MNH**
wheel set (4) **RRC111130MNHK**



'Hurricane'

Land Rover alloy wheel (10-spoke) & tyre
Silver sparkle, less centre & nuts (8J x 18).
Fitted with quality 255/55 R18 tyre and balanced.

wheel & tyre (each) **RRC111130MNH**
wheel & tyre set (4) **RRC111130MNHK**



Nuts & centres

Note: existing (Series 2 Range Rover) wheel nuts and centres may be re-used with 18" wheel option. We do however, recommend locking wheel nuts if not fitted.

wheel nuts (standard)
each **ANR3679**
set of 20 **ANR3679K**
wheel nuts (locking)
set of 4 **STC8513**
set of 4 + 16 standard nuts **STC8513K**
wheel centre cap (with logo)
grey (with logo) - each **ANR3522MNH**
green (Land Rover badge) - each **RRJ100140MNH**

MONDIAL



'Mondial'

Land Rover alloy wheel (5-spoke)
Silver sparkle, less centre & nuts (8J x 18).

wheel only (each) **RRC115410MNH**
wheel set (4) **RRC115410MNHK**



'Mondial'

Land Rover alloy wheel (5-spoke) & tyre
Silver sparkle, less centre & nuts (8J x 18).
Fitted with quality 255/55 R18 tyre and balanced.

wheel & tyre (each) **RRC115410MNH**
wheel & tyre set (4) **RRC115410MNHK**



Nuts & centres

Note: existing (Series 2 Range Rover) wheel nuts and centres may be re-used with 18" wheel option. We do however, recommend locking wheel nuts if not fitted.

wheel nuts (standard)
each **ANR3679**
set of 20 **ANR3679K**
wheel nuts (locking)
set of 4 **STC8513**
set of 4 + 16 standard nuts **STC8513K**
wheel centre cap (with logo)
grey (with logo) - each **ANR3522MNH**
green (Land Rover badge) - each **RRJ100140MNH**

TRIPLE SPORT



'Triple Sport'

Land Rover alloy wheel (6-spoke)
Silver, less centre & nuts (8J x 18).

wheel only (each) **STC8516**
wheel set (4) **STC8516K**



'Triple Sport'

Land Rover alloy wheel (6-spoke) & tyre
Silver, less centre & nuts (8J x 18).
Fitted with quality 255/55 R18 tyre and balanced.

wheel & tyre (each) **STC8516T**
wheel & tyre set (4) **STC8516TKT**



Nuts & centres

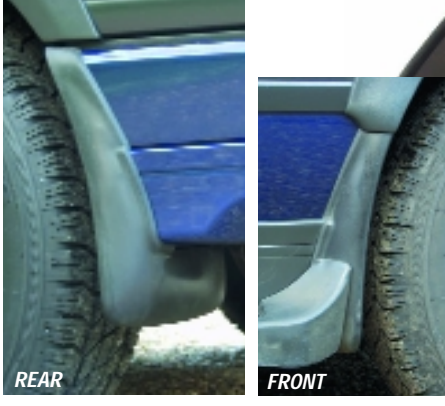
Note: existing (Series 2 Range Rover) wheel nuts and centres may be re-used with 18" wheel option. We do however, recommend locking wheel nuts if not fitted.

wheel nuts (standard)
each **ANR3679**
set of 20 **ANR3679K**
wheel nuts (locking)
set of 4 **STC8513**
set of 4 + 16 standard nuts **STC8513K**
wheel centre cap (with logo)
grey (with logo) - each **ANR3522MNH**
green (Land Rover badge) - each **RRJ100140MNH**

S E R I E S 2 A C C E S S O R I E S

Mudflap Kit

Mudflap kit (original equipment)
 front (pair) **STC8535**
 rear (pair)
 to June '96 (rh exit tailpipe) **STC8536**
 July '96 on ('97 MY) **STC7703**



REAR

FRONT

REAR MUDFLAPS SHOWN



Tow Bar Kit

Tow bar kit
 hoop type **STC8543AA**
 quick release type **STC8939**



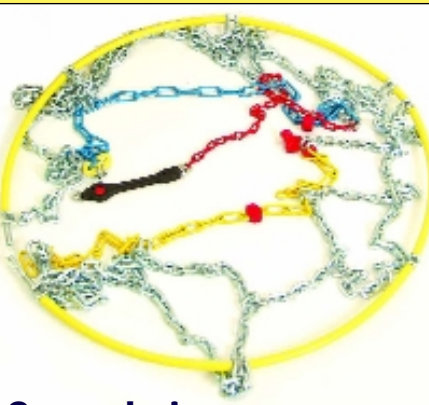
Wheel Arch Protectors

Wheel arch protectors **STC8514**
 Original equipment
 Set of 4, rubber (glue-on).
 Use with front mudflap kit STC8535, if not already fitted.
 Adhesive sold separately (STC7613).



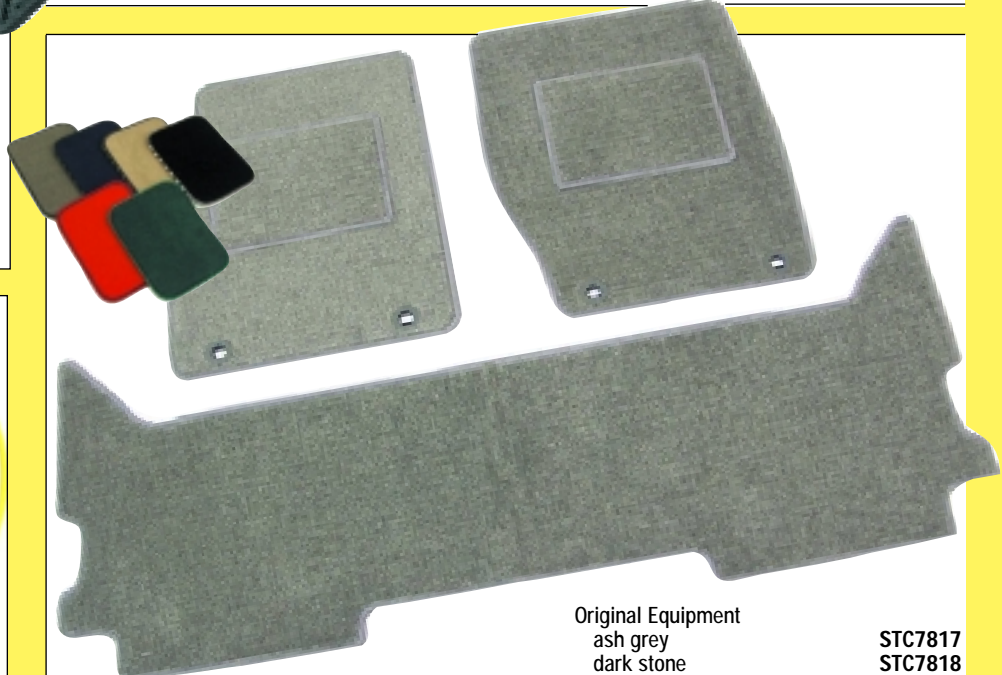
Rubber Overmats

Rubber footwell overmats - all models (OE)
 front & rear (set 4) **STC8520AA**
 front only (pair) **STC8890AA**



Snowchains

Snowchains (pair)
 for 235x16 tyres **STC8518**
 for 255x16 & 255x18 tyres **STC7565**



Velour/Carpets Overmats

Velour/carpets footwell overmats -
 all models - car set
 Aftermarket **RA1431**
 Colours available: black, blue, beige, grey, red, green.

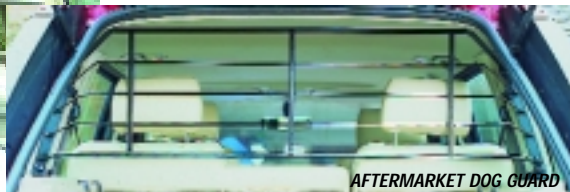
Original Equipment
 ash grey **STC7817**
 dark stone **STC7818**
 granite grey **STC7815**
 saddle **STC7816**
 walnut **STC50272AAT**
 red **STC50272AWW**
 blue **STC50272RGH**
 green **STC50272WDB**



ORIGINAL DOG GUARD

Dog Guard

Dog guard	
original equipment	STC8524
<i>Mounts on brackets fitted to headlining.</i>	
Aftermarket	STC8524P
<i>Mounts on pillars</i>	



AFTERMARKET DOG GUARD



Seat Covers

Seat covers (waterproof)	
Aftermarket - front & rear set	RA1432
<i>Armrest covers not included.</i>	
<i>Colours available: grey, black, beige, blue, red, green.</i>	
Original equipment	
<i>Colours available: grey, black, saddle, lightstone.</i>	
front (pair)	
to '98 (pre-side airbag)	STC8522
'98 on (with side airbag)	STC50189
rear (pair)	STC8523

Fuel Tank Guard

Fuel tank guard	RA1429
<i>6mm thick aluminium, protects fuel tank, air suspension tank and gearbox. (no drilling required).</i>	



Load Space Protector

Load space protector	STC8525
<i>Includes tailgate protector STC8894 (not shown).</i>	
Tailgate protector	STC8894
<i>Not shown.</i>	

Load space mat	
rubber (OE)	STC8526
<i>Not shown.</i>	
velour/carpet	STC8526P
<i>Colour available: black, blue, beige, grey, red, green.</i>	
Load retention system	STC8530
<i>Not shown. Includes 4 lashing eyes, 2 ratchet straps & luggage net.</i>	



MISCELLANEOUS LAND ROVER ACCESSORIES

<i>NOT SHOWN</i>	
Lower body protector graphics	STC8515
<i>Inc. bottom of tailgate.</i>	
Headlamp wash/wipe system	STC8544
<i>Compete kit.</i>	
Roof rails & crossbars	STC50101
Roof sports bars (pair)	STC50252
Ski carrier attachment	STC50184
<i>Fits either STC50101 or STC50252.</i>	
Rear bike carrier	STC8163
<i>OE type, mounts on factory hoop type towbar STC8543AA</i>	
<i>Bike carrier adaptor STC8510AB also required.</i>	
Trailer board	RX1513
<i>Use with bike carrier if required.</i>	
Luggage rack	STC50176
<i>Fits onto roof sports bars STC50252.</i>	
Luggage box (roof)	STC50149
<i>See also classic Range Rover top box STC50149P.</i>	
Security box	STC8532
<i>Moulded, lockable case. Fits in side of loadspace.</i>	
Electric winch	STC7878
Cover for electric winch	STC7881
Tow rope	STC8919
'S' type electrics & split charge kit	STC8875



Interior Wood Trim Kit

Interior wood trim kit	RA1433
<i>Replacement type kit to suit your vehicles' specification. Available to order.</i>	

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For membership details please contact;

Nigel Webster (Membership Secretary)

The Range Rover Register,

The Elms, Abbey Road, Revesby, Boston, Lincolnshire, PE22 7NX.

(These details were correct at the time of going to press)

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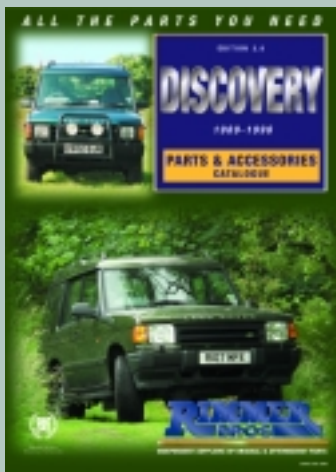
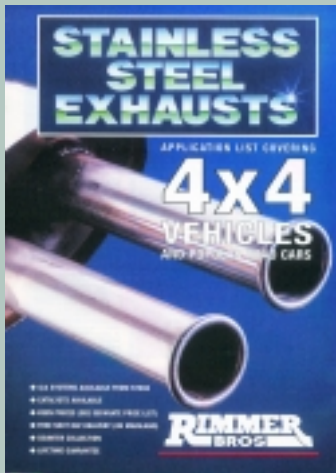
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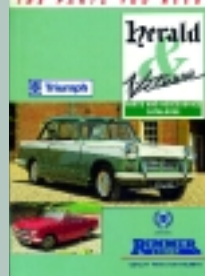
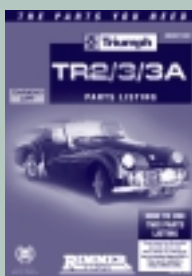
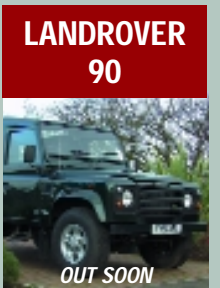
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