

ALL THE PARTS YOU NEED



EDITION 2.0

DISCOVERY

1989-1998

**PARTS & ACCESSORIES
CATALOGUE**



BRITISH MOTOR
HERITAGE APPROVED

RIMMER BROS

INDEPENDENT SUPPLIERS OF ORIGINAL & AFTERMARKET PARTS

SOURCE CODE DCM2

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 ACKNOWLEDGEMENTS
Many thanks to Mick Caswell and Duckworths Land Rover for making these vehicles available to us.

HELPING YOU CARE FOR YOUR DISCOVERY

Since the early 1980s, Rimmer Bros have specialised in supplying parts for classic Triumph cars. In addition, we have been supplying stainless steel exhaust systems for Land Rovers and other four-wheel-drives since 1984. In 1993, we added to our range of mail order parts catalogues when we began stocking parts for the Rover SD1.

Then, in the summer of 2000, to celebrate 30 years of Range Rover production, we launched our comprehensive parts catalogue for the Classic Range Rover. This was a natural progression, not only because Range Rover vied for showroom space alongside Triumph Stags and Rover Vitesse during its 30 years, but also because a vast number of Range Rovers were powered by the Rover V8 engine, a subject in which we specialise!

Which brings us to this, our latest catalogue. We could hardly ignore the Discovery when we already specialise in the Rover V8 engine and stock a comprehensive range of parts for the Range Rover.

This catalogue, caters for all Discovery models produced between 1989 and 1998. These vehicles have become known as 200 series (1989 to 1994) and 300 series (1994 to 1998), after the 200 & 300Tdi diesel engines fitted during the respective periods of production. They have sold in huge quantities, proven themselves as working vehicles and family cars, school-run favourites and rugged off-roaders and, along the way, established a cult following.

Our customers are owners, garages and other specialists looking for a fast, reliable source of original and high quality aftermarket parts and accessories, available by mail order. We have the latest technology to ensure orders are processed instantly and despatched promptly to wherever you are - UK, or worldwide.

Our aim with this catalogue is to apply our unique mail order parts service to the Discovery, helping 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. Prices are listed in our separate Price Guide. If the parts you require are not shown, please contact our sales office, where our staff will be pleased to check availability and price for you.

Although this catalogue caters for all Series 1 Discovery to 1998, we can also supply parts and accessories for the Series 2 model, 1998 onwards. Please enquire if you have any specific requirements.

Our Series 2 catalogue will be published in due course.

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 looking after your Discovery and Range Rover, we also specialise in Triumph - TR2-TR8, Stag, Spitfire, GT6, 2000/2500/2.5Pi, Herald, Vitesse, Dolomite & Rover SD1.

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

RA, RB, RD & 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
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(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 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.

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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LAND ROVER *Discovery*

If the Land Rover utility initiated the Solihull 4x4 line in 1948, it was the Range Rover which broadened its possibilities in 1970. But the vehicle which finally took the Land Rover marque into the mainstream car market was the Discovery, announced in 1989.

1989

Today, early Discoverys are at the very core of the Land Rover enthusiast movement, and the vehicle's sales success as a current model has been eclipsed only by the less expensive Freelander, which provided Land Rover with a fourth model-line from 1998.

Two key factors brought the Discovery into being. The first was the sudden collapse of Land Rover's traditional overseas markets for its utility vehicles in the early 1980s. Partly caused by political changes, this was made worse by the overseas expansion of the Japanese motor industry, which seized on its opportunity and undercut Land Rover's prices. The second key factor was the rapid rise of the family 4x4 market during the 1980s. Ironically, it was the Range Rover which had demonstrated the potential here (though it was not then really a family-oriented vehicle) and the demand which Solihull was unable to meet was satiated by cheaper 4x4 vehicles – again from the Japanese manufacturers.

Land Rover management settled on a strategy which involved moving the Range Rover up-market into the luxury class and tackling the family 4x4 market head-on with a new product at a price to compete with the Japanese. This strategy was agreed in 1985-1986, and the new vehicle had to be on sale in 1989 if Land Rover was to meet its business targets. So the Discovery was developed with record speed, both cost and time being saved by building it on the chassis of the existing Range Rover.

It was important in the beginning to create an image for the Discovery which was very different from that of the Range Rover. So the first Discoverys had "three-door" bodies (with two side doors and a tail door) and large, colourful side decals intended to give them a fresh and youthful appeal. Their bright Sonar Blue upholstery reinforced the message, and a wide range of custom-designed accessories enabled buyers to personalise their vehicles to a high degree. A bargain-basement entry-level showroom price was a further help. At this stage, petrol Discoverys had the carburettor 3.5-litre V8 engine which had been gradually replaced in Range Rovers by more powerful injected engines in the mid-1980s. But relatively few people were attracted by this thirsty engine, and most Discoverys had the new 200 Tdi turbocharged direct-injection diesel which, though fairly noisy, was both gutsy and frugal. Whichever engine was fitted, the gearbox was always a five-speed LT77 type.

1990-1991

The first 12 months of Discovery sales allowed the vehicle to create its own image, and also enabled Land Rover to reposition the Range Rover more firmly in a higher price bracket. With the 1991 models, introduced in autumn 1990, the company's real strategy for the Discovery became clear.

For the 1991 season, the original three-door models were supplemented by five-doors (four side doors plus one tail door). More soberly dressed, these were aimed squarely at the family buyer, but benefited from the youthful and adventurous image which the three-doors had already established. A Bahama Beige trim option toned down the interior, and side decals were absent for most markets. While the Tdi remained the more popular engine choice, the carburettor V8 disappeared in favour of a more powerful, injected 3.5-litre engine. Models with this were called V8i types.



1995-1998

Relatively few changes were made to the classic Discovery over the remaining years of its life. However, Land Rover did play mix-and-match with the options in order to create new variants, and a notable one was the sporty XS five-door which was announced in mid-1995. Distinguished by special upholstery, special side graphics and special wheels, this model had its own appeal – though in truth its sporting pretensions were all in the eye of the beholder.

These, though, were difficult years for Land Rover. The runaway success of the Discovery forced the company to increase production volumes, and the assembly lines were stretched to the limit. It was perhaps no surprise that this extra pressure on production led to an increased number of assembly problems, and Discovery build quality took a nose-dive in the mid-1990s. There were well-publicised failures of the R380 gearbox, water leaks into the body, and dashboards which curled up in the sun. Land Rover's owners since 1994, the German BMW company, publicly described these failings as a disgrace.

This was the period of special editions which helped to keep alive sales of a vehicle which was now in its final years. There were dozens of different ones, each one designed to appeal to a particular market segment in the country where it was released. In Australia and North America, new model names (S, SE and SE7) appeared on the vehicles, and in Britain the un-badged mid-range model gained GS badges for 1998. Right at the end, "50th Anniversary" editions in various countries celebrated 50 years of the Land Rover marque – but it was time for the first-generation or classic Discovery to move over.

1992

The five-doors helped the Discovery to surpass Land Rover's own sales expectations of the Discovery, and from now on changes to the Discovery were driven by customer demand rather than by Land Rover's own assumptions about what would sell. So from mid-1992 a four-speed automatic option was introduced for those who wanted it, but with the V8 engine only.

1993

For markets where high taxes made the V8i unsaleable but customers wanted petrol engines, Land Rover next introduced a 2-litre four-cylinder engine developed from the T-series used in Rover cars. Discoverys with this were known as Mpi models (the letters stood for Multi-point injection), and the engine remained available until 1996 – always with manual transmission – although it was never a strong seller.

Meanwhile, the V8i models switched to the more powerful 3.9-litre engine already used in the Range Rover. Also made available for the 1994 models introduced in mid-1993 was the combination of Tdi diesel engine and four-speed automatic gearbox. This was also the year when the Freestyle Choice option of front-and-rear anti-roll bars with alloy wheels on lower-profile tyres brought improved on-road handling to the Discovery. And from the spring, customers could buy a Discovery Commercial, based on the three-door model and as stylish a van as any business could wish for.

1994

The Discovery was not originally designed with the North American market in mind, but buying patterns across the Atlantic and the vehicle's mass acceptance in Europe and elsewhere persuaded Land Rover to look for further sales there. However, the original Discovery needed further development before it could be sold in North America. In particular, it needed more luxury features and it needed airbags to meet US safety legislation. So by March 1994, a facelifted Discovery was ready, incorporating all these features and many others. In most markets, these new models were known as 1995 models.

The airbags – optional on most models outside North America – were incorporated into a redesigned fascia. There were cosmetic changes front and rear (mainly affecting the lamps), and new upholstery fabrics. These included leather for the first time, which was made standard on a new top model called the ES.

Outside North America, the most important change was to the much more refined 300 Tdi diesel engine – a development of the 200 Tdi which offered no more power or torque but could meet forthcoming emissions legislation. All Discoverys with manual gearboxes gained the slicker R380 type in place of the older LT77 (which had become an LT77S in 1991 when its synchromesh was improved).

Some people call the 1995 and later model Discoverys "300 series" types after the 300 Tdi engine. However, Land Rover never used that name and it is clearly inappropriate for the V8i and Mpi models built in this period.

Series II

In its place came the radically redeveloped Series II range. Still looking like a Discovery with the characteristic stepped roofline, the new models nevertheless took Land Rover's mid-range model into new territory. As the Range Rover moved up-market once again and the Freelander arrived to occupy the bottom end of the Discovery's traditional market, so the new Discovery moved almost imperceptibly up the market itself.

With the Series II Discovery, Land Rover had succeeded in moving the Discovery into the price bracket once occupied by the Range Rover, but also in bringing with it the wider audience which the original Discovery had created. And that Series II Discovery – a thoroughly excellent vehicle in every respect – will no doubt one day occupy a place in enthusiasts' hearts like the one which the original of the breed does now.

James Taylor

Editor - LAND ROVER enthusiast magazine

Author, - Land Rover Discovery, 1989-1998



VEHICLE PRODUCTION & SPECIFICATION SUMMARY

	V8 Carburettor	V8 3.5 efi	V8 3.9 efi	200 Tdi	300 Tdi	2.0 Mpi
UK SPECIFICATION						
PRODUCTION INFO						
Manufacture Dates	Sept '89 - Sept '90	Oct '90 - Sept '93	Sept '93 - Nov '98	Sept '89 - Mar '94	Mar '94 - Nov '98	June '93 on
Chassis No. Prefixes (3 dr) (5 dr)	SALLJGBV7 n/a	SALLJGBL7 SALLJGML7	SALLJGBM7 SALLJEMM7	SALLJGBF7 SALLJGMF7	SALLJGBF7 SALLJGMF7	SALLJGBY7 SALLJGMY7
Engine No. Prefixes	27G	22D, 23D & 24D	35D, 36D, 37D & 38D	12L	17L, 18L, 19L, 20L, 21L & 22L	20T4HG
Manual Gearbox (5sp)	LT77	LT77S	LT77S/R380	LT77/S	R380	LT77S/R380
Auto Gearbox (4sp)	n/a	ZF4HP22	ZF4HP22	ZF4HP22	ZF4HP22	n/a
Body Type	3 door only	3 & 5 door	3 & 5 door	3 & 5 door	3 & 5 door	3 & 5 door
PERFORMANCE						
Engine Capacity (cc)	3,528	3,528	3,947	2,495	2,495	1,994
Power (bhp @ rpm)	144 @ 5000	163 @ 4750	180 @ 4750	111 @ 4000	111 @ 4000	134 @ 6000
Torque (lb/ft @ rpm)	192 @ 2800	211 @ 3000	230 @ 3100	195 @ 1800	195 @ 1800	140 @ 3600
Top Speed (mph)	95	105	105 (auto)	92	90 (auto)	98
Acceleration (0-60 mph, secs)	12.8	11.7	11.8 (auto)	17	18.9 (auto)	15.3
Ave Fuel Cons (mpg)	14	16.5	17 (auto)	24	26 (auto)	22

DIMENSIONS & WEIGHTS (ALL VEHICLES)

Length: 4521mm (178")

Width: 1793mm (70.6")

Wheelbase: 2540mm (100")

Kerb Weight: 1977kg (4350lb)

VEHICLE IDENTIFICATION

To ensure the parts that you order are correct for your Discovery, you will need to know exactly when the vehicle was manufactured. Although the registration document will tell you when it was first registered, this may have been some time after it was actually built. The most accurate way to determine your Discovery's age (along with information relating to its specification) is by the chassis number (also called the VIN - Vehicle Identification Number). You can find this number on your registration document, as well as two different places on the vehicle:

1. On a plate riveted to the panel in front of the radiator.
2. Stamped onto the chassis, front right hand side, visible inside the wheelarch just forward of the road spring.

The VIN number contains details about where your vehicle was manufactured, the year of manufacture and also the vehicle specification (see the chart above). The VIN number for a 1990, 3 door V8 would begin **SALLJGBV7GA**, followed by the 6-figure serial number. This information is broken down as follows:

SAL	Manufacturer code for Land Rover
LJ	Vehicle code for Discovery
G	Type code = standard 100 inch wheelbase
B	Type code = 3 door body
V	Engine code = 3.5, carb V8
7	Steering & transmission code = rhd 5sp manual
G	model year = 1990
A	Assembly location = Solihull

Model year codes

(note: from 21 April 1995, an additional series of VIN numbers was introduced, starting with MA500000, and running alongside the existing numbers)

GA	1990 Oct 1989 to Sept 1990
HA	1991 Oct 1990 to Sept 1991
JA	1992 Oct 1991 to Sept 1992
KA	1993 Oct 1992 to Sept 1993
LA	1994 Oct 1993 to March 1994
MA	1995 April 1994 to Sept 1995
TA	1996 Oct 1995 to Sept 1996
VA	1997 Oct 1996 to Sept 1997

YOUR VEHICLE DETAILS

ENTER YOUR VEHICLE DETAILS HERE FOR EASY REFERENCE

Model	.....
Year of Manufacture	.....
VIN/Chassis Number	.....
Engine Type/Size	.....
Engine Number	.....
Gearbox Type (Man, Auto)	.....
Gearbox Number	.....
Transfer Box Number	.....
Front Axle Number	.....
Rear Axle Number	.....
ABS or Non-ABS	.....

DISCOVERY POPULAR PARTS

This section helps you to quickly find the parts which are most commonly needed for a service, including filters, gaskets and drive belts.

Each part is listed again under its relevant section, or you can refer to the index at the back of this catalogue.

Service Items

Oil filter;		
V8 (all models)	(1)	ERR3340
200/300Tdi	(1)	ERR3340
2.0 Mpi	(1)	STC974
Sump plug washer;		
V8	(1)	603659
200/300Tdi	(1)	213961
2.0Mpi	(1)	UAM2857
Air filter element (standard); See also K&N filters (Fuel System).		
V8		
carburettor	(2)	605191
efi		
up to VIN LA081991 (1994)	(1)	RTC4683
<i>Cylindrical air cleaner.</i>		
VIN MA081992 (1995) on	(1)	ESR1445
<i>Square-type air cleaner.</i>		
2.0 Mpi	(1)	ESR1445
200Tdi		
up to VIN JA018272 (1992)	(1)	NTC1435
VIN JA018273 (1992) on	(1)	ESR1049
300Tdi	(1)	ESR1445
Seal - V8 carb air filter	(4)	RTC5888
O'-ring - V8 efi airflow meter seal	(1)	NTC3354
Fuel filter;		
V8 engines		
carburettor	(1)	NRC9786
efi	(1)	ESR4065
2.0 Mpi engine	(1)	ESR4065
diesel engines		
<i>Filter element & seal.</i>		
heated	(1)	RTC5938
non heated	(1)	AEU2147
Element & seal - fuel filter V8 carburettor.	(1)	JS660L
'O'-ring - pipe to filter Efi filter	(2)	ESR259
Switch - heated filter	(1)	STC612
Filter/sedimentor - diesel	(1)	NRC9708
Seal - sedimentor;		
upper	(1)	AAU9903
lower	(1)	AAU9902
Breather filter - V8 rocker cover;		
foam element	(1)	ERC3209
plastic cap	(1)	ERC3208
Distributor cap - V8		
original type	(1)	GDC117P
Mallory type	(1)	RB7469
Rotor arm;		
original type	(1)	GRA117P
Mallory type	(1)	RB7472
Condenser - Mallory distributor	(1)	RB7471
Pick-up & baseplate - distributor;		
carb engines	(1)	RTC5090
efi engines		
up to VIN MA094072 (1995)	(1)	RTC5090
VIN MA094073 on	(1)	STC2898
Plug lead set - V8;		
original	(1)	RTC6551
performance (silicone)	(1)	GHT182S

Spark plug;		
V8		
3.5 litre	(8)	GSP4362
3.9 litre		
N9YC	(8)	GSP4362
<i>High compression, non catalyst.</i>		
RN12YC	(8)	GSP4382
<i>Low compression & catalyst engines.</i>		
RN11YC	(8)	GSP6462
Mpi	(4)	NLP10003

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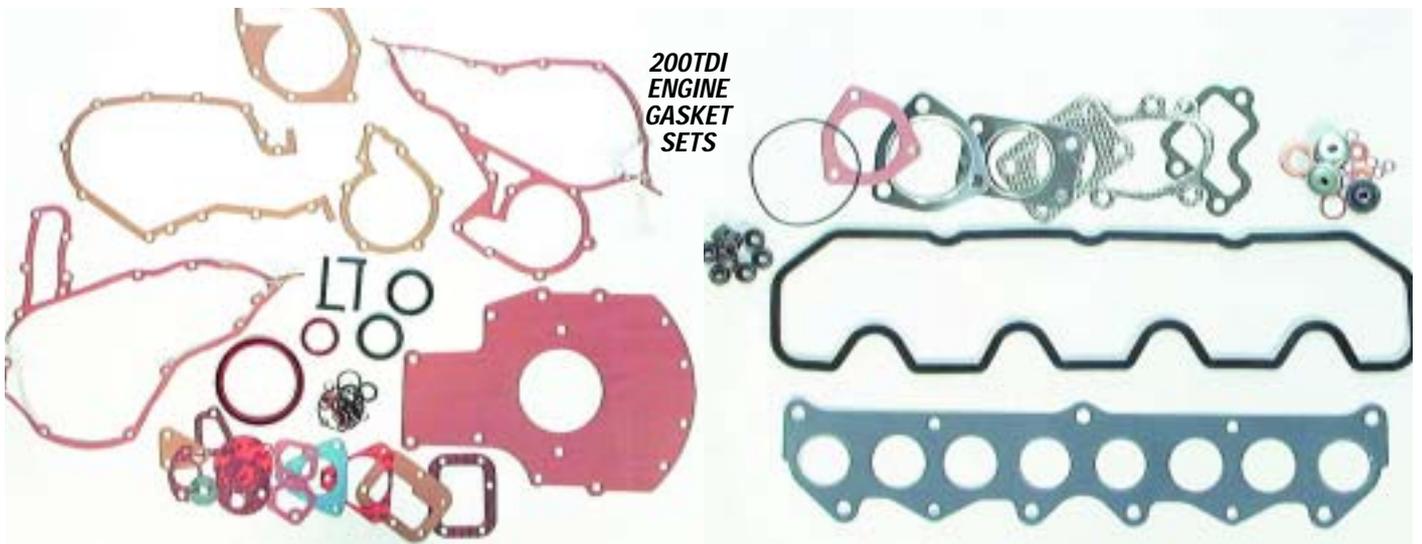
If the part you require is not listed here, please phone and enquire. By now we might well have it. For prices, terms & conditions etc, please refer to our latest price guide.



Service Fluids & Lubricants

Antifreeze;		
1 litre	(1)	GAC2018
5 litre	(1)	GAC2019
Automatic transmission fluid (ATF); <i>Also suitable for power steering systems.</i>		
0.5 litre	(1)	GGL175
5 litres	(1)	GGL505
EP90 gear oil - 0.5 litre	(1)	GGL190
Swivel grease (sachet)	(2)	STC3435
<i>For use instead of EP90 in swivel housings. Comes in pre-measured dispenser sachet. Once-only application - no need to top-up.</i>		
Brake fluid;		
Unipart DOT 3 (1 litre)	(1)	GBF103
silicone		
0.5 litre	(1)	RX1327
1 litre	(1)	RX1326
Brake cleaner - aerosol	(1)	GBF901





**200TDI
ENGINE
GASKET
SETS**

Gaskets & Oil Seals - V8

Head gasket set

- 3.5 litre (to 1990)
 - tin head gaskets (1) **GUG1066HS**
 - composite head gaskets* (1) **GUG1066HSC**
- 3.9 litre (1990-94)
 - 3 rows of cylinder head bolts.
 - tin head gaskets (1) **RB7447**
 - composite head gaskets* (1) **RB7447C**
- 4.0 & 4.6 litre (1995 on) (1) **RA1233**
 - 2 rows of cylinder head bolts with composite head gaskets.

*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).

Head gasket only

- 3.5 litre (to 1990)
 - tin gasket (2) **GEG340**
 - composite gasket* (2) **GEG340C**
- 3.9 litre (1990-94)
 - tin gasket (2) **RB7448**
 - composite gasket* (2) **RB7448C**
- 4.0 & 4.6 litre (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).

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;
 - all models to 1991 (1) **GUG1538CS**
 - all models 1992 onwards (1) **STC1639**
- Sump gasket only (all models) (1) **AJM539**
- Seal - rear main bearing cap **611089**
 - Cruciform seal.
- Crankshaft oil seal (rear) (1) **ERR2640**
- Timing cover oil seal (front) (1) **ERR6490**
- Timing cover gasket;
 - up to 1994 (VIN LA) (1) **ERR4936**
 - 1995 (VIN MA) on (1) **ERR7280**
- Rocker cover gasket;
 - cork type (2) **GEG436**
 - moulded rubber type (2) **GEG436UPR**

Gaskets & Oil Seals - TDI

Gasket set

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

- 200Tdi
 - upper (1) **STC1172**
 - lower (1) **STC1557**
- 300Tdi
 - upper (1) **STC2802**
 - lower (1) **STC2801**
- Individual gaskets
 - cylinder head gasket
 - 1.3mm (1) **ERR5261**
 - 1.4mm (1) **ERR5262**
 - 1.5mm (1) **ERR5263**
 - rocker cover gasket
 - 200Tdi (1) **ERR2393**
 - 300Tdi (1) **ERR2409**
 - rocker cover bolt seal
 - 200Tdi (3) **ERR663**
 - 300Tdi (3) **ERR3424**
 - Front cover gasket
 - 200Tdi
 - inner (1) **538039**
 - outer (1) **ERR1195**
 - 300Tdi
 - inner (1) **ERR4860**
 - outer (1) **ERR7293**
 - Inlet/exhaust manifold gasket
 - 200Tdi (1) **ERR1208**
 - 300Tdi (1) **ERR3785**
 - Exh' man' to turbo (200Tdi) (1) **ETC7514**
 - Turbo to exhaust (200Tdi) (1) **ETC7513**
 - Side cover plate gasket (1) **ERR2026**
 - Oil pump (200Tdi) gasket (1) **ERC8408**
 - Fuel lift pump gasket (1) **ERR2028**
 - Vacuum pump gasket
 - 200Tdi (1) **ETC4616**
 - 300Tdi (1) **ERR2027**
 - Rear crank seal gasket (300) (1) **ERR6811**
 - Oil seal - crankshaft
 - 200Tdi
 - front
 - inner (1) **ERR6490**
 - outer (1) **ETC4154**
 - rear (1) **ERR2532**
 - 300Tdi
 - front
 - inner (1) **ERR4575**
 - outer (1) **ERR4576**
 - rear (1) **LUF100430**
 - Oil seal - camshaft
 - 200Tdi (1) **ETC5064**
 - 300Tdi (1) **ERR3356**
 - Seal - valve stem (200/300Tdi) (8) **ETC8663**
 - End plug - cyl' head (200Tdi) (2) **ERR765**

Gaskets & Oil Seals - MPI

Head gasket set

- up to engine no. 101828 (1) **LVQ10040**
- engine no. 101829 on (1) **STC3160**
- Engine set (1) **STC848**
- Head gasket only (1) **LVB101000**
- Cam cover gasket
 - inlet
 - up to VIN MA163103 (1) **LVP10006**
 - from VIN TA163104 (1) **LVP100320**
 - exhaust
 - up to VIN KA038821 (1) **LVP10005**
 - VIN KA038822 on (1) **LVP100170**
- Inlet manifold gasket;
 - upper manifold to lower (1) **LKJ10030**
 - lower manifold to engine (1) **LKJ10027**
- Exhaust manifold gasket (1) **LKG10002**
- Rear oil seal - crankshaft (1) **LUL10007**
- Front oil seal - oil pump housing (1) **ADU8891**
- Oil pump housing gasket (1) **LVG10005**
- Sump gasket (1) **LVF10005**
- 'O'-ring seals - water pump (1) **PFQ10001**
 - Includes inner & outer seals.
- Thermostat gasket (1) **PET10014**
- Oil filler cap seal (1) **LUD100040**

Thermostat & Pressure Cap

Thermostat;

- V8
 - 82° (1) **602687**
 - 88° (1) **ETC4765**
- 200Tdi (1) **ERR2803**
- 300Tdi (1) **ERR3291**
- 2.0Mpi (1) **PEL10017**
- Thermostat gasket;
 - V8 - all models (1) **ERR2429**
 - 200Tdi (1) **ERR3682**
 - 300Tdi (housing gasket) (1) **ERR3490**
 - 2.0Mpi (1) **PET10014**
- Pressure cap;
 - V8 carb engines (1) **PCD100150**
 - V8 efi, 200/300Tdi & Mpi (1) **NTC7161**
 - 15psi.

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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.

Drivebelts

Timing belt;		
200Tdi	(1)	ETC8550
300Tdi	(1)	ERR1092
2.0Mpi	(1)	LHN10016

TECHNICAL NOTE

Ancillary Drivebelts

V8 engines up to March 1994 (VIN LA) are fitted with separate drivebelts for each ancillary component, giving a total of four belts when air conditioning is fitted: one each for the water pump, alternator, power steering and air conditioning.

For the 1995 model year, introduced in March 1994 (known as '300 Series'), a single 'serpentine' belt drives all the ancillaries.

200Tdi engines have a common belt for the water pump and power steering and separate belts each for the alternator and air conditioning if fitted.

300Tdi engines (from March 1994) have one belt driving the water pump, alternator and power steering and a separate belt for air conditioning if fitted.

2.0Mpi engines have a single 'serpentine' belt driving all ancillaries.

Water pump drivebelt;		
V8 - carb engines	(1)	611612
V8 - efi engines		
up to VIN LA (1994)	(1)	611612
VIN MA (1995)		
to engs 36D50529 & 38D32139		
non air con	(1)	ERR4461
with air con	(1)	ERR4623
engs 36D50530 & 38D32140 on		
non air con	(1)	ERR6191
with air con	(1)	ERR5579
200Tdi	(1)	ERR810
300Tdi		
up to VIN MA (1995)	(1)	ERR3287
VIN TA (1996) on	(1)	ERR5911
Air conditioning drivebelt;		
V8		
up to 1994 (VIN LA)	(1)	611612
Separate drive belt.		
1995 (VIN MA) to engine 36D50529, also		
engine 38D32139	(1)	ERR4623
engine 36D50530, also engine		
38D32140 on	(1)	ERR5579
"Serpentine" belt.		
diesel		
200 Tdi	(1)	ETC9009
300 Tdi	(1)	ERR2215
2.0Mpi ('serpentine' belt)	(1)	PQS10061
Alternator drive belt;		
V8 - carburettor engines	(1)	ERR2073
V8 - efi engines - up to 1994 (VIN LA)		
V8 engines from 1995 (VIN MA) have a single		
'serpentine' ancillary drive belt.		
See Water Pump Drivebelt.		
3.5 litre	(1)	ERR2073
3.9 litre (to 1994)	(1)	ERR2678
200Tdi	(1)	ETC7469
300Tdi (water pump & alternator)		
up to VIN MA163103 (1995)	(1)	ERR3287
VIN MA163104 on	(1)	ERR5911
Mpi		
with air con	(1)	PQS10061
without air con	(1)	PQS100900
Power steering drive belt;		
V8		
up to 1994 (VIN LA)	(1)	ERC675
With separate belt for p.a.s		
From 1995 (VIN MA), V8 engines are fitted with		
'serpentine' drivebelt - see Water Pump Drivebelt.		
diesel		
200Tdi	(1)	ERR810
300Tdi		
up to VIN MA (1995)	(1)	ERR3287
VIN TA (1996) on	(1)	ERR5911



Cables

Accelerator cable;		
V8 carburettor		
rhd	(1)	NTC7126
lhd	(1)	NTC7535
V8 efi		
rhd	(1)	ANR5328
lhd	(1)	ANR5327
2.0 Mpi		
rhd	(1)	ANR2057
lhd	(1)	ANR2078
200/300Tdi - up to 1995		
rhd		
up to VIN JA031012 ('92)	(1)	NTC7226
VIN JA013013 on	(1)	ANR3606
lhd		
up to VIN JA031011	(1)	NTC7227
VIN JA031012 on	(1)	ANR3606
300Tdi - 1996 (VIN TA163104/TA501919) on		
drive-by-wire		
rhd	(1)	SBB104250
lhd	(1)	ANR4617
cruise control		
rhd	(1)	ANR4513
lhd	(1)	SBB104330
Choke cable - V8 (carbs)	(1)	NTC7723
Grommet - choke cable	(1)	235113
Speedo cable - up to 1994 (VIN LA);		
V8 carb & 200Tdi		
rhd	(1)	PRC9872
lhd	(1)	PRC9873
V8 efi (transducer to speedometer)		
rhd	(1)	PRC9871
lhd	(1)	PRC9871
V8 efi (gearbox to transducer)		
up to VIN HA473731 (1991)	(1)	PRC6320
VIN HA473732 on	(1)	PRC7949
Mpi		
rhd	(1)	PRC9872
lhd	(1)	PRC9873
Bonnet release cable;		
up to VIN MA117986 (1995)	(1)	MXC6324
VIN MA117987 to TA164840, also		
TA502372 (1996)	(1)	ALR7062
VIN TA164841 onwards, also		
TA502373 onwards	(1)	ASR1405



Handbrake Cable

Handbrake cable;		
up to VIN KA055568 (1993)	(1)	NTC9400
KA055569 to LA081991 (1994)	(1)	NTC6125
VIN MA (1995) on	(1)	STC1528

Transmission Brake Shoes

Brake shoe set (pair);		
horizontally mounted shoes	(1)	STC2990
Shoes top & bottom. Up to approx. 1992.		
vertically mounted shoes	(1)	STC1525
Shoes left & right. Approx. 1992 on.		
Retaining kit - brake shoes;		
horizontal shoes	(1)	STC1214
vertical shoes	(1)	STC1532



Wiper Blades

Wiper blade;		
front		
up to VIN WA753922 (1998)	(2)	AMR1805
VIN WA753923 on	(2)	DKC100920
rear	(1)	AMR1806

Bulbs & Fuses

Please refer to Electrical section.

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

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.

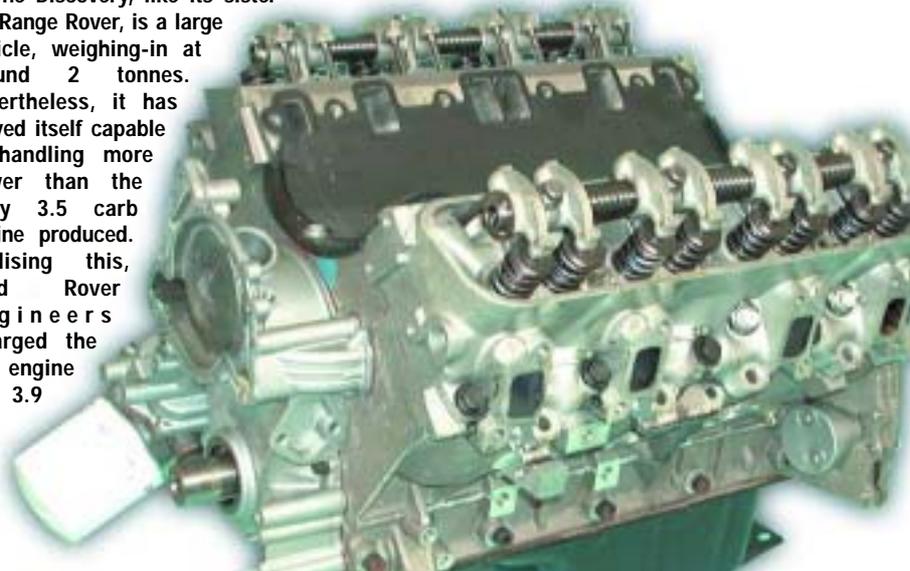
V8 Engine

INTRODUCTION

Only one engine has been fitted to the Discovery continuously from its introduction in 1989 to the present: Land Rover's all-aluminium, pushrod V8. Essentially the same engine as fitted to Rover's big saloons of the sixties and seventies, the V8 has been produced in vast quantities over the years.

The reasons for the engine's tremendous success are obvious: simplicity, reliability, light weight and adaptability: it has been fuel injected, supercharged, turbocharged and run on LPG. It has powered circuit racers, drag racers, rally cars and off-roaders. And last but not least, parts are cheap and readily available.

The Discovery, like its sister the Range Rover, is a large vehicle, weighing-in at around 2 tonnes. Nevertheless, it has proved itself capable of handling more power than the early 3.5 carb engine produced. Realising this, Land Rover engineers enlarged the V8 engine to 3.9



litres, gaining nearly 40% more power & torque with no loss of fuel economy. For the Range Rover even bigger versions of the engine followed, which boosted power & torque without any adverse effect on the long life and reliability of the V8 and proved beyond doubt that the way to more power is to enlarge the engine.

With this in mind, we have developed a range of Standard and Performance specification engines for the Discovery, based on a choice of sizes: 3.5, 3.9, 4.6, 4.8 & 5.2 litres. Power outputs range from 150bhp of the standard 3.5 to over 300bhp from the 5.2 Performance engine, and all will fit into any V8 Discovery.

All you have to do is decide how much power you'd like!

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 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 uprated 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.

Engine Components

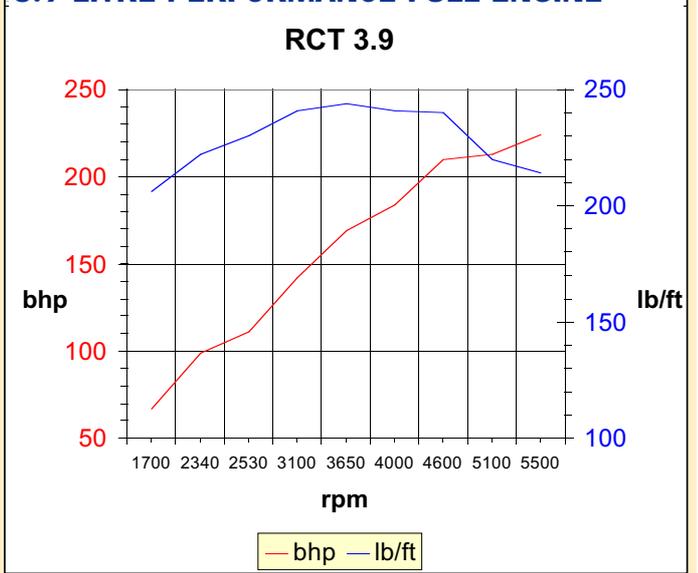
If you would prefer to rebuild or modify your own engine, we list a very comprehensive range of standard and uprated engine components. You will find everything you need in the following pages, from a core plug to a 4.8 litre crankshaft.

Power Outputs

The chart below 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.

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

3.9 LITRE PERFORMANCE FULL ENGINE



DISCOVERY V8 ENGINE NUMBERS

engine no.	details	fuel system	approx. date
27G00001	3.5, lo comp, manual	carb	1989-1991
22D00001	3.5, lo comp, manual	efi	1991-1994
23D00001	3.5, lo comp, auto	efi	1991-1994
24D00001	3.5, hi comp	efi	1991-1994
35D00001	3.9, hi comp, manual	efi	1994 on
36D00001	3.9, hi comp, auto	efi	1994 on
37D00001	3.9, lo comp, manual	efi	1994 on
38D00001	3.9, lo comp, auto	efi	1994 on

V8 Engine Number Identification

We have included a reference chart of V8 engine numbers from 1989 onwards, which will help you to identify the engine fitted to your Discovery. The engine number is stamped on the left hand side of the block deck, adjacent to the dipstick tube.

The chart also contains a brief description of features, such as compression ratio and gearbox type, and also the approximate year. Therefore, if your engine has been changed at some time, it should still be possible to identify it correctly.

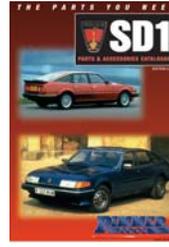
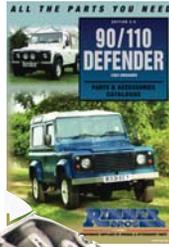
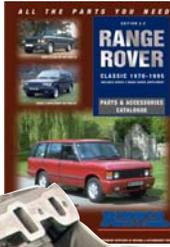
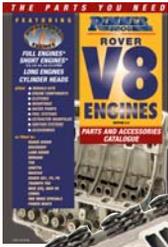
To ensure you receive the correct parts, please have your engine number available before ordering.

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

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.

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

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 an identical type otherwise a surcharge will apply.

All full engines, including 4.6 units, are suitable as direct replacements for any 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 or 3.9 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.

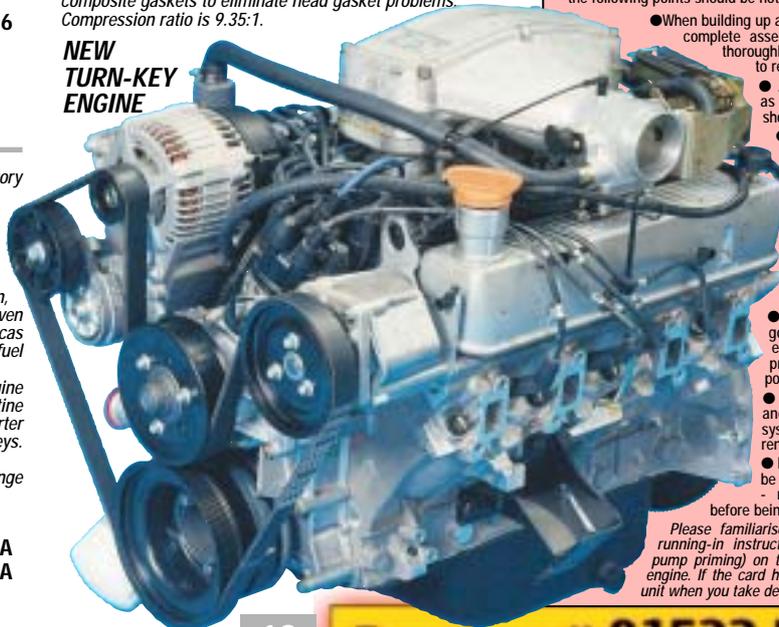
4.6 litre engines are built around latest specification short engine assemblies, which feature larger bearing journals, fully counter-balanced cranks, cross bolting of the main bearing caps (preventing movement at high revs) and careful internal balancing of the short engine assembly.

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 uprated to suit. This catalogue contains a full range of uprated 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 an identical type otherwise a surcharge will apply.

All full engines, including 5.2 units, are suitable as direct replacements for any Discovery 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 or 3.9 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.

ENGINE BUILD-UP NOTES

To avoid contamination from worn-out parts, our full engine assemblies are supplied with sump and timing cover fitted. However, the following points should be noted:

- When building up a short or long engine to a complete assembly, it is essential that you thoroughly examine every part you intend to re-use.
- All ancillary components, such as 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 be flushed of old oil.
- 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 renewed as required.
- Finally, any other components to be re-used - such as rocker covers - must be thoroughly cleaned before being refitted.

Please familiarise yourself with the important running-in instructions (including details of oil pump priming) on the card we supply with every engine. If the 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.

4.0 litre - new short engine

Series 2 Range Rover application.

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.

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) STC1893HC

4.8 litre - new short engine

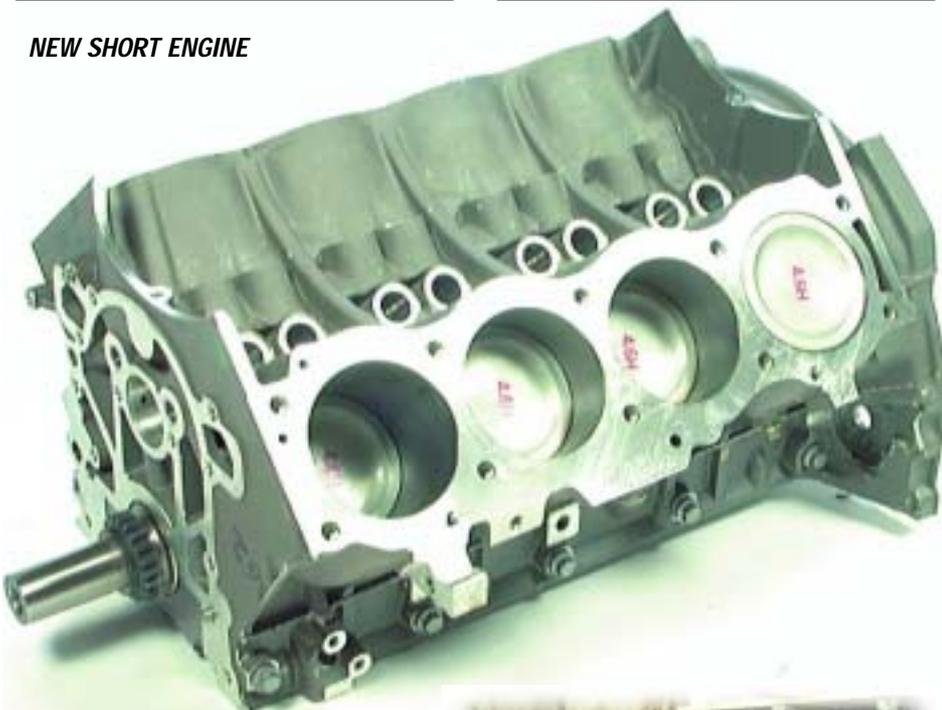
Comprises: new cross-bolted, large bearing block (94mm bore), long stroke (86mm) Billet steel crank, forged pistons, steel conrods, heavy duty bearings, ARP studs (assembled). Less - camshaft & followers.

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.

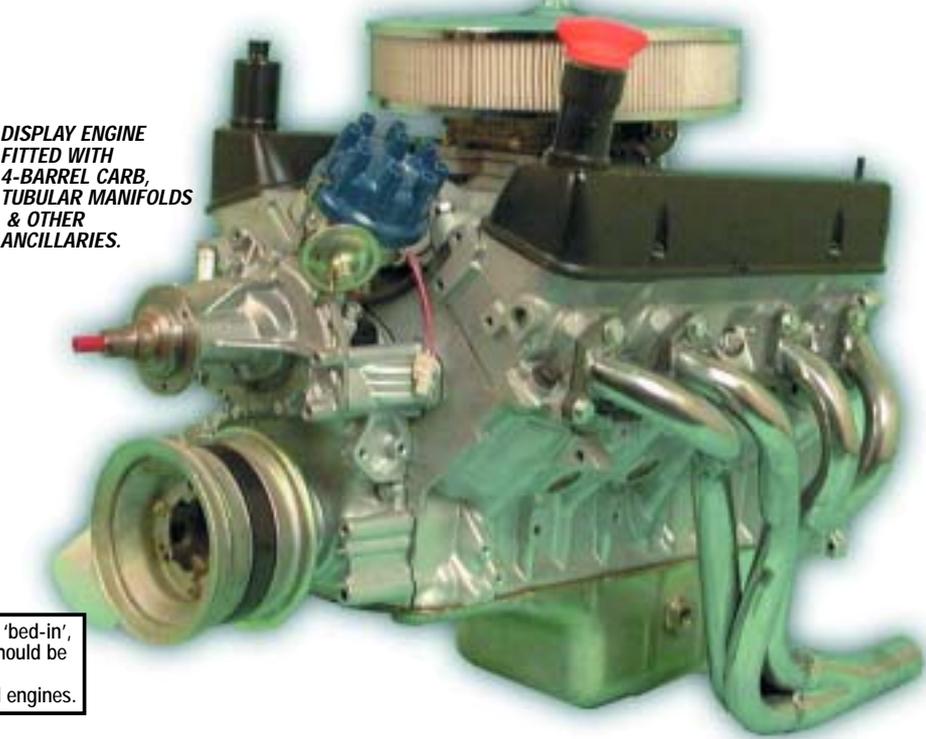
NEW SHORT ENGINE



VALVE SEAT MACHINING



PORTING A PERFORMANCE HEAD



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



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!

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!

These kits include all the components needed for a 3.5 litre engine rebuild or conversion to 3.9 litres. You will need to have any necessary machining work carried out, such as reboring (plus re-sleeving for 3.9 litres) and cylinder head re-facing etc.

The kits are based on the Land Rover V8 engine; please note that your crankshaft is required in exchange. For export customers, the crankshaft can be removed from the kit and a price adjustment made, allowing you to have the grinding done locally.

We can also offer kits using performance components.

Please enquire.

	3.5 LITRE	3.9 LITRE
Part Number	RB2028/3.5	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 ENGINE COMPONENTS

V8 Cylinder Block Components

Cylinder block - bare;		
3.5 litre	(1)	ERC6934
3.9 & 4.2 litre	(1)	ERR7350
4.0 & 4.6 litre	(1)	ERR7349
<i>Series 2 Range Rover type.</i>		
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>		

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>		
5.2 litre	(1)	RB7684

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
5.2 litre	(1)	RB7685

*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



Sump gasket set;		
all models to 1991	(1)	GUG1538CS
all models 1992 onwards	(1)	STC1639
Sump gasket only	(1)	AJM539
Seal - rear main bearing cap	(2)	611089
<i>Cruciform seal.</i>		
Crankshaft oil seal (rear)	(1)	ERR2640
Timing cover oil seal (front)	(1)	ERR6490
Core plug set - all engines	(1)	RB7105
Cam bearing set;		
all engines 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	(2)	129077
<i>Alternative to tap.</i>		
Core plug	(2)	612898
<i>Lower bellhousing flange.</i>		

Bolt - main bearing cap	(10)	602130
<i>All models.</i>		
Stud kit - main bearing cap	(1)	RB7456
<i>Used instead of standard main bearing bolts, studs provide superior clamping for main bearing caps, preventing them from coming loose. (Engine set).</i>		
Cross-bolt - main bearing cap	(9)	FB110137
<i>4.0 & 4.6 litre engines.</i>		
Hex-screw - main bearing cap	(1)	SS110555
<i>4.0 & 4.6 litre engines.</i>		
Oil seal - for FB110137	(9)	ERR3330
Oil seal - for SS110555	(1)	ERR3331
Stud - front of block	(1)	252513
<i>Except 4.0 & 4.6 litre engines.</i>		
Plug - front of block	(4)	602147
Hex-screw - main bearing cap	(1)	603143
<i>Early engines.</i>		
Core plug - rear of block	(1)	154545
<i>Later models - replaces breather.</i>		
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

TECHNICAL NOTE

Composite Head Gaskets

The advantage of using composite gaskets is that they provide a superior seal compared to tin gaskets. However, composite head gaskets are thicker than standard tin gaskets and therefore have the effect of **lowering** the engine's compression ratio when used as a direct replacement. To calculate their effect on your engine's compression ratio, see the figures below.

Other factors which influence the compression ratio are the size of the piston bowl and the combustion chamber in the cylinder head, as well as the amount of material which may have been 'skimmed' from the head faces.

Removing material from the head and block faces in isolation will not compensate for composite head gaskets and may lead to inlet manifold alignment problems.

Approx. thickness:
 Standard tin gaskets 0.5mm
 Composite gaskets 1.2mm

Typical effect on compression ratio:
 Standard tin gaskets 3cc
 Composite gaskets 10cc



V8 Sump Pan/Oil Pick-up & Dipstick

Sump pan	(1)	ERR4633
Sump gasket set	(1)	GUG1538CS
Sump gasket only	(1)	AJM539
Sump bolt/washer	(16)	SH505051
Drain plug - sump	(1)	603659
Washer - sump drain plug	(1)	213961
Oil pick-up strainer	(1)	ERR3677
Oil screen	(1)	602070A
Gasket - pick-up strainer	(1)	90602068A
Setscrew - strainer to block	(2)	253407
Spring washer - setscrew	(2)	GHF331
Dipstick	(1)	ERR1922
Dipstick tube	(1)	ERR4556
O-ring - dipstick tube	(1)	602545

V8 Crankshaft

Crankshaft;

3.5 & 3.9 litre;		
3.9 litre up to the following engine nos only:		
35D08928B, 36D25155B, 37D01932B, 38D27238B.		
new (no shells)	(1)	612989A
reground (Including shells)	(1)	612989R
3.9 litre	(1)	ERR4060
Above engine nos. onwards.		
4.0	(1)	ERR5090
4.6	(1)	ERR5091
4.3 & 4.8 litre 'stroker' kits*;		
See Info box.		
4.3 litre kit	(1)	RB7678
4.8 litre kit	(1)	RB7677

'Stroker' Kits

These kits enable you to enlarge the cubic capacity of your existing engine by increasing the stroke, hence the name 'stroker'. The kits comprise a brand new, high quality crankshaft, conrods and pistons (with bearings and piston rings supplied).

The stroke is increased from the standard 3.5/3.9 engine's 71.1mm to a massive 86mm, (longer than the standard 4.6 litre stroke of 82mm) giving a capacity of 4.3 litres on a 3.5 engine and 4.8 litres on a 3.9 engine. Both engines require a 20 thou rebore before fitting. Finally, a small amount of grinding is required to the bottom of two cylinder liners (full instructions supplied) to allow clearance for crank rotation.

The result of the extra stroke is a huge increase in torque, even on an otherwise standard engine. Alternatively, you have the basis of a high performance engine, to which you can add our fully modified, big valve cylinder heads, uprated camshaft and sports exhaust system.

If you would prefer, you can send us your 3.5 or 3.9 block and we will do the work for you. Please contact our sales department for a fitted price.

Main bearing set;

all models except 4.0 & 4.6 litre engines		
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
4.0 & 4.6 litre	(1)	STC1425
Note: The latest bearing sets feature thrust plates only on the upper half of centre bearing.		

Main bearing set - heavy duty;

all models except 4.0 & 4.6 litre engines		
standard size	(1)	RB7452
oversize + 0.010	(1)	RB7452.010
oversize + 0.020	(1)	RB7452.020

Bolt - main bearing cap	(10)	602130A
All engines.		

Stud kit - main bearing cap	(1)	RB7456
Used in our Performance engines instead of standard main bearing bolts, these ARP studs provide far superior clamping for main bearing caps, preventing them from coming loose. (Engine set).		

Cross-bolt - main bearing cap	(9)	FB110137
4.0 & 4.6 litre engines.		

Hex-screw - main bearing cap	(1)	SS110555
4.0 & 4.6 litre engines.		

Oil seal;		
for FB110137	(9)	ERR3330
for SS110555	(1)	ERR3331

Crankshaft oil seal (rear)	(1)	ERR2640
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Timing cover oil seal (front)	(1)	ERR6490
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Spigot bush - crankshaft	(1)	549911
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Woodruff key;		
all 3.5, 3.9 & 4.2 up to 1992	(1)	90602025A
3.9 & 4.2 1992 onwards	(1)	ERR2846

Crankshaft sprocket - all models	(1)	90602372A
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Bolt - crankshaft pulley	(1)	ERC417A
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Washer - crankshaft pulley	(1)	ERC416A
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V8 CRANKSHAFT & MAINS STUD KIT



V8 Crankshaft Pulley

Reinforcing plate	(1)	602587
Pulley - water pump/alternator belt;		
3.5 litre	(1)	ETC5679
3.9 litre	(1)	ERR4866
Vibration damper;		
3.5 litre	(1)	ETC7340
3.9 litre	(1)	ERR3442
Pulley - power steering belt;		
3.5 litre	(1)	ETC4330
3.9 litre	(1)	ERR2799
Balancing rim;		
3.5 litre	(1)	603301
3.9 litre	(1)	ETC7996
Mud deflector	(1)	613671
Bolt - crankshaft pulley assembly	(6)	BH605141
5/16 UNF x 1 5/8".		
Nut - all models	(6)	NH605041

FLYWHEEL



V8 Flywheel & Driveplate

Flywheel (manual)	(1)	ERR5575
Ring gear - all manual models	(1)	611323A
Bolt - flywheel to crankshaft	(6)	SH607081
Driveplate (automatic)	(1)	FRC7851
Complete assembly.		
Bolt - driveplate to crankshaft	(6)	SS607061
Ring gear (auto)	(1)	603340
Bolt - ring gear to driveplate	(10)	FTC4388
Washer - ring gear bolt	(10)	610736
Spacer - driveplate to crankshaft	(1)	FTC651
Spigot aligner (auto)	(1)	FRC7075
Bolt - spigot aligner (auto)	(4)	BH110111
Washer - spigot aligner bolt	(4)	WL110001
Converter drive plate - auto	(1)	FRC7081
Buttress ring - auto	(1)	FRC7080
Selective shim - torque converter height;		
1986 to New Range Rover.		
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

V8 Pistons

Piston set;		
Piston sets comprise 8 pistons complete with rings & gudgeon pins.		
3.5 litre		
8.13:1 cr		
See Single Piston section for other low comp pistons.		
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
9.75:1 cr		
standard size	(1)	RB7342
oversize + 0.020"	(1)	RB7342.020
oversize + 0.040"	(1)	RB7342.040
10.5:1 cr		
standard size	(1)	RB7309
oversize + 0.020"	(1)	RB7309.020
oversize + 0.040"	(1)	RB7309.040
3.9 litre - standard size;		
8.13:1 cr	(1)	STC908S
9.35:1 cr	(1)	STC909S
4.2, 4.0 & 4.6 litre		See Single Pistons
Single Piston;		
Supplied with rings & gudgeon pin.		
4.2 litre - 8.94:1 cr	(8)	STC1191S
4.0 litre		
Offset gudgeon type - standard size only.		
8.13:1 cr	(8)	ERR5555
9.35:1 cr	(8)	ERR5553
4.6 litre		
Offset gudgeon type - standard size only.		
8.13:1 cr	(8)	ERR5556
9.35:1 cr	(8)	ERR5554

V8 Piston Rings

Piston rings;		
Supplied as engine set.		
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 High & low cr.;		
standard size	(1)	RB7538
oversize + 0.020"	(1)	RB7538.020
4.0 & 4.6 High & low cr.;		
standard size	(1)	STC1427



V8 Con Rod

Con rod assembly;		
3.5, 3.9 & 4.2;		
single		
new	(8)	602082
reconditioned	(8)	602082R
engine set (new)	(1)	602082K
4.0 litre - new	(8)	ERR4837
4.6 litre - new	(8)	ERR5145
Bolt - con rod;		
3.5 3.9 & 4.2	(16)	602609
4.0 & 4.6	(16)	ERR1772
Nut - con rod	(16)	602061A
<i>Not 4.0 & 4.6 litre engines.</i>		
Big end bolt/nut kit	(1)	RB7500
<i>Engine set of high performance ARP forged chrome moly steel bolts & nuts. Not suitable for 4.0 & 4.6 litre engines.</i>		
Bearing set - big end;		
<i>All engines except New Range Rover.</i>		
standard size	(1)	RTC2117
oversize + 0.010"	(1)	RTC2117.010
oversize + 0.020"	(1)	RTC2117.020
oversize + 0.030"	(1)	RTC2117.030
oversize + 0.040"	(1)	RTC2117.040
oversize + 0.060"	(1)	RTC2117.060
Bearing set - big end - 4.0 & 4.6	(1)	ERR1773
<i>Standard size.</i>		
Heavy duty bearing set - big end;		
<i>All engines except 4.0 & 4.6 litre.</i>		
standard size	(1)	RB7451
oversize + 0.010"	(1)	RB7451.010
oversize + 0.020"	(1)	RB7451.020
oversize + 0.030"	(1)	RB7451.030

V8 OIL PUMP COMPONENTS



V8 Oil Pump & Filter

<i>See Technical Note</i>		
Oil pump cover (body)	(1)	BHM1554
<i>To VIN LA081990 (1994). See photo.</i>		
Oil pump cover/remote take-off	(1)	R01105
<i>Very low profile oil pump cover & relief valve housing for maximum clearance. Use with remote oil filter mounting kit.</i>		
Remote oil filter mounting kit	(1)	RB7116
<i>Allows mounting of oil filter away from engine. Kit includes filter housing, hoses & mountings.</i>		
Bolt - pump mounting;		
7/8"	(3)	602910
1 1/4"	(2)	602912
1 9/16"	(1)	602913
Oil pump repair kit	(1)	RTC2044
<i>All models with separate oil pump. Includes pressure relief valve & spring.</i>		
Up-rated pressure relief valve spring	(1)	RB7457
<i>For separate oil pump models. Increases oil pressure by approx. 10 psi.</i>		
Oil pump shaft & drive gear	(1)	ERC1351A
<i>To VIN LA081990 (1994).</i>		
Idler gear - oil pump	(1)	614037
<i>To VIN LA081990 (1994).</i>		
Gasket - oil pump	(1)	90602072A
<i>To VIN LA081990 (1994).</i>		
Blanking plug	(1)	151203
<i>Pressure switch outlet.</i>		
Washer	(1)	STC4104
<i>For blanking plug.</i>		
Oil pressure switch	(1)	AMR2092
<i>All models.</i>		
Washer	(1)	243967
<i>For pressure switch.</i>		
Oil pressure gauge kit	(1)	RX1351
<i>Aftermarket capillary type. Includes gauge & fittings.</i>		
Oil & water pressure gauge kit	(1)	RX1351W
<i>Aftermarket capillary type. Includes oil & water gauge & fittings.</i>		
Bracket - oil pressure gauge	(1)	RB7050
Oil filter	(1)	ERR3340



V8 OIL COOLER & THERMOSTAT

V8 Oil Cooler

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.

Oil cooler kit	(1)	RA1089
<i>All 3.5 litre engines.</i>		
Thermostat - oil cooler	(1)	RS1456
Oil cooler take-off - 3.9 engine;		
manual gearbox	(1)	ERC8501
automatic gearbox	(1)	ERR2490
Adaptor - oil filter	(1)	ERC2226
O-ring	(1)	ERR852



TECHNICAL NOTE

Oil Pump & Timing Cover

There are two types of oil pump for the V8 engine fitted to the Discovery. The first was fitted from 1989 to VIN LA (approx. March 1994) and is a camshaft-driven oil pump, incorporated into the lower right hand of the timing cover, with a removable housing for the relief valve and oil filter.

From VIN MA (April 1994), the oil pump was changed to a crank-driven type, incorporated into a redesigned timing cover without the need for a separate relief valve housing.

The two types are not easily interchangeable, as the later design requires a longer crankshaft nose to accommodate the oil pump gears.

OIL PUMP COVER, BHM1554



CYLINDER HEADS

V8 Standard Cylinder Heads

Cylinder head assembly (recon);

Exchange.
Complete with new valves, valve guides, springs & valve stem oil seals. Less rocker gear. Cylinder heads are sold individually. Suitable for unleaded fuel.

- carb models (2) **RB7095R**
- efi models (2) **RB7462R**

Cylinder head - new (bare);
Outright sale.

- 3.5 engines
 - carb (2) **ERC3346**
 - efi
 - up to engine no 23D08767D(2) **ETC8622**
 - 23D08768D to VIN LA081990(2) **ERR3649**
 - VIN MA081991 (1995) on (2) **LDF001020**
- 3.9 engines
 - up to VIN LA081990 (1994) (2) **ERR4602**
 - VIN MA081991 (1995) on (2) **LDF001020**

V8 Performance Cylinder Heads

Our Performance cylinder heads are carefully modified in order to gain the maximum power from your engine: The 'throat' area of the cylinder head is opened out to suit the larger valve size; the ports are carefully enlarged and blended for optimum flow; the seats are narrowed and cut at 3 angles to ensure perfect valve sealing; new, shortened and profiled valve guides are fitted along with the latest hi-tech valve stem seals; the combustion chambers are measured and equalised to within 0.5cc. Finally, the mating faces (including the inlet manifold face) are milled to guarantee a perfect seal. Valve sizes are: Inlet - 41.4mm, Exhaust - 35.5mm.

Performance cylinder heads are fitted with single valve springs. However, double valve springs can be fitted on request. Performance heads are supplied in pairs (less rocker gear) and are suitable for unleaded fuel. Exchange units must be of the same type otherwise a surcharge will apply.

- Performance cylinder heads (1) **RB7467R**
Sold as a matched pair only.
Exchange. Use with composite head gaskets.



PORTING A PERFORMANCE HEAD

PERFORMANCE CYLINDER HEADS



V8 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)
 - 2 rows of cylinder head bolts.
 - With composite head gaskets. (1) **RA1233**
- 5.2 litre (1) **RB7684**

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**
- 5.2 litre (1) **RB7685**

*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



ARP CYLINDER HEAD STUD KIT RB7680

V8 Cylinder Head Bolts

Bolt - cylinder head - all engines except late

- 3.9, 4.0 & 4.6; (See note below.)
 - long (7/16" UNC x 3.9") (6) **602193**
 - medium (7/16" UNC x 2.7") (13) **602192**
 - tapped bolt (7/16" x 2.7") (1) **602450**
For dipstick retainer.
 - double-ended bolt (7/16" x 2.7")(1) **602200**
Later models.
 - short (7/16" x 2 1/4") (8) **602191**

Bolt - cylinder head - late 3.9, 4.0 & 4.6; 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-usable 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 1995.

- Washer - cylinder head bolts (28) **602098**
- Cylinder head ARP stud kit (1) **RB7680**
See photo.

HEAD GASKETS



COMPOSITE

STANDARD

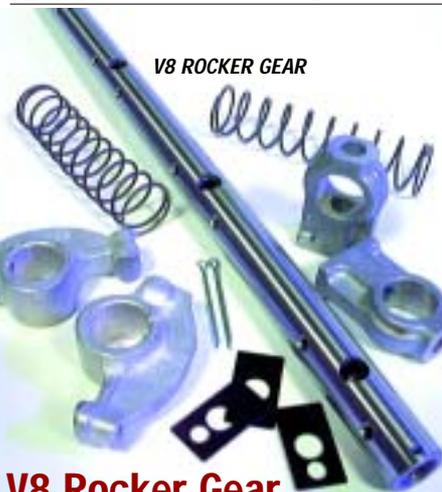
DESCRIPTION QTY REQ. PART NO.

V8 Valves, Guides & Springs

Inlet valve;		
carb		
up to VIN JA040523 (1992)(8)	ERC9088	
VIN JA0405244 (1992) (8)	ERR1780	
efi		
up to eng. no 23D08767D (8)	ERC9088	
eng no 23D08768D on (8)	ERR1780	
3.9 engines (8)	ERR1780	
'Big valve' (41.4mm) (8)	RB7460	
<i>Machining required to the valve guide & seat.</i>		
Exhaust valve;		
carb engines		
up to VIN JA040523 (1992) (8)	STC1122	
VIN JA0405244 (1992) (8)	ERR2551	
efi engines (8)	ERR7338	
'Big valve' (35.5mm) (8)	RB7461	
<i>Machining required to the valve guide & seat.</i>		
Valve seat insert;		
inlet		
standard size (8)	ERC224	
oversize + 0.010" (8)	ERC225	
exhaust		
standard (8)	ERC210	
oversize + 0.010" (8)	ERC211	
Valve guide - standard;		
carb engines (16)	603554	
efi engines		
up to eng.no. 23D08767D (16)	603554	
eng.no.23D08768D on (16)	ERR3648	
<i>For use only with matching valves.</i>		
Valve guide - performance;		
<i>Shortened & bulletted, for use with camshafts with higher lift.</i>		
inlet (8)	RB7463	
exhaust (8)	RB7464	
Valve stem oil seal;		
'tap washer' type (inlet only) (8)	ERC7865A	
hi-tech type (inlet & exhaust)(16)	ERR1782	
<i>Neoprene type. Not suitable for earlier models - pre '94.</i>		
Valve spring;		
standard (16)	UKC8137	
uprated - engine set;		
single (1)	RB7454	
double (see Note below) (1)	RB7455	
<i>Special retaining caps required.</i>		
<i>Note: machining may be required to valve guide boss when fitting double valve springs to engines previously fitted with singles.</i>		
Retaining cap - valve springs;		
standard (single springs) (16)	ERC573A	
uprated double valve springs(16)	ERC573S	
Split cotter - all models (32)	ERC1637	



DESCRIPTION QTY REQ. PART NO.



V8 Rocker Gear

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

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



TECHNICAL NOTE

Lifter Preload

The term "lifter preload" refers to the position of the pushrod seat in the lifter (or cam follower) when the engine has been assembled and the lifter is positioned on the heel of the cam (the opposite side to the lobe). Correct lifter preload is vital to the efficient running and long life of the engine and must be checked whenever a non-standard component, which might alter the distance between the rocker arm and the lifter (such as a high lift cam or performance cylinder head), has been fitted.

Check the lifter preload as follows:

With the lifters empty of oil, assemble the rocker shaft & pushrod components. Check for signs of wear, particularly on the underside of the rocker shafts and pushrods. replace worn components.

Checking each lifter in turn (remember to position the lifter on the heel of the cam), measure the gap in the lifter between the pushrod seat and the bottom of the circlip groove. The clearance should measure .020" minimum and .060" maximum.

If the clearance is greater than .060", use the appropriate pedestal shims (part no. 603734SH) to reduce it. Remember to use the same thickness shims under each rocker pedestal of a shaft to avoid distortion or breakage.

DESCRIPTION QTY REQ. PART NO.



V8 Rocker Covers

Rocker covers - single;		
3.5 litre engines		
carb		
rh (1)	ETC8681	
lh (1)	ETC7356	
efi		
rh (1)	ETC8680	
lh (1)	ETC8679	
3.9 litre engines		
<i>Up to the following engine nos:</i>		
<i>35D08927B, 36D25154B, 37D01931B, & 38D27330B.</i>		
rh (1)	ETC8680	
lh (1)	ETC8679	
<i>The following engine nos.onwards:</i>		
<i>35D08928B, 36D25155B, 37D01932B, & 38D27331B.</i>		
rh (1)	ERR7363	
lh (1)	ERR7360	
Rocker covers - pairs;		
unpainted (1)		
powder coated (1)		
black (1)		
red (1)		
Gasket - rocker cover		
standard (2)		
uprated (rubber) (2)		
Screw - rocker cover retaining;		
cross-head screw type		
long (4)	603127	
short (4)	602530	
8mm spline head type		
long (4)	ERR7371	
short (4)	ERR4818	
Spring washer - rocker screws (8)	GHF331	
Flat washer - rocker screws (8)	GHF300	
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, efi engines.</i>		
original (1)	RB7432	
short type - 1/2 original size (1)	RB7432LOW	
powder coated		
black (1)	RB7432PCB	
red (1)	RB7432PCR	
chrome (1)	RB7432C	
Breather grommet (pair) (1)	RB7432ZG	
'O' ring/seal - flame trap (1)	564258	
Oil filler neck (1)	ERC2989	
Oil filler cap (1)	625038	
'O' ring/seal - filler cap (1)	564258	
Breather filter - efi models (1)	ERC3209	
<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>		



MOULDED RUBBER ROCKER COVER GASKETS - GEG436UR

CAMSHAFT

V8 Camshaft & Kits

We stock a full range of standard camshafts, representing good value for money.

In addition, we offer uprated camshafts in 2 different profiles: Mild Road and Fast Road.

- **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.

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. 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 from these pages.

All camshafts are interchangeable, but adjustments to the fuelling may be required when fitting uprated camshafts to efi vehicles.

Camshaft - standard;

3.5 litre	(1)	ETC6099
3.9 litre	(1)	ERR5924

Camshaft - uprated;

Mild Road	(1)	RB7444
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Straight swap for standard cam. No machining required. Use also Anti pump-up followers ERC4949HD and single springs RB7454.

Fast Road	(1)	RB7445
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*Machining required to valve guides & spring platforms.
* See Camshaft Kits if fitting without modified heads.*

Cam follower - hydraulic - all models;

standard		
each	(16)	ERC4949A
set of 16	(1)	ERC4949AK
heavy duty		
each	(16)	ERC4949HD
set of 16	(1)	ERC4949HDK

Designed to resist "pumping-up" until approx. 6500rpm.

Cam retaining collar

	(1)	ERR5926
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Fitted from VIN MA137710 (1995).

Set screw - retaining collar

	(2)	SH505061
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Camshaft kit - standard;

3.5 litre		
kit 1	(1)	RB7125

Includes standard cam & 16 standard followers.

kit 2	(1)	RB7489
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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

kit 1	(1)	RA1424
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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 engines.
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

Includes: standard timing chain, timing cover gasket & oil seal, inlet manifold gasket & seals and 2 rocker cover gaskets. Suitable for all engines.

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
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**CAM OVERHAUL KIT
RB7489**

V8 Performance Camshaft Components

Cam followers (hydraulic) - heavy duty

<i>Designed to resist "pumping up" until approx 6500rpm.</i>		
each	(16)	ERC4949HD
set of 16	(1)	ERC4949HDK

Cam lube

	(1)	RX1358
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Essential when installing a new cam & followers.

Timing disc (protractor)

	(1)	RX1359
--	-----	---------------

Pedestal shims

	(1)	603734SH
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Includes three sets of shims of different thickness.

Use to set "lifter preload" when fitting cams with higher lift than standard.

Cam bearing set

	(1)	RTC5918
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Woodruff key - camshaft

	(1)	ERC2838
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V8 Timing Chain

Timing chain - all models;

standard	(1)	ERC7929
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
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Camshaft sprocket;

standard - nylon teeth	(1)	610289
vernier type - steel teeth	(1)	610289V

Crankshaft sprocket - all models

	(1)	90602372
--	-----	-----------------

Spacer - camshaft

	(1)	ERC2839
--	-----	----------------

Distributor drive gear - camshaft

	(1)	614188A
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Washer - camshaft

	(1)	ERC6552
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Bolt - camshaft;

7/16" UNF x 1 1/8"		
standard	(1)	602227A
thrust - uprated	(1)	602227UR

M12 x 30mm (metric alternative)

	(1)	ERC5749
--	-----	----------------

Cam retaining collar

	(1)	ERR5926
--	-----	----------------

Fitted from VIN MA137710 (1995).

Set screw - retaining collar

	(2)	SH505061
--	-----	-----------------

Woodruff key - camshaft

	(1)	ERC2838
--	-----	----------------

V8 Timing Cover & Fittings

Timing cover;

carb & efi up to VIN LA081990(1) up to 1994.		ETC7385
VIN MA081991 (1995) onwards(1)		ERR6814

Gasket - timing cover;

all engines up to 1994	(1)	ERR4936
all engines 1995 (VIN MA) on	(1)	ERR7280

Timing cover oil seal (front)

	(1)	ERR6490
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Retainer - oil seal

	(1)	247766
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Screw - retainer

	(8)	78782
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Timing pointer - all models

	(1)	ETC7345
--	-----	----------------

Screw - timing pointer

	(2)	HU755
--	-----	--------------

Washer

	(2)	WM600041
--	-----	-----------------

Bolt - timing cover to block;

regular bolts

5/16" UNC x 3"	(1)	BH505241
----------------	-----	-----------------

5/16" UNC x 3 1/8"	(1)	602388
--------------------	-----	---------------

5/16" UNC x 1 1/8"	(1)	SH505091
--------------------	-----	-----------------

flange head bolts

5/16" UNC x 3 1/8"	(5)	FB505251
--------------------	-----	-----------------

5/16" UNC x 3 7/8"	(1)	FB505311
--------------------	-----	-----------------

5/16" UNC x 4 3/4"	(3)	FB505381
--------------------	-----	-----------------

Nut - timing cover retaining

	(1)	NH605041
--	-----	-----------------

Dowel - water pump locating

	(2)	602201
--	-----	---------------

TECHNICAL NOTE

Timing Covers

There are two types of timing cover fitted to the V8 Discovery (see also Technical Note on Oil Pumps, on previous pages).

The first type, fitted to carb & efi vehicles up to VIN LA (1994), incorporates a housing for the camshaft-driven oil pump gears on the lower right hand side of the cover. These gears are actually driven off the end of the distributor which is, itself, driven by a skew gear on the camshaft.

The later type - fitted from VIN MA (April 1994) - features a crank-driven oil pump. Known also as the "intermediate" timing cover, it differs from the Series 2 Range Rover (Pegasus) type in that it has a provision for a distributor - driven, as before, by a camshaft gear.

Although the oil pump design of the later covers is a big improvement over the earlier ones, they cannot easily be retro-fitted to earlier vehicles, as the crank-driven oil pump requires a long-nose crankshaft, not fitted to earlier engines.

STANDARD CHAIN & SPROCKETS



ADJUSTABLE TIMING CHAIN KIT



Engine Identification - Tdi

200Tdi engines begin 12L, 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.

Service Items - Tdi

Oil filter - 200/300Tdi	(1)	ERR3340
Washer - sump plug	(1)	213961
Timing belt;		
200Tdi	(1)	ETC8550
300Tdi	(1)	ERR1092
Rocker cover gasket;		
200Tdi	(1)	ERR2393
300Tdi	(1)	ERR2409
Rocker cover bolt seal;		
200Tdi	(3)	ERR663
300Tdi	(3)	ERR3424
Inlet/exhaust manifold gasket;		
200Tdi	(1)	ERR1208
300Tdi	(1)	ERR3785
Water pump gasket;		
200Tdi	(1)	ERR388
Thermostat;		
200Tdi	(1)	ERR2803
300Tdi	(1)	ERR3291
Thermostat gasket;		
200Tdi	(1)	ERR3682
300Tdi (housing gasket)	(1)	ERR3490
Thermostat switch - 200/300;		
green	(1)	PRC3359
yellow	(1)	PRC3505
Coolant temperature sensor;		
200Tdi		
orange	(1)	PRC8001
green	(1)	PRC9917
Washer - temp sensor	(1)	AFU1890
Oil pressure switch - 200/300Tdi	(1)	PRC6387
Washer - pressure switch	(1)	ETC7398
Water pump/PAS belt;		
200Tdi	(1)	ERR810
300Tdi		
to VIN MA (1995)	(1)	ERR3287
VIN TA (1996) on	(1)	ERR5911
Air conditioning belt;		
200Tdi	(1)	ETC9009
300Tdi	(1)	ERR2215

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.



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Full Engines - Tdi

Full engine (new);		
200Tdi		
complete	(1)	RTC6637
Includes: flywheel, clutch & electrics.		
bare	(1)	STC1065
300 Tdi (bare)	(1)	STC1736
Short engine;		
200Tdi	(1)	RTC6635
300Tdi	(1)	STC1675

Cylinder Block Components - Tdi

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

Cylinder block		
200Tdi	(1)	ERR3
300Tdi	(1)	ERR1919
Cam bearing;		
front	(1)	ETC8442
rear	(3)	90519055
Oil jet - camshaft (300Tdi)	(1)	ERR2767
Jet assembly - piston;		
numbers 1 & 3	(2)	ETC6531
numbers 2 & 4	(2)	ETC6532
Sealing washer - jet;		
inner	(4)	AFU1879
outer	(4)	AFU1887
Gasket - side cover plate (200Tdi)	(1)	ERR2026
Gasket - rear seal housing (300)	(1)	ERR6811
Piston ring set;		
200Tdi		
standard size	(4)	RTC6457
+.020"	(4)	RTC6457020
+.040"	(4)	RTC6457040
300Tdi (standard size)	(4)	STC958
Bush - little end;		
200Tdi	(4)	ETC7286
300Tdi	(4)	ERR2419
Circlip - gudgeon pin	(4)	266945
Bearing set - big end;		
standard	(1)	RTC2993
o/size (0.010")	(1)	RTC299310

Crankshaft - Tdi

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

Crankshaft;		
200Tdi	(1)	ERR1181
300Tdi	(1)	ERR2112
Bearing set - main;		
standard size	(1)	STC3395
+.010"	(1)	RTC478310
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

Camshaft - Tdi

Camshaft;		
200Tdi	(1)	ETC7128
300Tdi	(1)	ERR3547
Thrust plate - camshaft;		
200Tdi	(1)	ERC1561
300Tdi	(1)	ERR3754
Oil seal - camshaft;		
200Tdi	(1)	ETC5064
300Tdi	(1)	ERR3356
Bearing - camshaft (200/300Tdi);		
front	(1)	ETC8442
rear	(3)	90519055
Camshaft pulley	(1)	ERR666

Timing Belt - Tdi

Timing belt;		
200Tdi	(1)	ETC8550
300Tdi	(1)	ERR1092
Tensioner - timing belt;		
200Tdi	(1)	ERR2530
300Tdi	(1)	ERR1972
Idler pulley - 200/300Tdi	(1)	ETC8560

Oil Pump - Tdi

Oil pump assembly - 200Tdi	(1)	ERR1178
<i>Includes gear housing, gears, strainer assembly and relief valve.</i>		
Gears - oil pump;		
200Tdi		
idler gear	(1)	ERR1088
pump gear	(1)	ERC9706
300Tdi	(1)	STC3407
<i>Matched pair, inner & outer.</i>		
Gasket - oil pump (200Tdi)	(1)	ERC8408
'O' ring - strainer assembly (200Tdi)	(1)	244488
Relief valve - oil pressure		
200Tdi	(1)	ETC4880
300Tdi	(1)	ERR1085
<i>Located in front cover.</i>		
Spring - relief valve		
200Tdi	(1)	564456
300Tdi	(1)	ERR1084
Drive assembly - oil pump (200Tdi)	(1)	ERR928
<i>Includes drive gear, bearing, 'O' rings etc.</i>		
Shaft - oil pump (200Tdi)	(1)	ERR850
Bush - oil pump shaft (200Tdi)	(1)	ERR500
Oil Filter - 200/300Tdi	(1)	ERR3340
Gasket - oil filter adaptor;		
200Tdi	(1)	ERR3607
300Tdi	(1)	ERR3283
Thermostat valve -oil cooler	(1)	ERC5923
<i>200/300Tdi.</i>		
Switch - oil pressure 200/300Tdi	(1)	PRC6387

Cylinder head - Tdi

Cylinder head assembly;		
200Tdi	(1)	RTC6896
300Tdi	(1)	ERR5027
Gasket set - upper engine;		
<i>Does not include cylinder head gasket.</i>		
200Tdi	(1)	STC1172
300Tdi	(1)	STC2802
Gasket - cylinder head - 200/300Tdi;		
1.3mm (1 hole)	(1)	ERR5261
1.4mm (2 holes)	(1)	ERR5262
1.5mm (3 holes)	(1)	ERR5263
End plug - cylinder head (200Tdi)	(2)	ERR765
Valve - inlet;		
200Tdi	(4)	ERR1157
300Tdi	(4)	ERR3777
Valve - exhaust (200/300Tdi)	(4)	ERR1156
Seal - valve stem (200/300Tdi)	(8)	ETC8663
Valve guide (200/300Tdi)	(8)	LGJ100880
Valve spring (200/300Tdi)	(8)	ERR4640
Glow plug (200/300Tdi)	(4)	ETC8847
Gasket - rocker cover;		
200Tdi	(1)	ERR2393
300Tdi	(1)	ERR2409
End plug - cylinder head (200Tdi)	(2)	ERR765
Coolant temp sensor (300Tdi)	(1)	ERR2081

Rocker Gear - Tdi

Rocker arm;		
200Tdi		
right	(4)	ERR1202
left	(4)	ERR1201
300Tdi		
right	(4)	ERR3343
left	(4)	ERR3342
Rocker shaft;		
200Tdi	(1)	ERR4682
300Tdi	(1)	ERR4848
Pushrod (200/300Tdi)	(8)	546799
Follower (200/300Tdi)	(8)	RTC6564

Miscellaneous Components - Tdi

Tensioner - timing belt;		
200Tdi	(1)	ERR2530
300Tdi	(1)	ERR1972
Idler pulley - static	(1)	ETC8560
<i>200/300Tdi.</i>		
Tensioner - ancillary belt- 300Tdi	(1)	ERR4708
Vacuum pump (for brake servo);		
200Tdi	(1)	ERR535
300Tdi	(1)	ERR3539
Turbo assembly - new;		
200Tdi	(1)	ETC7461
300Tdi (includes manifold)	(1)	ERR4802
Glow plug	(4)	ETC8847
Injector;		
200Tdi	(4)	ETC8412
300Tdi		
EGR engines	(4)	ERR3339
EDC engines	(3)	ERR3348
	(1)	ERR3337
	(1)	ERR2082
Air temp sensor (300Tdi)		
<i>Located on the inlet manifold.</i>		

Flywheel & Driveplate - Tdi

Flywheel (200 & 300Tdi)	(1)	ERR719
<i>Manual gearbox.</i>		
Ring gear only (200/300Tdi)	(1)	568431
Driveplate	(1)	FTC4049
<i>Auto gearbox.</i>		
Ring gear only	(1)	ERR4827

Gaskets & Oil Seals - Tdi

Gasket sets - engine;		
<i>For a complete engine rebuild, order one of each set.</i>		
<i>Note: cylinder head gaskets are not included.</i>		
200Tdi		
upper	(1)	STC1172
lower	(1)	STC1557
300Tdi		
upper	(1)	STC2802
lower	(1)	STC2801
Individual gaskets;		
cylinder head - 200/300 Tdi		
1.3mm (1 hole)	(1)	ERR5261
1.4mm (2 holes)	(1)	ERR5262
1.5mm (3 holes)	(1)	ERR5263
rocker cover gasket;		
200Tdi	(1)	ERR2393
300Tdi	(1)	ERR2409
front cover gasket;		
200Tdi		
inner	(1)	538039
outer	(1)	ERR1195
300Tdi		
inner	(1)	ERR4860
outer	(1)	ERR7293
inlet/exhaust manifold gasket;		
200Tdi	(1)	ERR1208
300Tdi	(1)	ERR3785
exhaust manifold to turbo (200)(1)		ETC7514
turbo to exhaust (200Tdi)	(1)	ETC7513
side cover plate gasket	(1)	ERR2026
oil pump (200Tdi) gasket	(1)	ERC8408
fuel lift pump gasket	(1)	ERR2028
vacuum pump gasket		
200Tdi	(1)	ETC4616
300Tdi	(1)	ERR2027
rear crank seal gasket (300)	(1)	ERR6811
Oil seal - crankshaft;		
200Tdi		
front		
inner	(1)	ERR6490
outer	(1)	ETC4154
rear	(1)	ERR2532
300Tdi		
front		
inner	(1)	ERR4575
outer	(1)	ERR4576
rear	(1)	LUF100430
Oil seal - camshaft;		
200Tdi	(1)	ETC5064
300Tdi	(1)	ERR3356
Seal - valve stem (200/300Tdi)	(8)	ETC8663
End plug - cylinder head (200Tdi)	(2)	ERR765



300Tdi CYLINDER HEAD
ERR5027

**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.

2.0 MPI ENGINE COMPONENTS

DESCRIPTION QTY REQ. PART NO.

2.0 T16 Engine - Mpi Service Items

Oil filter - 2.0 Mpi	(1)	STC974
Sump drain plug	(1)	UAM2957
Washer - sump plug	(1)	UAM2857
Oil pressure switch	(1)	NUC10003
Timing belt	(1)	LHN10016
Spring - timing belt tensioner	(1)	LHR10025
Alternator drive belt;		
with air con	(1)	PQS10061
non air con	(1)	PQS100900
Water pump assembly	(1)	PEB102420
<i>Supplied with 'O'-ring seals.</i>		
'O'-ring seals - water pump	(1)	PFQ10001
<i>Includes inner & outer seals.</i>		
Thermostat (88°C)	(1)	PEL10017
Thermostat gasket	(1)	PET10014
Temperature sensor;		
<i>Upper thermostat housing.</i>		
white	(1)	YCB10019
green	(1)	AMR1425
Coolant temperature sensor	(1)	ADU7161
<i>Lower thermostat housing.</i>		
Fuel temperature sensor	(1)	MEK10002
Spark plug	(4)	NLP10003
Coil pack - ignition	(2)	NEC10047

DESCRIPTION QTY REQ. PART NO.

Gaskets & Seals - Mpi

Gasket set;		
cylinder head		
up to engine no. 101828	(1)	LVQ10040
engine no. 101829 on	(1)	STC3160
engine set	(1)	STC848
Cylinder head gasket	(1)	LVB101000
Cam cover gasket;		
inlet		
up to VIN MA163103	(1)	LVP10006
from VIN TA163104	(1)	LVP100320
exhaust		
up to VIN KA038821	(1)	LVP10005
VIN KA038822 on	(1)	LVP100170
Inlet manifold gasket;		
upper manifold to lower	(1)	LKJ10030
lower manifold to engine	(1)	LKJ10027
Exhaust manifold gasket	(1)	LKG10002
Rear oil seal - crankshaft	(1)	LUL10007
Front oil seal - oil pump housing	(1)	ADU8891
Oil pump housing gasket	(1)	LVG10005
Sump gasket	(1)	LVF10005
'O'-ring seals - water pump	(1)	PFQ10001
<i>Includes inner & outer seals.</i>		
Thermostat gasket	(1)	PET10014
Oil filler cap seal	(1)	LUD100040

DESCRIPTION QTY REQ. PART NO.

Flywheel - Mpi

Flywheel;		
<i>Complete with ring gear.</i>		
up to VIN MA163103 (1995)	(1)	PSD10102
VIN TA163104 (1996) on	(1)	PSD102420
Ring gear only - manual	(1)	DAM7638

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.

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.



Clutch Components

Clutch kit;

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

V8		
carb engines	(1)	STC8360
efi engines		
3.5	(1)	STC8361
3.9	(1)	FTC4828
Tdi		
200Tdi	(1)	STC8358
300Tdi	(1)	RA1093
2.0mpi	(1)	RD1036

Clutch cover;

V8		
carb engines	(1)	FTC813
efi engines		
3.5	(1)	576476
3.9	(1)	FTC2001
Tdi	(1)	URB100760
2.0Mpi	(1)	576557

Clutch plate;

V8		
carb engines	(1)	FTC814
efi engines		
3.5	(1)	FTC4662
3.9	(1)	FTC2002
Tdi	(1)	FTC4204
2.0Mpi	(1)	FTC4034
Release bearing;		
V8 & Tdi	(1)	FRC9568
2.0Mpi	(1)	FTC2772
Retaining clip - release bearing;		
V8	(1)	576203
Tdi & 2.0Mpi	(1)	FRC3416
Alignment tool - clutch	(1)	RX1386T

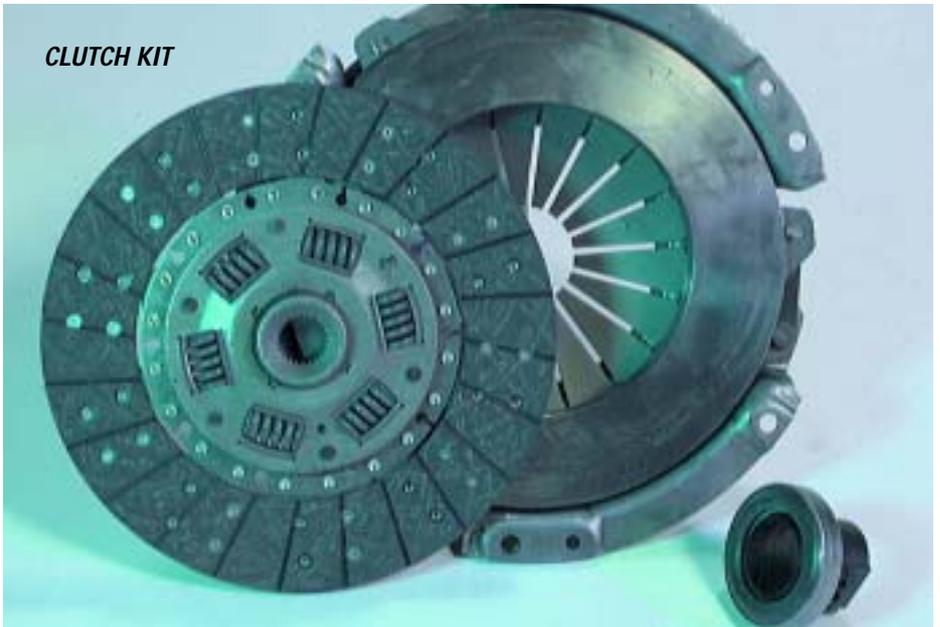
Clutch Release Mechanism

Release fork - clutch;

V8		
with LT77 gearbox (up to VIN LA)		
up to VIN KA045958 (1993)(1)		576137
VIN KA045959 (1993) on (1)		FTC2957
with R380 gerabox (VIN MA on)(1)		576137
Tdi		
with LT77 gearbox (up to VIN LA)(1)		FTC2957
with R380 gearbox (VIN MA on)(1)		576137
2.0Mpi - all models	(1)	FTC2957
Slipper pad - release lever	(2)	FRC5255
Tdi & 2.0Mpi vehicles with LT77 gearbox only.		
Pivot pin - clutch release	(1)	FRC2528
V8 only.		
Cap - pivot pin	(1)	571161
Retainer clip - pivot	(1)	571163



CLUTCH PIVOT PIN, CAP & CLIP



CLUTCH KIT

Clutch Master Cylinder

Master cylinder - clutch;

V8		
up to VIN LA (1994)	(1)	AEU1714
VIN MA (1995) onwrad	(1)	ANR2186
Tdi		
up to VIN LA (1994)	(1)	AEU1714
VIN MA (1995) onwards	(1)	ANR2651
2.0Mpi	(1)	ANR2651
Repair kit - master cylinder;		
V8 & Tdi up to VIN LA (1994)	(1)	BAU1252
2.0Mpi & Tdi (VIN MA) on	(1)	STC1126
Filler cap - master cylinder;		
V8 & Tdi		
up to VIN LA (1994)	(1)	513123
VIN MA (1995) onwards	(1)	STC1646
2.0Mpi	(1)	STC1646

Clutch Slave Cylinder

Slave cylinder;

LT77 gearbox		
All manual vehicles up to 1994 (VIN LA)		
up to VIN KA045958 (1993) (1)		TKC2786P
VIN KA045959 (1993) on (1)		FTC2498
R380 gearbox	(1)	FTC5072
All manual vehicles from 1995 (VIN MA) on.		
Repair kit - slave cylinder;		
up to VIN KA045958 (1993) (1)		514244
VIN MA (1995) onwards	(1)	STC2818
Push rod - slave cylinder;		
V8		
with LT77 gearbox (to VIN LA)(1)		571160
with R380 gearbox (VIN MA on) (1)		FTC3913
Tdi & 2.0Mpi		
with LT77 gearbox (to VIN LA)(1)		FRC3417
with R380 gearbox (VIN MA on)(1)		FTC3912
Fixing clip - pushrod;		
V8	(1)	576723
Tdi & 2.0Mpi	(1)	FRC3327
Bleed screw - slave cylinder	(1)	606733
All models.		

Clutch Flexi Hose

Flexible hose - clutch;

V8 & 2.0Mpi	(1)	NRC2211
Tdi	(1)	NTC3400
Clutch damper - Tdi models	(1)	STD10002



CLUTCH FLUID

Clutch Fluid

Fluid - clutch & brake;

Unipart (Dot 3) - 1 litre	(A/R)	GBF103
silicone fluid		
Replaces conventional clutch and brake fluid. Will not harm paintwork if spill.		
0.5 litre	(A/R)	RX1327
1 litre	(A/R)	RX1326
Pedal rubber - clutch	(A/R)	575818
All models.		

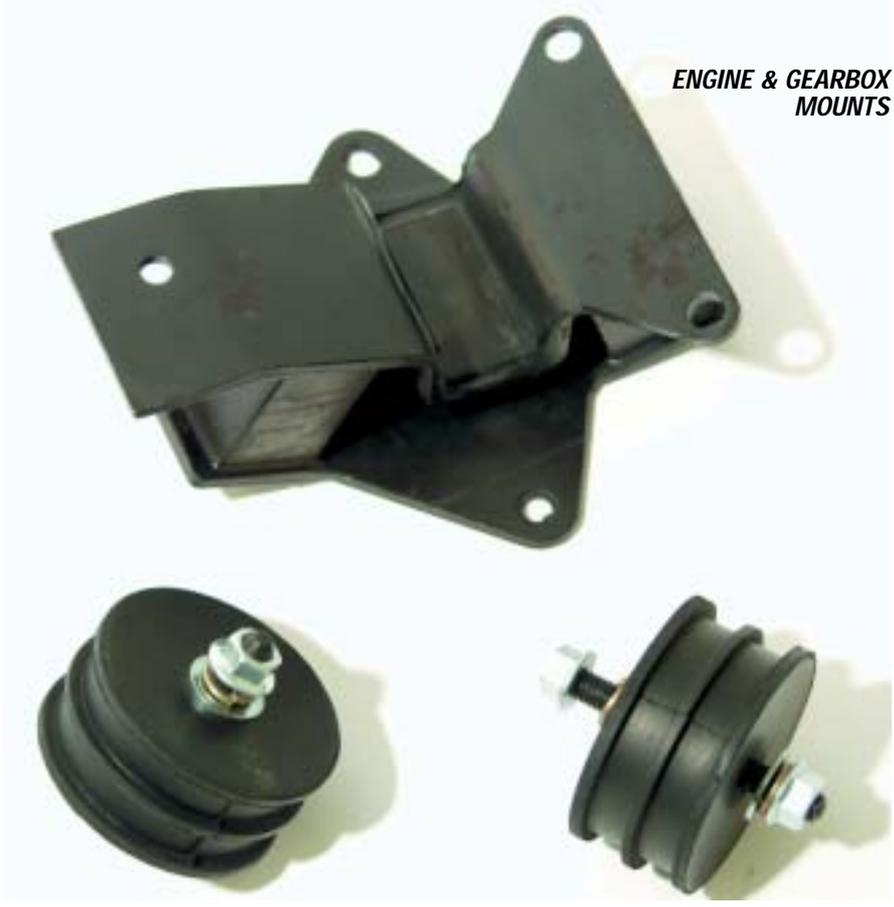


CLUTCH MASTER & SLAVE CYLINDER

Engine & Gearbox Mountings

Engine mounting rubber;								
V8	(2)	STC434						
200Tdi	(2)	ANR2488						
300Tdi	(2)	NTC9416						
2.0Mpi								
rh	(1)	NTC5890						
lh	(1)	ANR2471						
Nut - engine mounting rubber;								
all V8 (M10)	(4)	FN110041						
200Tdi (M12)	(2)	NY112041						
300Tdi (M12)	(4)	FX112041						
2.0Mpi (M10)	(4)	FX110047						

Gearbox mounting rubber;								
<i>Gearbox to chassis. Manual & automatic.</i>								
V8								
up to 1994 (VIN LA)	(2)	NTC5890						
1995 (VIN MA) onwards	(2)	ANR2805						
Tdi								
rh	(1)	ANR3200						
lh	(1)	ANR3201						
rear	(1)	NTC6282						
2.0Mpi								
rh	(1)	ANR3200						
lh	(1)	ANR3201						
Nut - gearbox mounting rubber	(4)	NH606041						
<i>All vehicles. 3/8" UNF.</i>								



REFER TO ACCESSORIES FOR SPARE WHEEL COVERS



WATER PUMPS & VISCOUS COUPLING

Drive Belts

Drive belt - water pump;		
V8 - carb engines	(1)	611612
V8 - efi engines		
up to VIN LA (1994)	(1)	611612
VIN MA (1995) to engs 36D50529 & 38D32139		
non air con	(1)	ERR4461
with air con	(1)	ERR4623
engs 36D50530 & 38D32140 on		
non air con	(1)	ERR6191
with air con	(1)	ERR5579
200Tdi	(1)	ERR810
300Tdi		
up to VIN MA (1995)	(1)	ERR3287
VIN TA (1996) on	(1)	ERR5911
Drive belt - air conditioning;		
V8		
up to 1994 (VIN LA)	(1)	611612
Separate drive belt.		
1995 (VIN MA) to engine 36D50529, also		
engine 38D32139	(1)	ERR4623
engine 36D50530, also engine		
38D32140 on	(1)	ERR5579
"Serpentine" belt.		
diesel		
200 Tdi	(1)	ETC9009
300 Tdi	(1)	ERR2215
2.0Mpi ('serpentine' belt)	(1)	POS10061

Pressure Cap

Pressure cap;		
V8 carb engines	(1)	PCD100150
V8 efi, 200/300Tdi & 2.0Mpi	(1)	NTC7161
15psi.		

Radiator Hoses

For intercooler hoses see **Intercooler**, on following page.
For transmission oil cooler pipes, refer to relevant **Gearbox** section.

Top hose - radiator;		
V8		
up to MA098379 (1995)	(1)	ESR1052
VIN MA098380 (1995) on	(1)	ESR3297
200Tdi	(1)	NTC4329
300Tdi	(1)	ESR2491
2.0Mpi	(1)	ESR2771
Bottom hose - radiator;		
V8		
up to VIN KA064754 (1993)	(1)	NTC5632
VIN LA064755 to LA081991	(1)	NTC7297
1994.		
VIN MA081992 (1995) on	(1)	PCH000060
200Tdi	(1)	NTC7223
300Tdi	(1)	ESR3296
2.0Mpi		
radiator to rigid pipe		
up to VIN KA038821 (1993)(1)		ESR2245
VIN KA038822 to LA081991(1)		ESR2587
1993 to 1994.		
VIN MA081992 (1995) on	(1)	ESR1789
rigid pipe to engine		
up to VIN LA081991 (1994)(1)		ESR2004
VIN MA081992 (1995) on	(1)	ESR3026
Expansion tank hose;		
V8 - carb engines	(1)	NTC6858
200Tdi	(1)	NTC7308
Bleed hose to upper radiator.		
300Tdi	(1)	ESR3436
Bleed hose, includes splitter.		
2.0Mpi		
up to VIN LA081991 (1994)	(1)	NTC7298
VIN MA081992 (1995) on	(1)	ESR3436

Water Pump

Water pump;		
V8		
carburettor engines	(1)	STC483
efi engines		
up to VIN LA (1994)	(1)	STC483
VIN MA (1995) on	(1)	STC4378
200Tdi	(1)	RTC6395
300Tdi	(1)	STC1086
2.0Mpi	(1)	PEB102420L

Water Pump Fittings

Gasket - water pump;		
V8		
for STC483	(1)	ERR2428
for STC1693	(1)	ERR4077
200 Tdi	(1)	ERR388
300Tdi	(1)	ERR3284
2.0Mpi ('O' ring set)	(1)	PFQ10001

Water pump hose - V8;		
carb engines		
water pump to inlet manifold(1)		ERC2319
water pump to heater pipe (1)		ERC2320
efi engines		
water pump to heater pipes		
up to VIN LA (1994)	(1)	ETC6889
VIN MA (1995) on	(1)	PEH101530
Inlet manifold to heater pipes(1)		ETC6890
Hose clips for above	(2)	CN100308

Water pump hose - Tdi;		
By-pass hose.		
200Tdi	(1)	ERR1361
300Tdi	(1)	ERR5099
Hose clips for above	(2)	CN100408

Viscous Coupling

Viscous coupling;		
V8		
carb engines	(1)	ERC5708
efi engines		
with 11-blade fan	(1)	ETC1260
Up to VIN LA (1994).		
with 7-blade fan	(1)	ERR3443
VIN MA (1995) on.		
200Tdi	(1)	ETC7238
300Tdi	(1)	ERR2266



Radiator

Radiator;		
<i>*Please note that Land Rover introduced a 2nd set of chassis numbers on 21st April 1995, commencing MA500000 onwards, which ran side-by-side with the existing numbers.</i>		
V8		
up to VIN LA064754 (1994)	(1)	ESR80
All models.		
VIN LA064755 (1994) onwards		
manual	(1)	ESR3688
auto	(1)	ESR3687
200Tdi	(1)	BTP1823S
300Tdi	(1)	ESR3689
Radiator & intercooler assembly.		
2.0Mpi	(1)	ESR2595
Mounting rubber - radiator	(4)	572312
All models.		
Filler plug - radiator	(1)	ERR4686
Sealing washer - filler plug	(1)	ERR4685

Antifreeze

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

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

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 11/8"	(a/r)	GHC709
1" to 13/8"	(a/r)	GHC811
11/8" to 15/8"	(a/r)	GHC913
13/8" to 2"	(a/r)	GHC1015
11/2" to 21/8"	(a/r)	GHC1217
2" to 23/4"	(a/r)	GHC1622



MORE STOCK EVERY DAY

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Thermostat & Temperature Sender

Thermostat;		
V8		
82°	(1)	602687
88°	(1)	ETC4765
200Tdi	(1)	ERR2803
300Tdi	(1)	ERR3291
2.0Mpi	(1)	PEL10017

Thermostat gasket;		
V8		
	(1)	ERR2429
200Tdi	(1)	ERR3682
300Tdi (housing gasket)	(1)	ERR3490
2.0Mpi	(1)	PET10014

Coolant temperature sender;
For temperature gauge reading.

V8 - located at front of inlet manifold		
manual	(1)	PRC8003
auto	(1)	PRC8783
200/300Tdi - located in thermostat housing		
orange	(1)	PRC8001
green	(1)	PRC9917
2.0Mpi - located in thermostat housing		
white	(1)	YCB10019
green	(1)	AMR1425
Washer - temp sensor	(1)	AFU1890

Coolant temperature sensor;
For fuel system ecu.

V8 - located in inlet manifold		
up to VIN LA (1994)	(1)	ETC8496
VIN MA (1995) on	(1)	AMR1425
300Tdi - located in cyl head	(1)	ERR2081
2.0Mpi - in thermostat housing(1)		GTR185

Fan switch - thermostat housing;
Air con models.

V8 (yellow)	(1)	PRC3505
200/300Tdi		
green	(1)	PRC3359
yellow	(1)	PRC3505
Washer - fan switch	(1)	C457593A
All models.		

Oil Cooler - V8

Oil Cooler - V8 engine	(1)	RA1089
<i>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.</i>		
<i>Note: an oil cooler was incorporated, by the factory, into the coolant radiator with the introduction of the 3.9 litre engine.</i>		
Thermostat - oil cooler	(1)	RS1456

KENLOWE FAN KIT



Kenlowe Fan

Kenlowe fan kit;
Contains everything you need to fit an electric fan to your vehicle, including mounting brackets, wiring and temperature sensor.

V8 - all models		
without air con	(1)	RA1094
with air con	(1)	RA1095
Tdi - all models		
	(1)	RA1096

KENLOWE HOTSTART



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 ritual 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

Intercooler - Diesel

Intercooler;		
200Tdi	(1)	FTP8015
300Tdi	(1)	FTP8030
Intercooler hoses;		
200Tdi		
intercooler to inlet manifold	(1)	ESR2263
intercooler to turbo		
intercooler pipe	(1)	ESR2943
centre pipe	(1)	NTC5655
turbo pipe	(1)	ESR2932
clip for intercooler hoses	(a/r)	CN100608
300Tdi		
intercooler to inlet manifold	(1)	ESR3025
intercooler to turbo		
intercooler pipe	(1)	ESR2913
centre pipe	(1)	ESR2910
turbo pipe	(1)	ESR2912
clip for intercooler hoses	(2)	CN100608

Heater Components - Non Air Con

For price & availability of complete heater units, please contact our Sales Department.

Heater matrix;		
up to 1994 (VIN LA)	(1)	STC770
1995 (VIN MA)		N/A
<i>Not available separately.</i>		
Heater blower motor & fan		
up to VIN LA081991 (1994)	(1)	RTC6693
VIN MA081992 (1995) on		
rhd	(1)	BTR6484
lhd	(1)	BTR6485
Heater control knob;		
up to 1994 (VIN LA)	(5)	MXC3270
1995 (VIN MA) on		
rotary controls	(3)	BTR8930
slider control	(1)	BTR6494
Heater hoses - please enquire		

Air Conditioning Components

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

Drive belt - air conditioning;		
V8		
up to 1994 (VIN LA)	(1)	611612
<i>Separate drive belt.</i>		
1995 (VIN MA) to engine 36D50529, also engine 38D32139	(1)	ERR4623
engine 36D50530, also engine 38D32140 on "Serpentine" belt.	(1)	ERR5579
diesel		
200 Tdi	(1)	ETC9009
300 Tdi	(1)	ERR2215
2.0Mpi ('serpentine' belt)	(1)	POS10061

V8 CARBURETTORS

V8 (Carbs) Inlet Manifold Fittings

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
Non-return valve - brake servo	(1)	RTC5907
<i>Not ABS models.</i>		
Washer - non-return valve	(1)	232043
Heater outlet - rear	(1)	603440
<i>Where fitted.</i>		
Gasket - rear heater outlet	(1)	603441
Temperature sender unit	(1)	PRC8003
<i>Located at front of inlet manifold.</i>		
Washer - temperature sender unit	(1)	90568054
Thermostat - all models;		
82°	(1)	602687
88°	(1)	ETC4765
Thermostat housing;		
air con	(1)	ETC6135
<i>With provision for fan switch.</i>		
non air con	(1)	ETC4596
Gasket - thermostat housing	(1)	ERR2429
Fan switch - thermostat housing	(1)	PRC3505
<i>Air con models.</i>		
Washer - fan switch	(1)	C457593

V8 Carburettors & Components

Carburettor assembly - SU;		
rh	(1)	ERR489
lh	(1)	ERR490
Seal kit - carbs	(1)	RTC6072
Gasket kit - carbs	(1)	WZX1505
Metering needle	(2)	RTC6436
Jet assembly;		
rh	(1)	CUD2785
lh	(1)	CUD2788
Needle guide	(2)	AUD4288
Float needle & seat kit	(2)	STC205
Float;		
rh	(1)	LZX1600
lh	(1)	RTC3566
Bi-metal assembly - float bowl	(2)	CUD2399
Piston spring	(2)	AUD4398
Damper & oil cap	(2)	LZX1505
Olive - fuel unions	(2)	612064
Nut - fuel unions (7/16UNF)	(2)	534790

V8 Carb Mountings

Gasket - carb to inlet manifold	(6)	ERR4381
Insulating block	(2)	ERR4383
Gasket - carb to elbow	(2)	612435
'O'-ring - elbow to air cleaner	(2)	602634

**MORE STOCK
EVERY DAY**

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V8 ELECTRONIC FUEL INJECTION

V8 Efi Inlet Manifold Fittings

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
Thermostat - all models;		
82°	(1)	602687
88°	(1)	ETC4765
Thermostat housing;		
air con	(1)	ETC6135
<i>With provision for fan switch.</i>		
non air con	(1)	ETC4596
Gasket - thermostat housing	(1)	ERR2429
Fan switch - thermostat housing	(1)	PRC3505
<i>Air con models.</i>		
Washer - fan switch	(1)	C457593
Temperature sensor	(1)	ETC8496
<i>Top left of inlet manifold - fits vertically.</i>		
Sealing washer	(1)	243967
<i>Temp sensor</i>		
Coolant temperature sender;		
<i>Front right of inlet manifold - fits horizontally.</i>		
manual	(1)	PRC8003
auto	(1)	PRC8783
Sealing washer - temp. sender	(1)	90568054

V8 Efi - Fuel Rail

Injector	(8)	ERR722
O-Ring seal - injector;		
upper	(8)	EAC2414
lower	(8)	EAC2415
Clip - injector	(8)	ETC6375
Fuel temperature sensor	(1)	ETC6661
Fuel pressure regulator;		
up to VIN TA703236 (1996)	(1)	ETC8494
from VIN VA703237 (1997) on	(1)	ERR6185

V8 Efi - Plenum Chamber Components

Screw - hex key type	(6)	SS108801
<i>Plenum chamber to ram housing.</i>		
Throttle disc	(1)	ETC6222
Throttle spindle	(1)	ETC6223
Bush - throttle spindle	(2)	611795
Seal - throttle spindle	(2)	AUD3577
Idle speed screw	(1)	ST606080
Throttle potentiometer;		
up to VIN MA112200 (1995)	(1)	ETC8495
VIN MA112201 on	(1)	ERR2263
Gasket - potentiometer	(1)	ERR4944
Gasket - water jacket	(1)	ETC7353
Gasket - stepper motor housing	(1)	ERR2926
Stepper motor (IAC valve)		
up to VIN MA112200 (1995)	(1)	ETC6660
VIN MA112201 on	(1)	ERR5199
Air-valve solenoid	(1)	ERC7536
<i>Air con models</i>		
Breather Hose	(1)	ERC9116
<i>Flame trap to plenum</i>		
Non return valve - servo	(1)	RTC5907
Pneumatic actuator	(1)	ETC7150
<i>Cruise control.</i>		

V8 Efi FUEL SYSTEM COMPONENTS



V8 Efi - Electronic Components

Electronic control unit (ECU);
new
Please contact our sales department for availability & price of new ECUs.
reconditioned/re-chipped
We can recondition your existing 14CUX (hotwire type) ECU to original specification, or re-chip it for power and economy improvements (essential on modified engines).

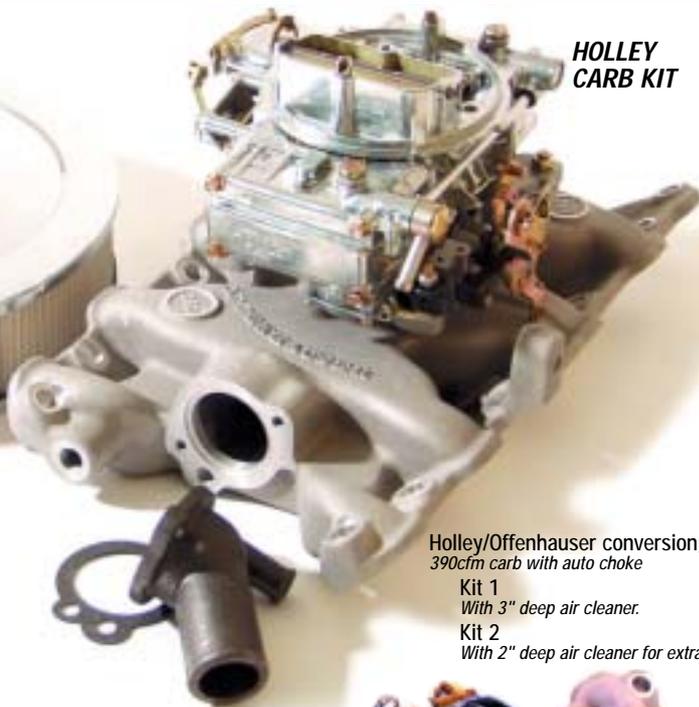
*All ECUs are guaranteed for 1 year.
Please contact our sales department to discuss your requirements.*

Airflow meter	(1)	ERR5198
'O'-ring - airflow meter seal	(1)	NTC3354
Air intake hose - airflow meter to plenum chamber;		
to VIN LA081991 (1994)	(1)	ESR1611
VIN MA081992 (1995) on	(1)	ESR1807
Hose clip - afw meter to chamber	(2)	CN100908
Tune resistor - efi harness;		
red	(1)	PRC8005
yellow	(1)	PRC8007
white	(1)	PRC8009
green	(1)	PRC8172
blue	(1)	AMR2016
Inertia shut-off switch;		
up to VIN MA081992	(1)	DBC2022
VIN MA081993 on	(1)	WQT100030



FUEL SYSTEM V8 - CARB - EFI

FUEL SYSTEM V8 - 4 Barrel Carb



**HOLLEY
CARB KIT**

V8 - 4 Barrel Carb Conversion Kits

Suitable for all engine sizes.
Complete conversion kits for all V8 Discoverys.

Kits include: 4 barrel carb, inlet manifold, chromed 14" air cleaner (can be substituted with K&N air cleaner at extra cost), thermostat housing and accelerator cable kit.

See also fuel pump section for details of our Facet type electric fuel pump, which may be required in addition to the 4 barrel carb kits, depending on application.

Holley/Offenhauser conversion;
390cfm carb with auto choke

- | | | |
|---|-----|----------------|
| Kit 1
With 3" deep air cleaner. | (1) | RB7262 |
| Kit 2
With 2" deep air cleaner for extra bonnet clearance. | (1) | RB7262L |

**WEBER- EDELBROCK
PERFORMER CARB KIT**

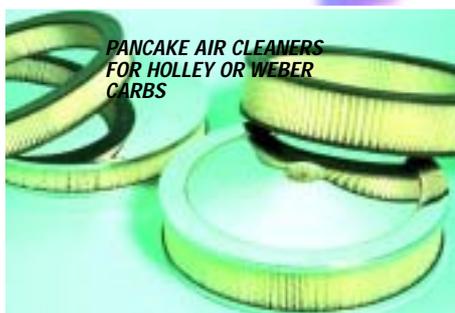


Weber/Edelbrock Performer conversion;
500cfm carb with manual choke

- | | | |
|---|-----|----------------|
| Kit 1
With 3" deep air cleaner. | (1) | RA1323 |
| Kit 2
With 2" deep air cleaner for extra bonnet clearance. | (1) | RA1323L |

V8 - 4 Barrel Carb Components

Carburettor only		
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
Inlet manifold - 4 barrel carb Suitable for Weber & Holley carbs		
Offenhauser 360°	(1)	RB7314
Dual Plane. Lowest bonnet clearance.		
Offenhauser/JWR (Dual Port)	(1)	RA1336
Edelbrock performer	(1)	RA1337
Dual Plane. High Torque.		
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
Auto choke conversion kit (Weber)	(1)	RA1323ACH
Manual choke cable (Holley)	(1)	RB7290



**PANCAKE AIR CLEANERS
FOR HOLLEY OR WEBER
CARBS**

V8 - 4 Barrel Air Cleaners

Air cleaner kit; 14" diameter chromed 'pancake' type, complete with filter, suitable for Weber & Holley. See also K&N filter assys.		
standard - 3" deep	(1)	RB7438
'low-rider' - 2" deep	(1)	RB7439
For extra bonnet clearance.		
Replacement element - air cleaner;		
standard element		
3" deep	(1)	RB7438EL
2" deep	(1)	RB7439EL
K&N element		
3" deep	(1)	RB7438ELK
2" deep	(1)	RB7439ELK
Adaptor - breather pipe Air cleaner base to flame trap/breather.	(1)	RB7654

K&N V8 - 4 Barrel Air Cleaners

See following pages for applications on standard V8 carbs and diesel K&N's.

K&N 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.



Fuel System Components - 2.0 Mpi

Gasket - inlet manifold - 2.0 Mpi;		
upper to lower	(1)	LKJ10030
inlet manifold to engine	(1)	LKJ10027
Injector - 2.0 Mpi	(4)	MJY10029
'O'-ring seal - injector	(8)	RTC5679
Fuel temperature sensor	(1)	MEK10002
Seal - fuel temp sensor	(1)	MYF10018
Fuel pressure regulator - Mpi	(1)	MKW10011
Throttle potentiometer - Mpi	(1)	MKG10004

Fuel System Components - Diesel

Gasket - inlet/exhaust manifold;		
200Tdi	(1)	ERR1208
300Tdi	(1)	ERR3785
Air temperature sensor - 300Tdi	(1)	ERR2082
Sealing washer - temp. sensor	(1)	ERR894
Glow plug - 200/300Tdi	(4)	ETC8847
Injection pump assembly;		
200Tdi	(1)	ERR459
300Tdi	(1)	ERR4419
Gasket - injection pump;		
200Tdi	(1)	ERR631
300Tdi	(1)	ERR2023
Switch - cut-off - 200Tdi	(1)	RTC6702
<i>Fitted to injection pump.</i>		
Injector assembly;		
200Tdi	(4)	ETC8412
300Tdi		
eng nos 17L, 18L, 19L & 20L	(3)	ERR3348
	(1)	ERR3337
eng nos 21L & 22L	(4)	ERR3339

Accelerator & Choke Control - all models

Accelerator cable;		
V8 carburettor		
rhd	(1)	NTC7126
lhd	(1)	NTC7535
V8 efi		
rhd	(1)	ANR5328
lhd	(1)	ANR5327
2.0 Mpi		
rhd	(1)	ANR2057
lhd	(1)	ANR2078
200/300Tdi - up to 1995		
rhd		
up to VIN JA031012 (1992)	(1)	NTC7226
VIN JA013013 on	(1)	ANR3606
lhd		
up to VIN JA031011	(1)	NTC7227
JA031012 on	(1)	ANR3606
300Tdi - 1996 (VIN TA163104/TA501919) on		
drive-by-wire		
rhd	(1)	SBB104250
lhd	(1)	ANR4617
cruise control		
rhd	(1)	ANR4513
lhd	(1)	SBB104330
Choke cable - V8 (carbs)	(1)	NTC7723
Grommet - choke cable	(1)	235113

Air Filter - Standard - all models

Air filter element;		
V8		
carburettor	(2)	605191
efi		
up to VIN LA081991 (1994)	(1)	RTC4683
<i>Cylindrical air cleaner.</i>		
VIN MA081992 (1995) on	(1)	ESR1445
<i>Square-type air cleaner.</i>		
2.0 Mpi	(1)	ESR1445
200Tdi		
up to VIN JA018272 (1992)	(1)	NTC1435
VIN JA018273 (1992) on	(1)	ESR1049
300Tdi	(1)	ESR1445
Seal - V8 carb air filter	(4)	RTC5888
'O'-ring - V8 efi airflow meter seal	(1)	NTC3354

Engine Breather System - all models

Breather/flame trap;		
<i>Right hand rocker cover, efi engines.</i>		
original	(1)	RB7432
short type - 1/2 original size	(1)	RB7432LOW
powder coated		
black	(1)	RB7432PCB
red	(1)	RB7432PCR
chromed	(1)	RB7432C
Breather grommet (pair)	(1)	RB7432ZG
'O' ring/seal - flame trap	(1)	564258
Oil filler neck	(1)	ERC2989
Oil filler cap	(1)	625038
'O' ring/seal - filler cap	(1)	564258
Breather filter - efi models	(1)	ERC3209
<i>Rear of LH rocker cover.</i>		
Cap - breather filter (efi)	(1)	ERC3208
Engine breather - 200/300Tdi	(1)	ERR1471
Hose - breather - diesel;		
200Tdi	(1)	ERR3381
300Tdi	(1)	ERR4689

Fuel Filter - all models

Fuel filter assembly;		
V8 engines		
carburettor	(1)	NRC9786
efi	(1)	ESR4065
2.0 Mpi engine	(1)	ESR4065
diesel engines		
<i>Filter element & seal.</i>		
heated	(1)	RTC5938
non heated	(1)	AEU2147
Element & seal - fuel filter	(1)	JS660L
<i>V8 carburettor.</i>		
'O'-ring - pipe to filter	(2)	ESR259
<i>Efi filter</i>		
Switch - heated filter	(1)	STC612
Filter/sedimentor - diesel	(1)	NRC9708
Seal - sedimentor;		
upper	(1)	AAU9903
lower	(1)	AAU9902

Fuel Tank - all models

Fuel tank;		
petrol (all models)	(1)	WHN100000
diesel (all models)	(1)	ESR2584
Cradle - fuel tank support	(1)	NTC5787
<i>All models.</i>		
Filler cap - fuel tank	(1)	NTC5418
<i>All models - non-locking.</i>		
Seal - filler cap to neck	(1)	NTC5916

Fuel Level Sender Unit - all models

<i>Diesel engine vehicles only.</i>		
<i>The fuel level sender on petrol engine vehicles is combined with the fuel pump.</i>		
Sender unit;		
up to VIN KA065556 (1993)	(1)	PRC7129
VIN KA065557 on	(1)	ESR1223
Locking ring - sender (black)	(1)	NTC6872

Air Filter - K&N

For 4-barrel carb filters see previous pages.

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 Discoverys, 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>		
V8 carb vehicles	(2)	RB7296
<i>SU. (Clamp to intake elbows)</i>		
V8 - efi vehicles -	(1)	RA1060
<i>Replaces air box assy. Filter clamps to air flow meter.</i>		
Diesel vehicles		
200Tdi	(1)	ESR1049K&N
300Tdi	(1)	ESR1445K&N
Cleaning fluid (1 litre)	(a/r)	RX1346
<i>For cleaning filter element.</i>		

Fuel Pump - all models

The fuel pump fitted to both carb & efi petrol-engine Discovery models is located inside the fuel tank and is integral with the fuel level sender unit. However, the fuel pumps are not interchangeable, as carburettor engines have a low pressure pump and efi vehicles a high pressure item. The difference between the two is visible from outside: low pressure pumps have a yellow locking ring and high pressure, a red one. Discoverys fitted with the Tdi engine have a conventional, engine-mounted, mechanical lift pump.



Fuel pump - petrol;		
carburettor	(1)	PRC7128
efi - V8 & 2.0 Mpi		
up to VIN KA065556 (1993)	(1)	PRC9409
VIN KA065557 onwards	(1)	ESR3926
Gasket - fuel pump	(1)	NTC5859
<i>All versions.</i>		
Suppressor - fuel pump	(1)	PRC7491
Locking ring - fuel pump;		
yellow	(1)	NTC6871
red	(1)	NTC5858

Fuel Pump - uprated (carb type) (1) RB7259
Facet competition high capacity electric pump. Complete with unions.



Fuel pump - diesel;		
<i>Mechanical.</i>		
200Tdi	(1)	STC1190
300Tdi	(1)	ERR5057
Gasket - pump to block	(1)	ERR2028
<i>200/300Tdi.</i>		

Element oil (For re-oiling element):

1 fl oz sachet	(a/r)	RX1347
250ml bottle	(a/r)	RX1348
400ml aerosol	(a/r)	RX1349

FUEL SYSTEM COMPONENTS

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.



STAINLESS STEEL EXHAUSTS - A GREAT INVESTMENT. EXHAUSTS 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.

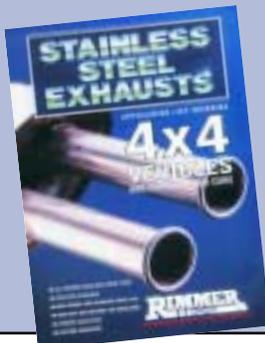
Sports Systems are only available in Stainless Steel.

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 DISCOVERY - V8 SPORTS EXHAUST SYSTEM



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

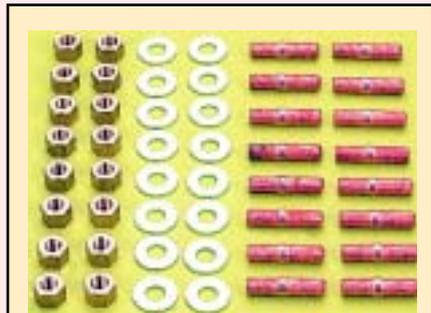
Sports Exhaust System Stainless Steel - V8 Models

*Available for all Discovery V8 (pre August '95, see note below) models, our stainless steel Sports Exhausts comprise tubular manifolds with large-bore, single pipe systems and sports silencers. Designed to increase power & torque, Sports Systems also enhance the look of your Discovery as well. The sound is pure V8, but comfortably refined inside the car at cruising speeds. Each system include fitting instructions, gaskets and fittings to assemble the system using existing mounting positions.

Also available: manifold fitting kit and Thermo-tec manifold wrap. See panels.

Sports exhaust - V8;			
3.5 litre (carb)			
up to VIN GA (Sept 1990)	(1)	RD1007	
3.5 litre (Efi)			
VIN HA (Oct 1990) on	(1)	RD1009	
From introduction of tubular gearbox crossmember.			
3.9 litre (Sept 1993 on)	(1)	RD1009	

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. Our manifolds have provision for lambda sensors. Blanking plugs are supplied with all systems if lambdas are not fitted.



DISCOVERY 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).

EXHAUST - V8 SPORTS

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 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 either a Holley or Weber 4 barrel carb (see our Fuel Section).

Similarly, standard Efi vehicles will need no modifications to the injection system when fitting a Sports Sytem 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 and torque and better fuel efficiency, (see our Electrical 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



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 RD) 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 a single component, please refer to the relevant section

Full system - V8 - 3.5 litre;

Carb (non catalyst)

To VIN GA 467181. Twin tailpipes

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1002 |
| fitting kit | (1) | RD1002FK |

Efi (non catalyst)

VIN GA 467182 on. Twin tailpipes

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1010 |
| fitting kit | (1) | RD1010FK |

Efi (including catalyst)

VIN GA 467182 on. Single tailpipe

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1011 |
| fitting kit | (1) | RD1011FK |

Full system - V8 - 3.9 litre;

3.9 to 1995 (including catalyst)

to VIN MA 135999.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1012 |
| fitting kit | (1) | RD1012FK |

3.9 1995 to 9/96 (including catalyst)

VIN MA 136000 to VIN VA.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1012 |
| fitting kit | (1) | RD1012FK |

3.9 10/96 on (including catalyst)

from VIN VA 703297 & VA534104.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1034 |
| fitting kit | (1) | RD1034FK |

Full system - 2.0 MPi;

MPi - all models (including catalyst)

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1003 |
| fitting kit | (1) | RD1003FK |

Full system - Diesel - 200 TDi;

Note: all systems exclude cast downpipe from turbo and are suitable for all derivatives including commercial.

200 TDi - 11/89 to 9/90

to VIN GA 460229.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1004 |
| fitting kit | (1) | RD1004FK |

200 TDi - 10/90 to 9/93

from VIN GA 460230 and VIN HA, JA, KA.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1005 |
| fitting kit | (1) | RD1005FK |

200 TDi - 10/93 to 3/94

VIN LA up to MA81992.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1006 |
| fitting kit | (1) | RD1006FK |

Manual vehicles

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1014 |
| fitting kit | (1) | RD1014FK |

Automatic vehicles

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1014 |
| fitting kit | (1) | RD1014FK |

Full system - Diesel - 300TDi;

Note: all systems are suitable for all derivatives including commercial.

300 TDi - 04/94 on (non catalyst)

VIN MA 81992 on.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1013 |
| fitting kit | (1) | RD1013FK |

300 TDi - 04/94 on (including catalyst)

VIN MA 81992 on.

- | | | |
|-------------------------|-----|----------|
| mild or stainless steel | (1) | RD1001 |
| fitting kit | (1) | RD1001FK |

FULL STAINLESS STEEL SYSTEM 3.5 V8 (CARB) RD1002



Part System Standard - Mild & Stainless Steel

Listed below are part systems for catalyst and non catalyst-equipped vehicles.

Catalysts are normally quite durable, so it is unlikely that you need to replace the full system including catalysis. An MOT emissions failure or a rattle will usually indicate the need to replace the catalysis and perhaps the full system. Likewise, downpipes on Efi non-cat vehicles can have a long life, so you may wish to consider replacing the system rear of the downpipe(s).

Part system - V8 - 3.5 litre;

Efi - 9/90 on - downpipe (twin) back (non cat)

VIN GA 467182 on.

- | | | |
|-----------------|-----|--------|
| mild steel | (1) | ESR230 |
| stainless steel | (1) | LR1122 |
| fitting kit | (1) | EK1009 |

Efi - 9/90 on - cat back

VIN GA 467182 on. Single tailpipe.

- | | | |
|-----------------|-----|---------|
| mild steel | (1) | NTC7426 |
| stainless steel | (1) | LR1085 |
| fitting kit | (1) | EK1009 |

Part system - V8 - 3.9 litre;

3.9 - 9/90 to 1995 - cat back

to VIN MA 135999.

- | | | |
|-----------------|-----|---------|
| mild steel | (1) | NTC7426 |
| stainless steel | (1) | LR1085 |
| fitting kit | (1) | EK1009 |

3.9 - 1995 to 9/96 - cat back

VIN MA 136000 to VIN VA.

- | | | |
|-----------------|-----|---------|
| mild steel | (1) | NTC7426 |
| stainless steel | (1) | LR1085 |
| fitting kit | (1) | EK1009 |

3.9 - 10/96 on - cat back

from VIN VA 703237 to VA534104.

- | | | |
|-----------------|-----|---------|
| mild steel | (1) | NTC7426 |
| stainless steel | (1) | LR1085 |
| fitting kit | (1) | EK1009 |

Part system - 2.0 MPi;

MPi - all models - cat back

- | | | |
|-----------------|-----|---------|
| mild steel | (1) | ESR1699 |
| stainless steel | (1) | LR1086 |
| fitting kit | (1) | EK1047 |

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.

FITTING KITS

Fitting kits include gaskets, sealing rings, 'U' bolts, mounting rubbers, nuts & bolts to assemble the systems; using original hanger points. Mounting brackets and special support components are not included.

Part system - Diesel - 200 TDi;

Note: all part systems are suitable for all derivatives including commercial.

200 TDi - 11/89 to 9/90 (intermediate pipe back)

to VIN GA 460229.

- | | | |
|-----------------|-----|-------------------|
| mild steel | (1) | NTC6791 + NTC7119 |
| stainless steel | (1) | LR1110 |
| fitting kit | (1) | EK1001 |

200 TDi - 10/90 to 3/94 (intermediate pipe back)

from VIN GA 460230 to MA81992.

- | | | |
|-----------------|-----|--------|
| mild steel | (1) | ESR238 |
| stainless steel | (1) | LR1110 |
| fitting kit | (1) | EK1001 |

Part system - Diesel - 300 TDi;

Note: all part systems are suitable for all derivatives including commercial.

300 TDi - 04/94 on (non catalyst - downpipe back)

VIN MA 81992 on.

- | | | |
|-----------------|-----|---------|
| mild steel | (1) | ESR2391 |
| stainless steel | (1) | LR1104 |
| fitting kit | (1) | EK1001 |

300 TDi - 04/94 on (cat back)

VIN MA 81992 on.

- | | | |
|-----------------|-----|---------|
| mild steel | (1) | ESR2390 |
| stainless steel | (1) | LR1104 |
| fitting kit | (1) | EK1001 |

Sports Tdi

Sports - Stainless Steel

Part system - Diesel - 200/300TDi;

Systems comprise straight through pipe to replace centre silencer and standard rear silencer & tailpipe. Front pipe or intermediate pipe not included.

200TDi - 11/89 to 03/94 (intermediate pipe back)

to VIN MA 81992.

- | | | |
|-----------------|-----|---------|
| stainless steel | (1) | LR1110S |
| fitting kit | (1) | EK1001 |

300TDi - 04/94 (downpipe/cat-back)

VIN MA 81992 on.

- | | | |
|-----------------|-----|---------|
| stainless steel | (1) | LR1104S |
| fitting kit | (1) | EK1001 |

Sports - Stainless Steel

Part system - Diesel - TD5 (series 2);

Systems comprise centre silencer & rear silencer with straight through design and 3" dia rolled tailpipe.

TD5 - series 2 (downpipe/cat-back)

1998 on

- | | | |
|-----------------|-----|----------|
| stainless steel | (1) | RD1035 |
| fitting kit | (1) | RD1035FK |

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.



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	DESCRIPTION	MILD STEEL	S/STEEL
System Components - V8 - 3.5 litre.			System Components - Diesel - 200 TDI.		
Carb - 11/89 to 9/90 (non catalyst) to VIN GA467181			<i>Note: all components are suitable for all derivatives including commercial.</i>		
downpipe RH	NTC2802	LR74	Cast downpipe (from turbo)		
downpipe LH	NTC3226	LR75	<i>Not included with exhaust systems.</i>		
Y-pipe	NTC4061	LR76	200 TDI (11/89 - 9/90 to VIN GA460229)	ERR1295	
centre silencer	NTC1322	LR77	200 TDI (10/90 on)	ERR1295	
rear section & t/pipe (twin tailpipe)	STC1428	LR107	from VIN GA460230 (manual)		
EFI - 9/90 on (non catalyst) VIN GA467182 on			200 TDI (10/90 on) from eng.no 14L34769A (auto)	ERR4530	
downpipe assy (twin)	ESR225	LR148	200 TDI - 11/89 to 9/90 to VIN GA460229		
centre/rear assy (twin tailpipes)	ESR230	LR1122	intermediate pipe	NTC6754	LR109
EFI - 9/90 on (catalyst equipped) VIN GA467182 on			centre silencer	NTC6791	LR110
downpipe/cat assy	ESR3063(oe)	ESR3063P(not oe)	rear silencer & tailpipe	NTC7119	LR111
centre/rear assy	NTC7426	LR1085	200 TDI - 10/90 to 9/93 from VIN GA460230 and VIN HA, JA, KA		
System Components - V8 - 3.9 litre.			intermediate pipe	ESR237	LR115
3.9 - 9/90 to 1995 (catalyst equipped) to VIN MA135999			centre/rear assy	ESR238	LR1110
downpipe/cat assy	ESR3063(oe)	ESR3063P(not oe)	200 TDI - 10/93 to 03/94 VIN LA up to MA81992		
centre/rear assy	NTC7426	LR1085	Manual vehicles		
3.9 - 1995 to 9/96 (catalyst equipped) VIN MA136000 to VIN VA			intermediate pipe	ESR2818	LR610
downpipe/cat assy	ESR3059(oe)	ESR3063P(not oe)	centre/rear assy	ESR238	LR1110
centre/rear assy	NTC7426	LR1085	Automatic vehicles		
3.9 - 10/96 on (catalyst equipped) from VIN VA703237 and VA534104			intermediate pipe	ESR2628	LR229
downpipe/cat assy	ESR3730(oe)	ESR3730P(not oe)	centre/rear assy	ESR238	LR1110
centre/rear assy	NTC7426	LR1085	System Components - Diesel - 300 TDI.		
System Components - 2.0 MPI.			<i>Note: all components are suitable for all derivatives including commercial.</i>		
All models			300 TDI - 04/94 on (non catalyst) VIN MA81992 on		
downpipe (non catalyst)	ESR2620	ESR2620SS	downpipe assy (non cat)	ESR2740	LR222
downpipe/cat assy	ESR2602(oe)	ESR2602P(not oe)	centre/rear assy	ESR2391	LR1104
centre/rear assy	ESR1699	LR1086	300 TDI - 04/94 on (catalyst equipped) VIN MA81992 on		
			downpipe/cat assy	ESR3495(oe)	ESR3495P(not oe)
			centre/rear assy	ESR2390	LR1104

QUICKFINDER GASKETS & FITTINGS Standard Exhaust

SEE ALSO 'FITTING KITS' FOR FULL OR PART SYSTEMS.

Gasket - manifold to head;		
V8		
up to 1994 (VIN LA)	(8)	AJM692
1995 (VIN MA) onwards (twin-port type)		
right hand / left hand	(4)	ERR6733
200Tdi (in/exh)	(1)	ERR1208
300Tdi (in/exh)	(1)	ERR3785
2.0Mpi	(1)	LKG10002
Gasket - manifold to downpipe;		
V8 - twin downpipe (efi)		
up to 1996 (VIN TA)	(2)	ETC4524
1997 (VIN VA) on	(2)	ESR3737
200Tdi		
manifold to turbo	(1)	ETC7514
turbo to pipe	(1)	ETC7513
300Tdi (turbo to pipe)		
non-cat / cat-equipped	(1)	ETC7513
2.0Mpi	(1)	ESR3122

Bolt - manifold to cyl head;		
V8		
	(16)	GHF165
2.0Mpi	(3)	LYP10028
Lockwasher - manifold bolts (V8)	(4)	90613659A
Manifold stud kit - V8	(1)	EF1001
<i>Replaces exhaust manifold bolts with studs (which fit permanently into cyl heads) and brass nuts.</i>		
Stud - manifold to cyl head (diesel);		
200Tdi		
M10x25mm	(5)	TE110051
M8x25mm	(2)	TE108051
M10x35mm	(2)	TE110071
300Tdi		
M8x25mm	(2)	TE108051
M10x35mm	(7)	TE110071
Nut - manifold to cylinder head;		
200/300Tdi		
M8	(2)	FN108041
M10	(7)	ERR597
2.0Mpi	(2)	ESR2034
Stud - manifold to downpipe;		
V8		
carb	(6)	252623
efi	(6)	ERR551
200Tdi (to turbo)	(4)	ERR551
2.0Mpi	(4)	TE110051

Nut - manifold to downpipe;		
V8		
carb (5/16 UNF)	(6)	NH605041
efi (M8)	(6)	ESR2033
200Tdi		
manifold to turbo	(4)	ETC7184
turbo to downpipe	(3)	ERR597
300Tdi		
non-cat	(3)	ERR597
cat-equipped	(3)	ESR2034
2.0Mpi (M10)	(4)	ESR2034
Olive - silencer	(A/R)	EG47
Lambda sensor	(A/R)	ERR6729
Rubber hanger - silencer/tailpipe;		
V8 & Mpi	(a/r)	NTC5582
diesel		
up to VIN MA090610 (1995)(a/r)		NTC5582
VIN MA090611	(a/r)	ESR3172
Exhaust jointing compound	(1)	GCH112

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 almost certainly 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 Discovery, refer to the serial number stamped on the unit itself:

The 5-sp gearbox fitted to Discovery is either the LT77 unit or the R380, which replaced the LT77 in 1994.

Both types of gearbox have identification numbers according to which engine they mate to, as follows:

- 57A - V8 carb
- 53A - V8 efi
- 55A - Tdi
- 59A - 2.0 Mpi

Then follows the serial number and finally, a suffix letter: D, E, F, G or H for LT77 and IJ & K for R380.

All gearboxes have a separate LT230T transfer boxes.



Manual Gearbox Unit

Gearbox assembly.

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

Less transfer box, bellhousing & gear lever.

LT77 5-sp		
V8 models	(1)	FRC6197
4 cylinder models	(1)	FRC8572
R380 5-sp		
V8 models	(1)	RA1100
4 cylinder models		
2.0 Mpi	(1)	TRC103040
200/300 Tdi	(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:

LT77 5-sp;		
up 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
R380 5-sp	(1)	RA1256

Gaskets & Oil Seals

Gasket set - LT77	(1)	RTC6797
Oil seal - front - LT77 & R380	(1)	UKC1060
Oil seal - rear;		
LT77	(1)	ICV100000
R380	(1)	FTC2383

Gearlever Housing Kit

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

Gearlever housing kit:

LT77	(1)	RA1259
<i>Inc: Spherical nylon bush, oil seals, gaskets, lever springs, 2 x lower lever pins and plungers & springs.</i>		
R380	(1)	RA1260
<i>Inc: lever springs, lower pins, spherical bush and oil seals.</i>		

Reverse Light Switch

Switch - reverse light;

LT77	(1)	PRC2911
<i>Located in lever housing.</i>		
R380	(1)	AMR3918
<i>Located in rear extension.</i>		

Locknut - reverse switch - LT77	(1)	NT110041
Washer - reverse switch - R380	(1)	232042

Speedo Cable

See 'Transfer Gearbox' section.

Mountings

See 'Engine & Gearbox Mountings' section.

Clutch Housing/Operation

See 'Clutch' section.



Gear Oil

Unipart (EP90) 0.5 litre	(A/R)	GGL190
Unipart (ATF) 0.5 litre	(A/R)	GGL175
Unipart (ATF) 5 litres	(A/R)	GGL505

LUBRICANTS & CAPACITIES

	LUBRICANT	CAPACITY
Main Gearbox		
LT77	ATF	2.2 litres (3.9 pints)
R380	ATF	2.7 litres (4.7 pints)
4sp auto (ZF)	ATF	9.1 litres (16 pints)
Transfer Gearbox		
LT230T	EP90	2.8 litres (4.9 pints)

Oil Cooler

Please contact our Sales Department for price & availability of gearbox oil coolers.

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SERIAL NUMBER LOCATION

The ZF HP22 4sp automatic gearbox fitted to Discovery has a plate, bearing the unit's serial number, attached to the lower left hand side of the gearbox casing, visible from beneath the vehicle.
Please quote the unit's serial number when ordering parts for your auto' gearbox.

Automatic Gearbox

Gearbox assembly;

V8		
3.5 litre	(1)	FTC255
3.9 litre	(1)	FTC3099
Tdi	(1)	FTC2756

Torque Converter

Torque converter;

V8	(1)	FRC5981
Tdi	(1)	STC1580

Drive Plate

Driveplate (automatic);

Complete assembly;

V8	(1)	FRC7851
diesel		
200Tdi	(1)	FTC4049
300Tdi		
with EGR Exhaust Gas Recirculation.	(1)	FTC4050
with EDC Electronic Diesel Control.	(1)	FTC4052

Ring gear only - auto;

V8	(1)	603340
diesel		
200Tdi	(1)	ERR4827
300Tdi	(1)	ERR4829

Bolt - driveplate to crankshaft (6) SS607061

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 (1) FTC651

Spigot aligner (1) FRC7075

Selective shim - torque converter height;

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 (1) RTC5100

Includes full set of gearbox oil seals & gaskets.

Oil seal;

front shaft	(1)	RTC5102
rear shaft	(1)	RTC4650

Gasket - gearbox sump (1) RTC4268

Washer - drain plug (1) STC1060

Seal - lower bellhousing (1) 594087

Gasket - lower bellhousing plate (1) FRC7707

Oil strainer (1) RTC4653

'O'-ring - strainer (1) RTC4276

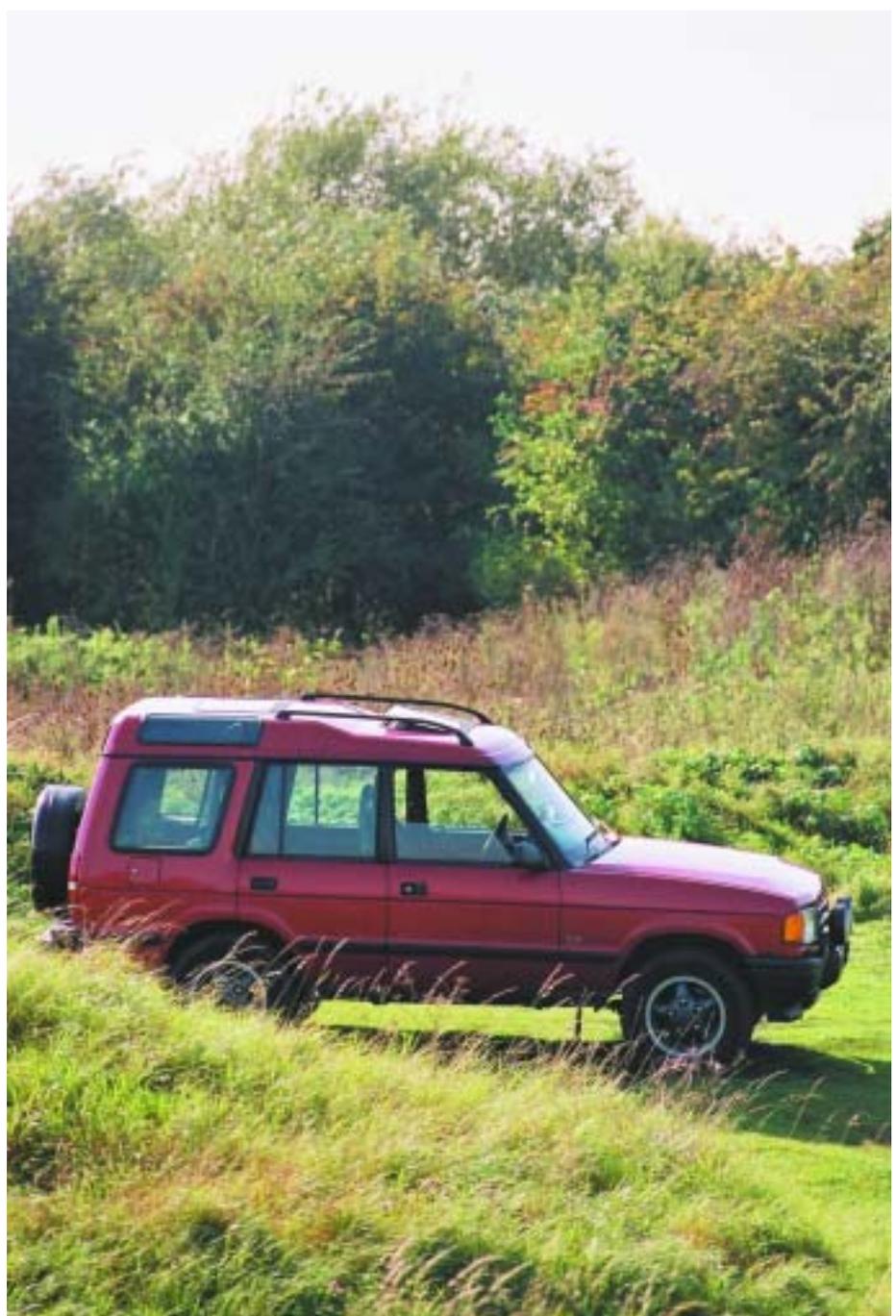
'O'-ring - oil suction pipe (1) RTC5818

Cables

Cable - gear selector (1) FTC566

Kickdown cable - 4-sp;

V8	(1)	RTC4854
Tdi	(1)	STC1583



AUTOMATIC GEARBOX

Oil Cooler

Oil cooler - auto gearbox;

V8 (1) ESR1703

Tdi

up to VIN LA (1994) (1) ESR2288

VIN MA (1995) on (1) ESR3228

Switch - oil temperature (1) AMR4948

For gearbox oil cooler.

Gearbox Oil

Unipart ATF;

0.5 litre (A/R) GGL175

5 litre (A/R) GGL505

LUBRICANTS & CAPACITIES

	LUBRICANT	CAPACITY
Main Gearbox		
LT77	ATF	2.2 litres (3.9 pints)
R380	ATF	2.7 litres (4.7 pints)
4sp auto (ZF)	ATF	9.1 litres (16 pints)
Transfer Gearbox		
LT230T	EP90	2.8 litres (4.9 pints)

Speedo Cable

See 'Transfer Gearbox' section.

Mountings

See 'Engine & Gearbox Mountings' section.

Miscellaneous

Gear selector bezel;

up to 1994 (VIN LA) (1)BTR9926LNF

illumination film (1) BTR4029

up to 1995 (VIN MA) on

selector mechanism (1)BTR9926LNF

Ash grey.

Bulb - selector illumination (2) STC881

All models.

Inhibitor/reverse switch (1) RTC4937

Transfer Gearbox

The transfer gearbox fitted to all Discovery models up to 1998 - manual and auto - is Land Rover's LT230T unit. When ordering a replacement transfer box, please quote the old unit's serial number, which is stamped on the rear lower face of the unit.

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

Part number suffix codes:
New (N), Factory recon (E), Aftermarket recon (R).

V8 & Tdi (28D)	(1)	RA1106
Mpi (34D)	(1)	STC3609

Centre Differential

Centre differential	(1)	FTC5207
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Gaskets & Oil Seals

Gasket Set - LT230T transfer box	(1)	RTC3890
Gaskets;		
top cover (front)	(1)	FRC7998
side cover (front)	(1)	FRC6105
gearchange housing	(1)	FRC6103
bottom cover	(1)	FRC5416
speedo housing	(1)	FRC5409
P.T.O. cover	(1)	FRC5413
Oil seals;		
front flange	(1)	FRC7043
rear flange	(1)	FRC7043

Diff' Lock Selector

Knob - transfer gear change	(1)	AWR2983PMA
<i>Only available in black.</i>		
Switch - diff lock warning	(1)	PRC2911
Locknut - warning switch	(1)	NT110041

Speedo' Cable/Driven Gear

Speedo cable - main;		
V8 carb & Tdi		
rhd	(1)	PRC9872
lhd	(1)	PRC9873
V8 efi		
rhd	(1)	PRC8232
lhd	(1)	PRC9871
Mpi		
rhd	(1)	PRC9872
lhd	(1)	PRC9873
Speedo cable - transducer to gearbox;		
up to VIN HA473731 (1991)	(1)	PRC6320
VIN HA473732 to LA081991	(1)	PRC7949
Transducer - speedo;		
<i>Electronic speedo.</i>		
up to VIN LA081991	(1)	PRC5956
VIN MA081992 (1995) on	(1)	YBE100540
Driven gear - speedo;		
<i>Fitted into transfer box.</i>		
20 teeth - Tdi & carb V8	(1)	FRC3310
23 teeth - efi V8 & Mpi	(1)	FRC9339
O-ring seal - gear housing	(1)	571665
Oil seal - gear housing	(1)	NKC105A



Parking/Hand Brake

Brake shoe set (Pair);		
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 on.</i>		
Retaining kit - brake shoes;		
horizontal shoes	(1)	STC1214
vertical shoes	(1)	STC1532
Springs - brake shoes;		
horizontal shoes	(2)	STC246
vertical shoes	(1)	ICW100050
Adjuster - brake shoes;		
horizontal shoes	(1)	STC244
vertical shoes	(1)	STC1527
Service kit - for adjuster STC244	(1)	STC245
Expander - brake shoes	(1)	AEU2734
<i>Suitable only for horizontal shoes.</i>		
Service kit - expander	(1)	AEU2735
Retaining kit - expander	(1)	RA1109
Brake drum all models	(1)	FRC3502
Screw - drum retaining	(2)	SA108201
Backplate - handbrake;		
horizontal shoes	(1)	STC963
vertical shoes	(1)	STC1533

Handbrake Cable

Handbrake cable;		
up to VIN KA055568 (1993)	(1)	NTC9400
VIN KA055569 to LA081991	(1)	NTC6125
from VIN MA081992 (1995) on	(1)	STC1528

Handbrake Lever

Grip - handbrake lever	(1)	SNE100090PMA
<i>Only available in black.</i>		
Gaiter - handbrake lever;		
grey	(1)	MXC7387LUN
black	(1)	FJL101710PMA
Switch - handbrake warning;		
up to VIN KA035614 (1993)	(1)	ADU2888
VIN KA035615 on	(1)	CLP8699

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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Front Propshaft

Front propshaft;

all models except 3.9 catalyst	(1)	TVB100610
3.9 with catalysts	(1)	FRC8641
Universal joint - front propshaft	(2)	RTC4587
Grease nipple - universal joint	(2)	549229
Gaiter - front propshaft;		
up to Oct '95	(1)	276483
Oct '95 on	(1)	TVE100000
Clip for gaiter	(2)	CN100508
Bolt - propshaft	(8)	509045
Nut - propshaft bolt	(8)	TN3209

Rear Propshaft

Rear propshaft;

up to VIN LA081991 (1994)	(1)	FRC8387
VIN MA081992 (1995) to TA199999, also TA700000 to VA710668, also TA500000 to VA541627	(1)	FTC3705
<i>With rubber coupling.</i>		
VIN VA710669 & VA541628 onwards		
V8 models	(1)	FRC8387
non V8 models	(1)	FTC3705
<i>With rubber coupling.</i>		
Universal joint - rear propshaft	(2)	RTC4587
Grease nipple - universal joint;		
angled type	(1)	234532
straight type	(2)	549229



Rubber coupling kit - 1995 on (1) **STC2794**
Includes rubber coupling, bolts, washers & nuts.

Bolt - propshaft;

for universal joint	(8)	509045
for rubber coupling	(3)	FTC4043
Nut - propshaft bolt;		
for universal joint	(8)	TN3209
for rubber coupling	(3)	NV112041L

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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.**

PROPSHAFT, UJ & GAITER



PROPSHAFT

INTRODUCTION

The Discovery'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 vehicle 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 have listed complete differential assemblies, both new and reconditioned.

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 March 1994 for the 1995 model year (VIN MA), 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.

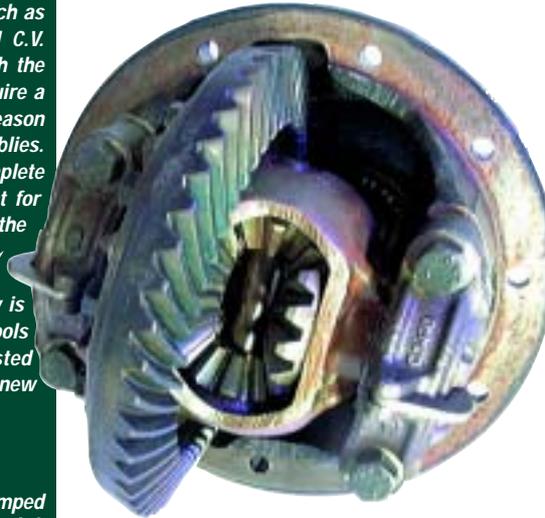
MORE STOCK EVERY DAY

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Front Axle

Axle assembly - front		Please enquire
Breather pipe - front axle	(1)	FTC2175
Banjo bolt - breather	(1)	595478
Washer - banjo bolt	(1)	232039



Differential

*Note: early differentials accept 10-spline halfshafts while later units accept 24-spline shafts. Please check your axle number and refer to the following list before ordering:

10 Spline Differentials

18L axles
19L axles
34L axles
35L axles
38L axles up to 38L03120
39L axles up to 39L05552
42L axles up to 42L00521
43L axles up to 43L18579

24 Spline Differentials

38L03121 onwards
39L05553 onwards
42L00521 onwards
43L18580 onwards
All axles from March '94 onwards

Differential assembly - front;

N = New
E = Factory reconditioned
R = Rimmer Bros reconditioned
Complete & ready to fit to axle.

10 spline shaft*	(1)	FTC2750
See note above		
24 spline shaft*	(1)	FTC3272
Gasket - diff housing cover	(1)	7316

All models.

Oil seal - diff pinion;
all vehicles to 1994 (1) **FRC8220**

1995 vehicles (VIN MA) on

up to the following axle nos:(1) **FRC8220**
71L49101A, 72L34502A, 74L05336A, 75L17519A,
76L05465A, 77L11316A & 78L50959A.

the following axle nos. on (1) **FTC5258**
71L49102A, 72L34503A, 74L05337A, 75L17520A,
76L05466A, 77L11317A & 78L50960A.

Bearing - differential; pinion		
outer	(1)	539707
inner	(1)	539706

differential		
early 10 spline diffs	(2)	RTC2726
See Note under Differential.		
24 spline diffs	(2)	RTC3095

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.

Halfshaft - Front

There are two different types of halfshaft/C.V. joint assembly: Up to VIN JA032850 (1992), drive is conveyed from the differential via a 10 spline halfshaft, which engages into a C.V. joint inside the swivel housing. Drive is then transmitted through a separate outer shaft (known as the 'driving member'), which engages in the C.V. joint at its inner end and bolts to the wheel hub at its outer end.

From VIN JA032851, a halfshaft is employed, as before (either 10 or 24 spline), but the C.V. joint into which it engages now incorporates the outer shaft as one complete assembly. The outer end of the C.V. joint/shaft is splined to engage in the outer hub, thereby transmitting drive. Vehicles with ABS employ the later type of combined C.V. joint/shaft. However, ABS assemblies are not interchangeable with non-ABS.

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

to VIN JA032850 (1992)		
10 spline shaft		
rh	(1)	FRC9518
lh	(1)	FRC9519

VIN JA032851 (1992) on
See Note under Differential.

10 spline shaft		
rh	(1)	FTC862
lh	(1)	FTC863
24 spline shaft		
rh	(1)	FTC3146
lh	(1)	FTC3147

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

rh	(1)	FTC3146
lh	(1)	FTC3147

Halfshaft only - non-ABS;

See Note under Differential.

to VIN JA032850 (1992)		
rh	(1)	RTC5840
lh	(1)	RTC5842

VIN JA032850 on

10 spline		
rh	(1)	RTC6754
lh	(1)	RTC6755
24 spline		
rh	(1)	STC3049
lh	(1)	STC3050

Halfshaft only - vehicles with ABS

rh	(1)	STC3049
lh	(1)	STC3050
Circlip - halshaft (1992 on)	(2)	STC579

Including ABS vehicles.



C.V. Joint - Front

Please see the notes at the beginning of the Halfshaft section, concerning the two different types of C.V. joint.

C.V. joint;		
non-ABS vehicles		
up to VIN JA032850	(2)	RTC5843
VIN JA032851 on	(2)	RTC6811
C.V. joint incorporates outer driveshaft.		
vehicles with ABS	(2)	TDJ00010

Spacer - C.V. joint - all vehicles	(2)	RTC5841
Thrust sleeve - C.V joint	(2)	571822
Vehicles up to VIN JA032850.		

Circlip - outer shaft	(1)	549473
Non-ABS & ABS-equipped vehicles from VIN JA032851 on.		

Chrome Swivel Ball - Front

Chrome swivel ball;		
non-ABS vehicles	(2)	FRC7065
vehicles with ABS	(2)	FTC5105
Gasket - chrome swivel	(2)	FTC3646
Oil seal - chrome swivel;		
internal (small)		
non-ABS vehicles	(2)	571718
vehicles with ABS	(2)	FTC3276
external (large)		
<i>If in doubt, measure thickness before ordering.</i>		
12.5mm thick - early	(2)	571890
9mm thick - later vehicles	(2)	FTC3401
Plate - oil seal retainer	(2)	571755



Swivel Housing (Steering Swivel)

Please enquire for price & availability of swivel housings.

Non-ABS vehicles - up to VIN JA032849 (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 JA032850 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)	FTC3647
Damper - lower swivel pin;		
rh	(1)	FTC1616
lh	(1)	FTC1617

ABS-equipped vehicles		
Taper roller bearing - lower	(2)	606666
Housing & bush assembly - upper	(2)	FTC125
Thrust washer - lower	(2)	FTC124
Swivel pin kit - upper	(2)	STC226
Bush - upper swivel pin	(2)	FTC1374
<i>For ABS sensor.</i>		
Seal - upper swivel pin	(2)	FTC1376
<i>For ABS sensor.</i>		
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

Hub & Driveshaft - Front

Hub & wheelstud assembly;		
up to VIN JA032849 (1992)	(2)	FTC1457
VIN JA032850 on	(2)	FTC942
Wheelstud	(10)	FRC5926

Wheel bearing kit - per wheel;
Comprises: 2 x wheel bearings, inner & outer hub seals, lock washer and outer hub gasket. 2 kits req'd per axle.

up to VIN JA032849 (1992)	(2)	RD1037
VIN JA032850 on	(2)	RD1038
Bearing only - hub	(4)	RTC3429
Hub seal - inner	(2)	FTC4785
Hub seal - outer	(2)	FRC8222
<i>Up to VIN JA032849 only.</i>		
Tab washer - hub lock nuts;		
up to VIN JA032849	(2)	FRC8002
VIN JA032850 on		
outer	(2)	FTC3179
inner	(2)	FTC5241
Lock nut - hub	(4)	FRC8700



Stub Axle - Front

Seal - stub axle	(2)	FTC840
Bearing - stub axle	(2)	FTC861
Thrust washer - stub axle	(2)	FTC56
Gasket - stub axle to swivel h'sing	(2)	FTC3648
Mud shield - stub axle	(2)	FRC2310

Outer Hub (Driving Member)

Outer hub (driving member);		
up to VIN JA032849	(2)	571761
<i>With shaft attached.</i>		
VIN JA032850 on	(2)	RUC105200
<i>Without driveshaft.</i>		
Gasket - outer hub	(2)	571752

Gear Oil

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

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 Discovery's rear axle - like the front - 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 Discovery 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 have listed complete differential assemblies, both new and reconditioned.

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.

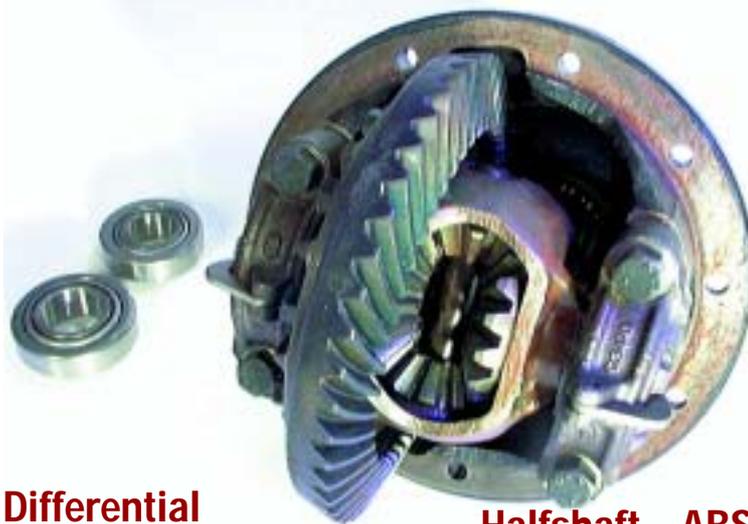
IMPORTANT - ABS

ABS was introduced in March 1994 for the 1995 model year (VIN MA), 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

Rear Axle assembly	Please enquire
Breather pipe	(1) FTC2176
Banjo bolt - breather pipe	(1) 595478
Copper washer - banjo bolt	(1) 232039
Washer - axle drain plug	(1) 515599



Differential

*Note: early differentials accept 10-spline halfshafts while later units accept 24-spline shafts. In addition, some rear differentials from March 1994 are fitted with a 3-bolt flange, which accepts the rubber coupling on the rear propshaft. Please check your axle/VIN number and refer to the following list before ordering:

10 Spline Differentials
28S axles up to 28S44171
32S axles up to 32S29121

24 Spline Differentials - 4-bolt flange
28S44172 onwards
32S29122 onwards

24 Spline Differentials - 3-bolt flange
Certain models from VIN MA081992 (March 1994)
- check before ordering.

Differential assembly - front;

N = New
E = Factory reconditioned
R = Rimmer Bros reconditioned
Complete & ready to fit to axle.

10 spline shaft *See Note above	(1)	FTC2750
24 spline shaft		
4-bolt flange	(1)	FTC5142
3-bolt flange	(1)	FTC5143

Gasket - diff housing cover (1) **7316**
All models.

Oil seal - diff pinion;
all vehicles to 1996 (1) **FRC8220**
1997 vehicles (VIN VA) on
up to the following VIN nos: (1) **FRC8220**
VA544244, VA712973.
the following VIN nos. on (1) **FTC5258**
VA544245, VA712974.

Bearing - differential;
pinion
outer (1) **539707**
inner (1) **539706**
differential
10 spline diffs (2) **RTC2726**
See Note under Differential.
24 spline diffs (2) **RTC3095**

Flange kit - differential;
Replacement diff' flange kit, includes flange, oil seal,
mudshield & nut.
4-bolt flange (1) **STC3722**
3-bolt flange (1) **STC3723**

LUBRICANTS & CAPACITIES

Oil type
Differential (front & rear) EP90

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

Halfshaft - ABS & non-ABS

Halfshaft - rear;

* See Note under Differential.

up to VIN JA032849 (1992) 10 spline halfshaft.		
rh	(1)	571882
lh	(1)	571883
VIN JA032850 on		
10 spline		
rh	(1)	FTC3186
lh	(1)	FTC3187
24 spline		
rh	(1)	FTC3270
lh	(1)	FTC3271
Gasket - halfshaft to hub	(2)	571752
Bolt - halfshaft;		
up to VIN JA032849 (1992)	(10)	279146
VIN JA032850 ON	(10)	BX110095

Rear Hub Assembly - ABS & non-ABS

Stub axle;
up to VIN JA032849 (1992) (2) **FRC8005**
VIN JA032850 on (2) **FTC3188**
Gasket - stub axle to axle casing;
non-ABS vehicles (2) **FTC3648**
vehicles with ABS (2) **FTC3650**
Locking plate - stub axle;
non-ABS (2) **FRC2310**
vehicles with ABS (2) **FTC1378**
Hub assembly;
Includes wheels studs.
up to VIN JA032849 (1992) (2) **FRC1457**
VIN JA032850 on (2) **FTC942**
Wheel stud (10) **FRC5926**

Wheel bearing kit - per wheel;
Comprises: 2 x wheel bearings, inner & outer hub seals, lock
washer and outer hub gasket. 2 kits req'd per axle.
up to VIN JA032849 (1992) (2) **RD1037**
VIN JA032850 on (2) **RD1038**
Bearing only - hub (4) **RTC3429**
Hub seal - inner (2) **FTC4785**
Hub seal - outer (2) **FRC8222**
Up to VIN JA032849 only.
Tab washer - hub lock nuts;
up to VIN JA032849 (2) **FRC8002**
VIN JA032850 on
outer (2) **FTC3179**
inner (2) **FTC5241**
Lock nut - hub (4) **FRC8700**

Gear Oil

EP90 gear oil - 0.5 litre (A/R) **GGL190**



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.

NUT & BOLT KITS

Most of the nuts used in the suspension components of your Discovery are of the "locking" type, with a nylon insert. These nuts should be renewed each time they are undone. At the same time, it is good practice to replace any bolts that show signs of wear or corrosion. To simplify this job, we offer a comprehensive suspension nut & bolt kit, which contains all of the nuts and bolts required. Please see our Suspension Packages section.

Shock Absorber - Front Standard

For Upated Shock Absorbers/Kits, refer to Suspension Packages section.

Shock absorber -all models	(2)	STC3703
<i>Includes washers, bushes & nuts.</i>		
Bush - shock absorber;		
<i>Top & bottom.</i>		
standard	(8)	552818
polyurethane	(8)	552818PY
polyurethane kit	(1)	RD1061
<i>Includes front & rear shock absorber bushes (total 14).</i>		
Washer - shock absorber;		
<i>outer</i>		
inner	(8)	500746
Nut - shock absorber	(4)	NRC4365
Turret - shock absorber	(2)	NRC4571
<i>All models.</i>		
Retaining ring - turret	(2)	NRC6372
Locknut - retaining ring	(2)	572087
	(8)	NH605041



Road Spring - Front Standard

For Upated Springs/Kits, refer to Suspension Packages section.

Road spring;		
<i>V8</i>		
rhd	(2)	572315
lhd		
rh	(1)	572315
lh	(1)	NRC4306
<i>Tdi</i>		
up to VIN HA475972 (1991)		
rhd	(2)	NRC2119
lhd		
rh	(1)	NRC2119
lh	(1)	NRC4305
VIN HA475973 to KA038877 (1993)		
rhd	(2)	NTC8477
lhd		
rh	(1)	NTC8477
lh	(1)	NTC8476
VIN KA038878 to MA116460 (1995)		
rh	(1)	ANR1975
lh	(1)	ANR1976
MA116461 (1995) onwards		
rh	(1)	ANR4351
lh	(1)	ANR4350
<i>Mpi</i>		
rh	(1)	572315
lh	(1)	NRC4306
Spring seat - lower	(2)	NRC9700

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 without factory-fitted items are listed in Suspension Packages section.

Anti-roll bar;		
up to 1994 (VIN LA)	(1)	NTC6836
1995 (VIN MA) on	(1)	NTC6837
Bush - anti-roll bar mounting;		
standard	(2)	NTC6828
polyurethane	(2)	NTC6828PY
Link/balljoint assembly	(2)	NTC1888
Bush - link assembly;		
standard	(4)	552819
polyurethane	(4)	552819PY
Bush kit - polyurethane	(1)	RD1062
<i>Includes mounting & link bushes (total 6).</i>		

RADIUS ARM & BUSHES



Radius Arm - Front

Radius arm - front	(2)	NTC2694
Nut - radius arm	(2)	NY120041
Bush - radius arm to axle;		
<i>Available in either standard rubber or polyurethane.</i>		
standard	(4)	NTC6860
polyurethane	(4)	NTC6860PY
Bush - radius arm to chassis;		
standard	(4)	NRC4514
polyurethane	(4)	NRC4514PY
Bolt - radius arm to axle;		
up to VIN MA085297 (1995)	(4)	BX116201
VIN MA085298 on	(4)	BH116207
Nut - radius arm bolt;		
up to VIN MA085297 (1995)	(4)	NY116051
VIN MA085298 on	(4)	NV116047
Bump stop rubber;		
up to VIN MA113760 (1995)	(2)	ANR4188
VIN MA113761 on	(2)	ANR2420

PANHARD ROD & BUSHES



Panhard Rod

Panhard rod	(1)	RB100000
Bush - panhard rod;		
standard	(2)	ANR3410
polyurethane	(2)	ANR3410PY
Bolt - panhard rod to link	(1)	BH114167
Bolt - panhard rod to axle	(1)	BH114167
Nut - panhard rod bolts	(2)	NV114047

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.

FRONT SUSPENSION



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.

NUT & BOLT KITS

Most of the nuts used in the suspension components of your Discovery are of the "locking" type, with a nylon insert. These nuts should be renewed each time they are undone. At the same time, it is good practice to replace any bolts that show signs of wear or corrosion. To simplify this job, we offer a comprehensive suspension **nut & bolt** kit, which contains all of the nuts and bolts required. Please see our **Suspension Packages** section.

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.

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

Shock Absorber - Rear Standard

For Upated Shock Absorbers/Kits refer to Suspension Packages.

Shock absorber;		
Includes washers, bushes & nuts.		
up to VIN LA (1994)	(2)	STC3939
VIN MA (1995) on	(2)	STC3704
Bush - shock absorber;		
upper		
standard	(2)	NRC5593
polyurethane	(2)	NRC5593PY
lower		
standard	(4)	552818
polyurethane	(4)	552818PY
kit - polyurethane	(1)	RD1061
Includes front & rear shock absorber bushes (total 14).		
Washer - mounting bush;		
top		
outer	(2)	NRC5603
inner	(2)	NRC5602
bottom		
outer	(4)	500746
inner	(4)	NRC6235
Nut - shock absorber	(2)	NTC4571

Road Spring - Rear Standard

For Upated Springs/Kits refer to Suspension Packages.

Road spring - petrol & diesel;		
rhd		
up to VIN KA038877 (1993)	(2)	NTC8572
KA038878 to LA081991('94)	(2)	ANR3058
VIN MA (1995) on	(2)	ANR3477
lhd		
up to VIN KA038877 (1993)		
rh	(1)	NTC8572
lh	(1)	NTC8573
VIN KA038878 to LA081991 ('94)	(2)	ANR3058
VIN MA (1995) on	(2)	ANR3477
Spring seat - lower	(2)	NRC9700
Retainer - spring	(2)	NTC6106
Isolator/spring seat - top	(2)	ANR2938
Fitted from VIN MA (1995 model year).		

REAR RADIUS ARM & BUSHES



Radius Arm - Rear

Radius arm (bottom link)	(2)	NTC8328
Note: if replacing earlier (up to VIN HA477039 - 1991) radius arms with later items, they must be fitted as a pair.		
Mounting rubber - radius arm to chassis;		
For polyurethane kits refer to Suspension Packages.		
up to VIN JAO21208 (1992)		
standard (pair)	(1)	STC618
polyurethane (each)	(2)	STC618PY
VIN JAO21209 (1992) on		
standard (each)	(2)	NTC9027
polyurethane (each)	(2)	STC618PY
Washer - radius arm to chassis	(2)	WA120001
Nut - radius arm to chassis (M20)	(2)	NY120041
Bush - radius arm to axle;		
standard	(2)	NTC1772
polyurethane	(2)	NTC1772PY
Bolt - radius arm to axle	(2)	BH610321
Nut - radius arm to axle	(2)	NY610041
Bump stop rubber;		
up to 1994 (VIN LA)	(2)	ANR4189
1995 (VIN MA) on	(2)	ANR2991

UPPER LINK BALLJOINT, BOOT & POLYURETHANE BUSHES



Balljoint - Upper Link (A-Frame)

Please enquire for price & availability of upper link assembly.

Balljoint	(1)	ANR1799
Complete with rubber boot, nut & split pin.		
Nut (castellated) - balljoint	(1)	NTC4618
Split pin	(1)	PS106321
Rubber boot - balljoint	(1)	572338
Bush - top link;		
standard	(2)	NTC1773
polyurethane (pair)	(1)	NTC1773PY
Bolt - top link to chassis	(2)	BH612321
Nut - top link bolt	(2)	NY612041

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 without factory-fitted items are listed in **Suspension Packages** section.

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
Bush kit - polyurethane	(1)	RD1063
Includes both mounting & link bushes (total 6).		



STANDARD SHOCK ABSORBER & SPRING KITS



Kits include 2 front and 2 rear standard shock absorbers and 4 road springs.

Non Anti-roll Bar Vehicles

YEAR/CHASSIS NUMBER	V8		Tdi		Mpi	
	RHD	LHD	RHD	LHD	RHD	LHD
Up to VIN HA472849 (1991)	RD1041	RD1042	RD1045	RD1046	RD1049	RD1049
VIN HA472850 to KA038877 (1993)	RD1041	RD1042	RD1045	RD1047	RD1049	RD1042
VIN KA038878 to VIN LA081991 (1994)	RD1043	RD1044	RD1048	RD1048	RD1044	RD1044

Anti-roll Bar Vehicles

YEAR/CHASSIS NUMBER	V8		Tdi		Mpi
	RHD	LHD	RHD	LHD	RHD&LHD
up to VIN LA (1994)	RD1043	RD1044	RD1048	RD1048	RD1044
VIN MA (1995) to MA135957	RD1050	RD1051	RD1052	RD1052	RD1051
VIN MA135958 (1995) on also MA500000 (1995) on	RD1050	RD1051	RD1052	RD1052	RD1051



STANDARD SHOCK ABSORBER KITS

Kits include 2 front and 2 rear standard shock absorbers.

Non Anti-roll Bar Vehicles	
YEAR/CHASSIS NUMBER	
All models	RD1039

Anti-roll Bar Vehicles	
YEAR/CHASSIS NUMBER	
up to VIN LA (1994)	RD1039
VIN MA (1995) on	RD1040

SUSPENSION BUSH & BOLT KITS

STANDARD & POLYURETHANE

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, plus anti-roll bar bushes where appropriate.

POLYBUSH KITS - original 'Polybush' suspension bushes are available in two types, Classic (red) and Comfort (blue), both equally suitable for Discovery. 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.

POLYURETHANE BUSH KITS (ALTERNATIVE) - these high quality bushes are made from 80 shore hardness polyurethane (black) and offer a performance somewhere between the 'Polybush'; Classic (red) and Comfort (blue).

Both polyurethane kits are supplied as vehicle sets (excluding shock absorber, anti-roll bar & A-frame bushes - see 'Supplementary Polyurethane Bush Kits'), 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).

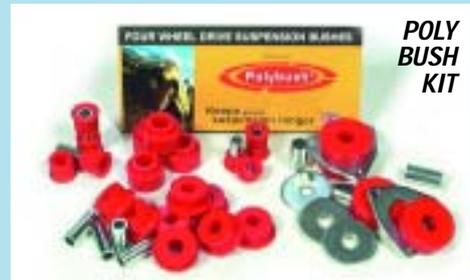
Note: Although polyurethane suspension bushes can be DIY fitted by hand, requiring no special tools, a hydraulic press is needed to remove the old rubber bushes.

BOLT KITS contain all the nuts & bolts necessary when renewing the suspension bushes

	Standard Bush Kit	Polyurethane Bush Kit 'Poly Bush'			Bolt Kit
		Classic	Comfort	Polyurethane Black	
Up to VIN JA021208 ('92)	RD1053	RA1274	RA1275	RA1274AP	RD1056
VIN JA021209 to MA085512 ('95) WITHOUT ANTI-ROLL BARS	RD1054	RA1274	RA1275	RA1274AP	RD1057
VIN JA021209 to MA085512 ('95) WITH ANTI-ROLL BARS	RD1055	RA1274	RA1275	RA1274AP	RD1056
VIN MA085513 ('95) on	RD1055	RA1274	RA1275	RA1274AP	RD1057
Supplementary Polyurethane Bush Kit Includes bushes not supplied in kits listed above (ie shock absorbers, anti-roll bar, 'A' frame & steering damper bushes.				RD1112	



STANDARD BUSH KIT



POLY BUSH KIT



BOLT KIT

Up-rated Shock Absorbers & Springs

The standard shock absorbers and springs fitted to Discovery are a cost-effective compromise between ride comfort, handling, load carrying and towing ability.

We recommend fitting up-rated 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 Discovery (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 up-rated shock absorbers by Bilstein, De Carbon, Koni and Gaz. 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.

Gaz shock absorbers are also adjustable on car with 36 fine-tune settings, zinc-plated bodies, individually tested and supplied with a 3-year warranty (British made).

We recommend changing the vehicle's springs at the same time. You can choose from up-rated 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 KITS ALL MODELS

de Carbon

HEAVY DUTY GAS NON-ADJUSTABLE

Up-rated Shock Absorbers	FRONT (pair)	REAR (pair)	CAR set (4)
De Carbon	RA1345D	RA1346D	RA1344D

Koni

ADJUSTABLE OIL-FILLED

Up-rated Shock Absorbers	FRONT (pair)	REAR (pair)	CAR set (4)
Koni	RA1345K	RA1346K	RA1344K

BILSTEIN

HEAVY DUTY GAS NON-ADJUSTABLE

Up-rated Shock Absorbers	FRONT (pair)	REAR (pair)	CAR set (4)
Bilstein	RA1345B	RA1346B	RA1344B

GAZ SHOCKS

FULLY ADJUSTABLE - 36 SETTINGS

Up-rated Shock Absorbers	FRONT (pair)	REAR (pair)	CAR set (4)
Gaz	RA1345G	RA1346G	RA1344G

UPRATED SHOCK ABSORBER & SPRING KITS ALL MODELS

de Carbon

De Carbon up-rated Shock Absorbers & up-rated Springs	CAR set (4)
with Standard Ride Height Springs <i>Front: 195lb, height 368mm Rear: 195lb, height 438mm</i>	RD1138
with Raised Ride Height Springs <i>Front: 195lb, height 394mm (raised 30mm) Rear: 295lb, height 445mm (raised 40mm)</i>	RA1384

Koni

Koni up-rated Shock Absorbers & up-rated Springs	CAR set (4)
with Standard Ride Height Springs <i>Front: 195lb, height 368mm Rear: 195lb, height 438mm</i>	RD1139
with Raised Ride Height Springs <i>Front: 195lb, height 394mm (raised 30mm) Rear: 295lb, height 445mm (raised 40mm)</i>	RA1386

BILSTEIN

Bilstein up-rated Shock Absorbers & up-rated Springs	CAR set (4)
with Standard Ride Height Springs <i>Front: 195lb, height 368mm Rear: 195lb, height 438mm</i>	RD1140
with Raised Ride Height Springs <i>Front: 195lb, height 394mm (raised 30mm) Rear: 295lb, height 445mm (raised 40mm)</i>	RA1388

GAZ

Gaz up-rated Shock Absorbers & up-rated Springs	CAR set (4)
with Standard Ride Height Springs <i>Front: 195lb, height 368mm Rear: 195lb, height 438mm</i>	RD1066
with Raised Ride Height Springs <i>Front: 195lb, height 394mm (raised 30mm) Rear: 295lb, height 445mm (raised 40mm)</i>	RA1438

UPDATED SPRING KITS



Updated Springs	FRONT (pair)	REAR (pair)	CAR set (4)
Standard Ride Height Front: rate 195lb, height 368mm Rear: rate 195lb, height 438mm	RA1350	RD1058	RD1059



Updated Springs	FRONT (pair)	REAR (pair)	CAR set (4)
Raised Ride Height Front: rate 195lb, height 394mm (raised 30mm) Rear: rate 295lb, height 445mm (raised 40mm)	RA1350R	RA1351R	RA1349R

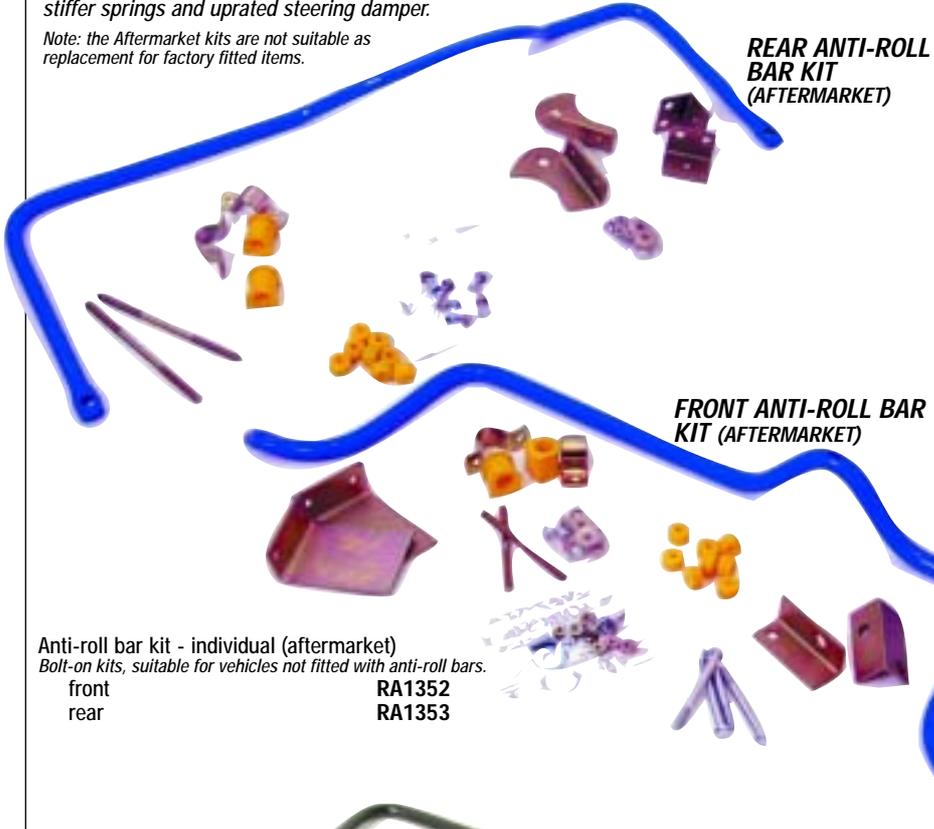


BILSTEIN
Updated Steering Damper
 Used on its own or in conjunction with updated suspension and bush kits, updated steering dampers improve the 'feel' and accuracy of the steering.
 Updated steering damper -Bilstein STC786UR

Anti-roll bars

Anti-roll bars were factory fitted on certain models from 1992 and on all models from 1994. 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, updated shock absorbers, stiffer springs and updated steering damper.

Note: the Aftermarket kits are not suitable as replacement for factory fitted items.



REAR ANTI-ROLL BAR KIT (AFTERMARKET)

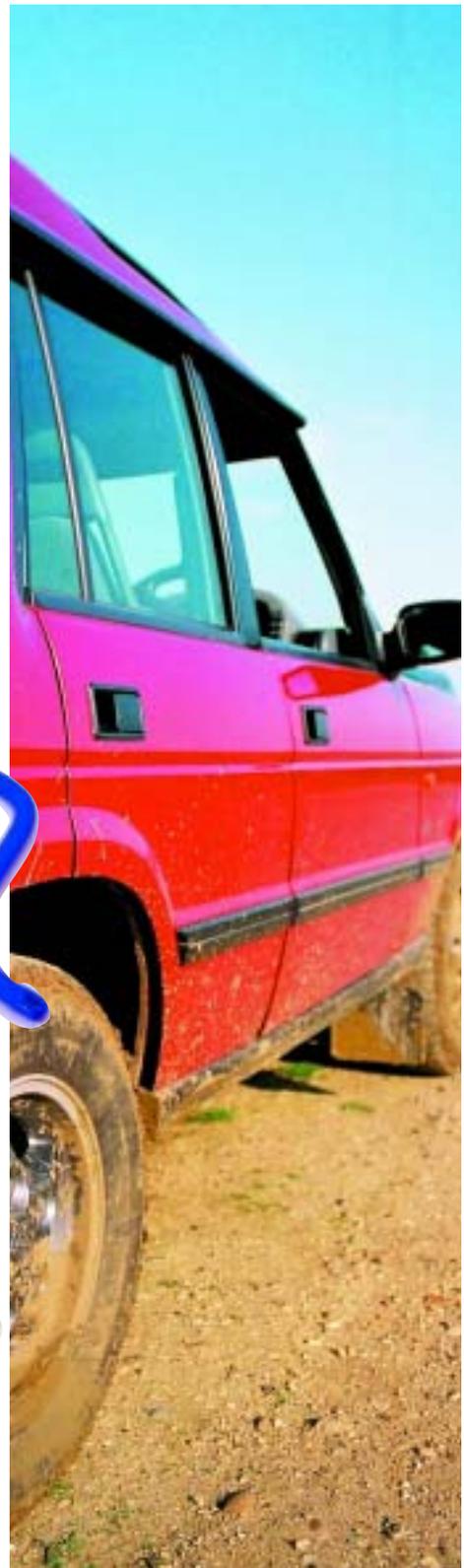
FRONT ANTI-ROLL BAR KIT (AFTERMARKET)

Anti-roll bar kit - individual (aftermarket)
 Bolt-on kits, suitable for vehicles not fitted with anti-roll bars.
 front RA1352
 rear RA1353



FRONT & REAR ANTI-ROLL BAR KIT (GENUINE)

Anti-roll bar kit - front & rear (genuine)
 Note: brackets require welding to chassis.
 Suitable for vehicles not fitted with anti-roll bars.
 vehicles up to Feb 1993 (1) STC8157
 vehicles from March 1993 on (1) STC8156AA



SUSPENSION PACKAGES - Updated

INTRODUCTION

We offer the superb range of genuine Land Rover Alloy Wheels to enhance & upgrade your classic Discovery. Made from M25 Alloy they are x-ray checked to ensure maximum safety with performance and are designed and developed specifically for the Discovery 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 Discovery 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.



ALLOY WHEEL & WHEEL-TYRE PACKAGES

SPORTS



'Sports'
Land Rover Alloy Wheel (5 spoke)
Silver, less centre & nuts (7Jx16)
Wheel only (each) **STC8126**
Wheel set (4) **STC8126K**



'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) **STC8126T**
Wheel & tyre set (4) **STC8126KT**

FREESTYLE



'Freestyle'
Land Rover Alloy Wheel (5 spoke)
Silver sparkle, less centre & nuts (7Jx16).
Also known as 'Tornado' style. Also available in grey/silver.
Wheel only (each) **ANR5307MNH**
Wheel set (4) **ANR5307MNHK**



'Freestyle'
Land Rover Alloy Wheel (5 spoke) & Tyre
Silver sparkle, less centre & nuts (7Jx16). Also available in grey/silver. Fitted with a Goodyear Wrangler 205R16 tyre & balanced. Note: optional 235/70R16 tyre can also be fitted at additional cost.
Wheel & tyre (each) **ANR5307MNHHT**
Wheel & tyre set (4) **ANR5307MNHKT**

STYLED



'Styled'
Land Rover Alloy Wheel (5 spoke)
Silver, less centre & nuts (7Jx16).
Also available colour coded at extra cost.
Wheel only (each) **RTC9526**
Wheel set (4) **RTC9526K**



'Styled'
Land Rover Alloy Wheel (5 spoke) & Tyre
Silver, 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) **RTC9526T**
Wheel & tyre set (4) **RTC9526KT**

CYCLONE



'Cyclone'
Land Rover Alloy Wheel (5 spoke)
Silver, less centre & nuts (7Jx16).
Also available in red or green at additional cost.
Wheel only (each) **NTC7739MUE**
Wheel set (4) **NTC7739MUEK**



'Cyclone'
Land Rover Alloy Wheel (5 spoke) & Tyre
Silver, less centre & nuts (7Jx16). Also available in red or green at additional cost. Fitted with a Goodyear Wrangler 205R16 tyre & balanced. Note: optional 235/70R16 tyre can also be fitted at additional cost.
Wheel & tyre (each) **NTC7739MUET**
Wheel & tyre set (4) **NTC7739MUETKT**

ALLOY WHEEL & WHEEL-TYRE PACKAGES

CASTOR



'Castor'
Land Rover Alloy Wheel (5 spoke)
Silver sparkle, less centre & nuts (7Jx16).
Wheel only (each) **NTC9976MNH**
Wheel set (4) **NTC9976MNHK**



'Castor'
Land Rover Alloy Wheel (5 spoke) & Tyre
Silver sparkle, 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) **NTC9976MNHT**
Wheel & tyre set (4) **NTC9976MNHTKT**

DEEP DISH



'Deep Dish'
Land Rover Alloy Wheel (5 spoke)
Silver sparkle, less centre & nuts (7Jx16).
Wheel only (each) **ANR3631MNH**
Wheel set (4) **ANR3631MNHK**



'Deep Dish'
Land Rover Alloy Wheel (5 spoke) & Tyre
Silver sparkle, 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) **ANR3631MNHT**
Wheel & tyre set (4) **ANR3631MNHTKT**

DRAGON



'Dragon'
Aftermarket Alloy Wheel (6 spoke)
Silver, includes centre & nuts (7.5Jx16).
Wheel only (each) **RD1144**
Wheel set (4) **RD1144K**



'Dragon'
Aftermarket Alloy Wheel (6 spoke) & Tyre
Silver, includes centre & nuts (7.5Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
Note: optional 235/70R16 tyre can also be fitted at additional cost.
Wheel & tyre (each) **RD1144T**
Wheel & tyre set (4) **RD1144KT**



Wheel Nuts, Centres & Studs - for Alloys

Wheel Nuts (standard) - plain
each **NRC7415**
set of 20 **NRC7415K**
Wheel Nuts (standard) - with S/S cap
each **ANR2763MMM**
set of 20 **ANR2763MMMK**
Wheel Nut Kit (inc spare wheel spacers) **RTC9563AA**
Includes 23 wheel nuts (with s/s caps)
and 3 spacers for mounting alloy spare wheel.
Wheel Nuts (locking)
Not suitable for 'Deep Dish' Alloy wheels.
set of 5 **STC8843AA**
set of 5 +16 standard plain nuts **STC8843AAK**
set of 5 +16 standard nuts with s/s cap **STC8843AAKS**
Wheel Centre Cap (with logo) **ANR2391**
Available in silver sparkle, quicksilver,
Westminster (dark) grey or pewter.
Wheel Stud (if required)
for Alloy wheels (each) (20) **FRC5926**

STEEL WHEEL & WHEEL-TYRE PACKAGES

ORIGINAL STEEL



'Original Steel'
Land Rover Steel Wheel (Grey, less nuts) (7Jx16).
Wheel only (each) **NTC5193PM**
Wheel set (4) **NTC5193PMK**



'Original Steel'
Land Rover Steel Wheel & Tyre
Grey, less nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
Wheel & tyre (each) **NTC5193PMT**
Wheel & tyre set (4) **NTC5193PMKT**

MODULAR STEEL



'Modular Steel'
Aftermarket Steel Wheel (Grey, less nuts) (7Jx16).
Wheel only (each) **RD1145**
Wheel set (4) **RD1145K**



'Modular Steel'
Aftermarket Steel Wheel & Tyre
Grey, less nuts (7Jx16).
Fitted with a Goodyear Wrangler 205R16 tyre & balanced.
Wheel & tyre (each) **RD1145T**
Wheel & tyre set (4) **RD1145KT**

Wheel Nuts & Studs

Wheel Nuts (steel wheels)
standard - each **NTC7396**
standard - set of 20 **NTC7396K**
locking - set of 5 **RTC9535**
locking - set of 5 +
15 standard nuts **RTC9535K**
Wheel Stud (if required)
for Steel wheels (each) (20) **576841**

18" WHEELS FOR YOUR SERIES 1 DISCOVERY?

Using our wheel hub PCD adaptor kit, it is possible to fit 'Series 2 Discovery' 18x8J wheels to your Series 1 Discovery (300 series, April 1994 on only).

Easily fitted by bolting to existing hubs using existing alloy wheel nuts. A further set of Discovery Series 1 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.



Wheel Hub Adaptor Kit RAI1389
Set of 4 adaptors including instructions.
Please refer to previous page for additional alloy wheel nuts required when fitting adaptors



18" TRIPLE SPORTS ALLOYS FITTED TO SERIES 1 DISCOVERY (APRIL '94 ON, 300 SERIES) USING HUB ADAPTOR KIT.



Wheel Nuts & Centres - 18"

Nuts & centres (Series 2 Discovery)
Note: the wheel nuts listed below are suitable for fitment to Series 2 (1998 on) Discovery only. Not for use with hub adaptors for Series 1 Discovery. Wheel centres are suitable for all 18" wheel applications.

- wheel nuts (standard) - Series 2 only;
 - each **ANR3679**
 - set of 20 **ANR3679K**
- wheel nuts (locking) - Series 2 only;
 - set of 4 **STC8513**
 - set of 4 + 16 standard nuts **STC8513K**
- wheel centre cap (with logo) - 18" wheel
 - grey (with logo) - each **ANR3522MNH**
 - green (Land Rover badge) - each **RRJ100140MNH**

18" ALLOY WHEEL & WHEEL-TYRE PACKAGES

We offer a superb range of alloy wheels to enhance and upgrade your Series 1 Discovery (see hub adaptors) or series 2 Discovery.

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.

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) **RRC111130MNHHT**
wheel & tyre set (4) **RRC111130MNHKT**

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) **RRC115410MNHHT**
wheel & tyre set (4) **RRC115410MNHKT**

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**

COMET

'Comet'
Land Rover alloy wheel (6-spoke)
Silver, less centre & nuts (8J x 18).
wheel only (each) **RRC000930MCM**
wheel set (4) **RRC000930MCMK**



'Comet'
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) **RRC000930MCMT**
wheel & tyre set (4) **RRC000930MCMKT**



TYRES

Original tyre sizes on Discovery 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.

Also listed below is the tyre for the 18" Series 2 wheel.

Tyre size	
205 R16	205R16
235/70 R16	235/70 R16
255/55 R18 (18" wheel)	255/55R18

Please call or refer to price guide for manufacturer options and prices.



MUDFLAPS

Mudflap Kit
Includes a pair of mudflaps & fittings
Front
Rear

RTC6820
RTC6821

Spare Wheel Covers



Spare wheel cover (vinyl) Original equipment.

205 x 16 tyre size	STC8485
235 x 16 tyre size	STC8486



Spare wheel cover (rigid plastic) Original equipment.

205 x 16 tyre size	STC8940
235 x 16 tyre size	STC8941



Spare wheel cover (polished stainless steel) Original equipment.

205 x 16 tyre size	STC50137
235 x 16 tyre size	STC50138



Spare wheel cover (plain black vinyl). Aftermarket.

205 x 16 tyre size	RD1113-205
235 x 16 tyre size	RD1113-235



Spare wheel cover (vinyl with 'Rimmer Bros' logo). Aftermarket.

205 x 16 tyre size	RD1141-205
235 x 16 tyre size	RD1141-235



Spare wheel cover (Discovery/Defender illustration). Aftermarket.

vinyl	
205 x 16 tyre size	RD1136-205
235 x 16 tyre size	RD1136-235
rigid plastic	
205 x 16 tyre size	RD1114-205
235 x 16 tyre size	RD1114-235



Spare wheel cover RD1143

Polished stainless steel outer. Aftermarket. Supplied with either black or silver centre (plain). Small Land Rover badge (self adhesive) available separately. (BTR1047). Fits tyre sizes 205 x 16 and 235/70 x 16.



Autoglym 'Clean Wheels' 500ml. Alloy wheel cleaning solution. RX1322
Autoglym 'Tyre dressing' Makes tyres look like new! RX1368

TOOLS



Hydraulic Jack ANR4489
Handle for jack NTC6856
Wheel Brace NTC7829
Wheel Chock (each) ANR4960
Tyre Pump 523638A

INTRODUCTION

The Discovery is equipped with disc brakes all round. On vehicles up to 1993, solid front discs of 299mm (11.77") diameter are fitted. On vehicles from 1994 onwards, front discs are vented and are of 298mm (11.73") diameter. All vehicles have solid rear discs of 290mm (11.42") diameter.

ABS was introduced in 1994 as standard equipment on ES models and optional on all other models.

UPDATED BRAKES

We have 3 kits available for updating the Discovery, 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 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.

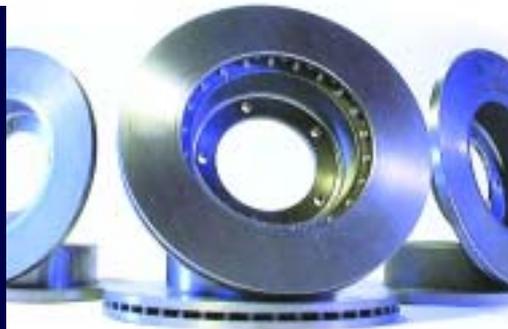
IMPORTANT

This section contains a full listing of standard replacement brake system components, including discs, calipers, pads, master cylinders and ABS system components.

For rigid brake pipes, see our Copper Brake Pipe Kits. These are convenient kits which contain everything you will need to replace your vehicle's brake lines.

Finally, to complete the job you will need brake fluid. As well as standard DOT 4 fluid, we offer silicone fluid. Although more expensive than conventional fluid, we recommend silicone brake fluid due to the following advantages:

1. Silicone fluid is DOT 5 rated.
2. It is completely harmless to paintwork if spilled.
3. Unlike conventional fluid, silicone fluid does not absorb moisture, so its performance never degrades, plus it won't corrode your brake components from the inside.



Brake Discs

Brake disc;		
front		
solid	(2)	FRC7329
vented	(2)	FTC902
rear (all models)	(2)	FTC1381

Brake Pads

Brake pads - front (Axle set) (4 pads);		
See also Updated Brake Pads.		
for solid discs	(1)	STC9191
With split pin type retaining pins.		
for vented discs	(1)	STC8571
With solid pin type retaining pins.		
Brake pads - rear - all models	(1)	STC8570
See also Updated Brake Pads.		
Retaining kit - brake pads;		
Includes pins & anti-rattle springs.		
front		
for solid discs	(1)	RA1396
Split-pin type retaining pins.		
for vented discs	(1)	STC8575
Solid type retaining pins.		
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;		
solid discs		
up to VIN KA034313 (1993)		
rh	(1)	AEU1718
lh	(1)	AEU1719
VIN KA034314 to VIN LA (1994)		
rh	(1)	STC1258
lh	(1)	STC1259
VIN MA (1995) on		
rh	(1)	STC1962
lh	(1)	STC1963
vented discs		
rh	(1)	RTC6776
lh	(1)	RTC6777
Brake caliper - rear;		
up to rear axle nos. 28S44171 & 32S2118		
rh	(1)	RTC5889
lh	(1)	RTC5890
axle nos. 28S44172 & 32S2119 on		
rh	(1)	STC1264
lh	(1)	STC1265
Piston - brake caliper;		
front - all caliper types	(8)	606683
rear - all caliper types	(4)	606696
Seal kit - caliper piston;		
front	(4)	AEU1547
rear	(2)	AEU1547
Bleed nipple - caliper;		
front	(6)	RTC1526
rear	(2)	RTC1526

Updated Brake Kits

We have 3 kits available for updating the brakes on Discovery, 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 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.



KIT 1 Updated Front Brake Kit RA1357

Converts solid front discs to ventilated. 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. 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 (vented) - 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 discs.		
front - set		RA1392
rear - set		RA1393



BRAKE MASTER CYLINDER

Brake Hydraulics

Master cylinder;			
non-ABS			
up to VIN LA (1994)	(1)	NTC4991	
VIN MA (1995) onwards	(1)	STC1285	
ABS-equipped vehicles	(1)	STC1284	
Seal kit - master cylinder;			
non-ABS	(1)	STC2901	
ABS-equipped vehicles	(1)	STC2904	
Servo - all models	(1)	STC1286	
Repair kit - servo	(1)	RTC5832	
Non-return valve - servo	(1)	STC780	
Non-return valve - inlet manifold	(1)	RTC5907	
Pressure reducing valve;			
up to VIN LA (1994)	(1)	NTC6868	
VIN MA (1995) on	(1)	ANR3194	



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 line pressure. In addition, the stainless outer braiding improves pedal feel by preventing the hose from bulging.

Brake hose - flexible - front;			
non ABS vehicles			
up to VIN JA (1992)			
standard	(4)	NRC4401	
stainless steel braided	(4)	NRC4401AQ	
1993 (VIN KA) to 1994 (VIN LA)			
standard	(4)	ANR1765	
stainless steel braided	(4)	ANR1765AQ	
1995 (VIN MA) onwards			
standard	(2)	ANR1765	
stainless steel braided	(2)	ANR1765AQ	
ABS-equipped vehicles			
standard	(2)	ANR1765	
stainless steel braided	(2)	ANR1765AQ	
Brake hose - flexible - rear;			
non ABS vehicles			
standard	(1)	NTC3458	
stainless steel braided	(1)	GBH328AQ	
ABS-equipped vehicles			
standard	(2)	NTC3458	
stainless steel braided	(2)	GBH328AQ	

Brake Fluid

Brake fluid;			
Unipart DOT 3 (1 litre)	(A/R)	GBF103	
silicone			
0.5 litre	(A/R)	RX1327	
1 litre	(A/R)	RX1326	
Brake cleaner - aerosol	(A/R)	GBF901	

ABS Components

Modulator - ABS;			
up to VIN MA163103 (1995)	(1)	STC1651	
VIN TA163104 (1996) to TA180925			
also, TA501920 to TA508779	(1)	STC3130	
VIN TA180926 on			
also, TA508780 on	(1)	STC3129	
Electronic Control Unit - ABS	(1)	AMR5557	
Wheel sensor - ABS;			
front	(2)	STC1749	
rear	(1)	STC1750	
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	
Relay- ABS;			
warning - green	(1)	DRC1820A	
pump - black	(1)	AMR3773	
valve - yellow	(1)	YWB10027	

Handbrake

For Handbrake Components, see **Transfer Gearbox** section.

Miscellaneous

Stop lamp switch;			
non-ABS vehicles	(1)	13H3735	
ABS vehicles	(1)	AMR2010	
Pedal rubber - brake;			
manual	(1)	575818	
automatic	(1)	ANR2941	



COPPER BRAKE PIPE KIT

Brake Pipes

We have listed below a copper brake pipe kit (non-ABS only), which contains a full vehicle set of rigid brake pipes, including caliper pipes. If you require any individual pipes or ABS brake pipes, please contact our sales department.

Copper Brake pipe kit - non ABS (1) RD1060
Vehicles up to VIN LA (1994).



AEROQUIP HOSES - CAR SET

Aeroquip brake hose kits
Replace those rubber flexible hoses with these stainless steel braided hoses for firmer brake pedal pressure.

Non ABS vehicles		
1989-1992 (to JA) (5 hoses)	RD1100	
1993-1994 (KA to LA) (5 hoses)	RD1101	
1995 on (MA on) (3 hoses)	RD1102	
ABS vehicles		
1994 on (all) (4 hoses)	RD1103	

Steering Box

Steering box;		
up to VIN JA018110 (1992)		
rhd	(1)	NTC8416
lhd	(1)	NTC8417
VIN JA018111 onwards		
rhd	(1)	STC2846
lhd	(1)	STC2845
Seal kits - steering box;		
output shaft seal kit	(1)	STC2848
complete steering box seal kit(1)		STC2847
Bolt - steering box to chassis	(4)	BX112201
Drop arm - steering box;		
up to VIN JA018109 (1992)		
rhd	(1)	STC1044
lhd	(1)	STC1045
VIN JA018110 (1992) on		
rhd	(1)	NTC9236
lhd	(1)	NTC9235
Nut - drop arm	(1)	NT614041
Balljoint - drop arm	(1)	STC3295
Nut - balljoint	(1)	NC112041
Tie bar - steering box;		
Up to VIN LA081464 (1994)		
rhd	(1)	594947
lhd	(1)	594946
VIN LA081465 (1994) on	(1)	ANR2994
Rhd & lhd.		

TECHNICAL NOTE

Steering Wobble

If you are experiencing steering wheel wobble, particularly after hitting a bump or pot-hole, there could be a number of possible causes:

1. **Worn steering damper.** Remove and test by working the damper in and out. There should be plenty of resistance. If not, replace the unit.

2. **Worn steering column universal joints.** Have an assistant turn the steering wheel while you observe the joints. There should be no visible play.

3. **Worn drop-arm ball joint.** Firmly holding the bottom of the balljoint, try to detect any side-to-side movement. If there is any free-play, replace the balljoint.

4. **Worn steering linkage balljoints.** Wear in any of the steering system balljoints will cause unwanted steering play. If necessary, split the balljoint from its socket to test for free-play. Replace any worn balljoints.

5. **Incorrectly adjusted swivel bearing pre-load.** (see *Front Axle* section). The upper swivel pin preload is set with shims. Too loose and the steering will feel vague, too tight and the steering will feel stiff. The procedure for checking and adjusting the pre-load is given in the Haynes workshop manual (see *Accessories* section).

Power Steering Pump

Power steering pump;		
V8		
up to VIN JA34313 (1992)	(1)	ANR2003
KA34314 (1993) to LA (1994)	(1)	NTC9198
VIN MA (1995) on		QVB101110
diesel		
200Tdi	(1)	NTC8288
300Tdi	(1)	ANR2157
mpi	(1)	ANR4647
Seal kit - pas pump (for NTC8288)(1)		STC1633
Drive belt - steering pump;		
V8		
up to 1994 (VIN LA)	(1)	ERC675
<i>With separate belt for p.a.s.</i>		
from 1995 (VIN MA)		
<i>With serpentine drivebelt.</i>		
up to engine nos. 36D50529 & 38D32139		
- non air con	(1)	ERR4461
- with air con	(1)	ERR4623
engines 36D50530 & 38D32140 on		
- non air con	(1)	ERR6191
- with air con	(1)	ERR5579
diesel		
200Tdi	(1)	ERR810
300Tdi		
up to VIN MA (1995)	(1)	ERR3287
VIN TA (1996) on	(1)	ERR5911
Reservoir - steering fluid;		
petrol		
up to VIN KA038821 (1993)	(1)	NTC1791
VIN KA038822 (1993) on	(1)	QFX000030
diesel		
up to VIN KA052813 (1993)	(1)	NTC1791
VIN KA052814 (1993) on	(1)	QFX000030
Hoses - power steering - <i>please enquire</i>		
PAS fluid;		
Unipart ATF		
0.5 litre	(A/R)	GGL175
5 litre	(A/R)	GGL505

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



POWER STEERING PUMP

Track Rod

Track rod assembly	(1)	RTC1799
<i>Comprising tube, adjusting shaft and balljoints.</i>		
Tube only - track rod	(1)	NRC145
Adjusting shaft only - track rod	(1)	NRC4700
Balljoint - track rod end	(2)	RTC5869
<i>RH thread.</i>		
Dust cover - balljoint	(2)	214649
Clamp - balljoint	(3)	577898

Drag Link

Drag link assembly;		
up to VIN JA018174 (1992)	(1)	NRC3226
VIN JA018175 (1992) on	(1)	NTC9607
Cross rod tube only - drag link;		
up to VIN JA018174 (1992)	(1)	NRC1824
VIN JA018175 (1992) on	(1)	NTC8390
Cross rod end (eye)	(1)	NRC1823
Balljoint - drag link;		
RH thread	(1)	RTC5869
LH thread	(1)	RTC5870
Dust cover - balljoint	(1)	214649
Clamp - balljoint	(2)	577898

Steering damper

Steering damper;		
standard	(1)	STC786
uprated (Bilstein)	(1)	STC786UR
Bush - damper mounting		
standard	(4)	568858
polyurethane	(4)	568858PY
polyurethane kit (set of 4)	(1)	RD1065
Harmonic damper;		
up to VIN MA098422 (1995)	(1)	RTC6825
VIN MA098423 (1995) on		
V8	(1)	FTC1499
diesel	(1)	FRC9693



STEERING SHAFT,
COUPLING & TRACK ROD ENDS

Steering Shaft & Coupling

Steering shaft/upper universal joint assembly;		
up to VIN LA081991 (1994)	(1)	NTC8478
VIN MA081992 (1995) on	(1)	ANR3171
Universal joint - steering shaft;		
upper - <i>not available separately.</i>		
<i>Use upper shaft assembly.</i>		
lower		
up to VIN HA002271	(1)	NRC7704
VIN HA002272 to LA081991	(1)	NRC7387
VIN MA081992 (1995) on	(1)	STC2800

STANDARD
STEERING DAMPER
STC786

UPDATED
STEERING DAMPER
(BILSTEIN) STC786UR

Steering Wheel & Column

Steering wheel;								
up to VIN LA (1994)								
Sonar blue	(1)	NTC5043JUL						
Bahama beige	(1)	NTC5043SUC						
VIN MA (1995) onwards - please enquire								
Centre badge - steering wheel;								
up to VIN LA (1994)								
Sonar blue	(1)	BTR855JUL						
Bahama beige	(1)	BTR855SUC						
VIN MA (1995) on (Ash grey)	(1)	QTN100260LNF						
Steering column;								
up to VIN LA (1994)	(1)	NTC7818						
VIN MA (1995) on								
non cruise control	(1)	QMB101850						
cruise control	(1)	ANR3654						
Lower bush - steering column	(1)	ANR4747						
1995 (VIN MA) onwards.								
Ignition lock & switch;								
up to VIN LA (1994)	(1)	STC981						
VIN MA (1995) on	(1)	STC1435						
Ignition switch only;								
up to VIN LA (1994)	(1)	PRC3408						
VIN MA (1995) on	(1)	STC1746						
Shear bolt - ignition lock;								
up to VIN LA (1994) (M8 x 20)	(2)	NTC461C						
VIN MA (1995) on (M8 x 12)	(2)	STC2867						
Nacelle - steering column;								
up to VIN LA (1994)								
upper								
Sonar blue	(1)	MWVC8326J						
Bahama beige	(1)	MWVC8326SI						
lower								
Sonar blue	(1)	MXC2858JI						
Bahama beige	(1)	MXC2858SI						
VIN MA (1995) on (Ash grey)	(1)	QRB10006LI						

IGNITION LOCK & SWITCH STC1435



IGNITION SWITCH PRC3408

Steering Wheels



VINYL RIM WHEEL WITH BLACK SPOKES

LEATHER RIM WHEEL WITH POLISHED SPOKES

Steering wheel - vinyl rim (3 spoke, 14" diameter)
Suitable for all pre-air bag (to March '94) vehicles.
Aftermarket. Includes boss & fittings.

with polished spokes
with black spokes

RD1115P
RD1115B

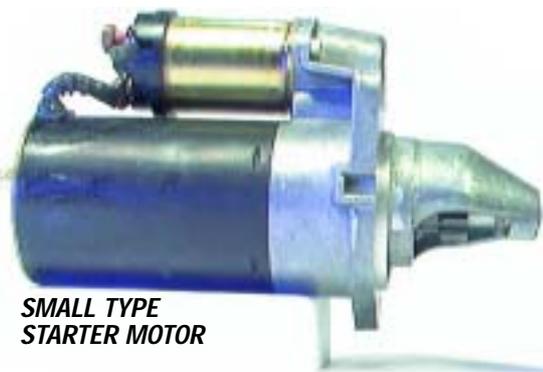
Steering wheel - leather rim (3 spoke, 15" diameter)
Suitable for all pre-air bag (to March '94) vehicles.
Aftermarket. Includes boss & fittings.

with polished spokes
with black spokes

RD1116P
RD1116B



DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.
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SMALL TYPE STARTER MOTOR



ALTERNATOR

Engine Electrics - Major Units

Starter motor;

V8	(1)	NAD101190
200/300Tdi	(1)	ERR5009
Mpi	(1)	NAD10048

Solenoid - starter motor;

V8		
Lucas	(1)	RTC5049
Bosch	(1)	STC1242
200Tdi		
up to engine 12L50756A	(1)	RTC4978
engine 12L50757A on		
starter no. 0 331 303 165	(1)	STC1245
starter no. 9 330 331 006	(1)	STC3715
300Tdi		
starter no. 0 331 303 165	(1)	STC1245
starter no. 9 330 331 006	(1)	STC3715
Mpi	(1)	STC852

Alternator;

V8		
carb - A127, 65 amp	(1)	RTC5680
efi - up to 1994 (VIN LA)		
A127, 65 amp	(1)	RTC5680
A127, 72 amp	(1)	YLE10088
<i>From VIN KA034314 (1993).</i>		
A127, 85 amp	(1)	YLE10099
A133, 80 amp	(1)	STC1753
efi - 1995 (VIN MA) on		
<i>(A127, 100 amp)</i>		
up to VIN TA163436, also VIN TA501936	(1)	AMR3107
VIN TA163437, also VIN TA501937 on	(1)	AMR4247

Diesel

200Tdi - A127	(1)	RTC5681E
300Tdi - A127		
up to engines 18L12423, 19L00409 & 21L36432	(1)	YLE10113
engines 18L12424, 19L00409 & 21L36432		
up to VIN TA	(1)	AMR4248
VIN VA onwards	(1)	AMR5425
Mpi - A127, 100 amp		
up to VIN MA (1995)	(1)	YLE10124
VIN TA (1996) on	(1)	YLE101880

Drive belt - alternator;

V8 - carburettor engines	(1)	ERR2073
V8 - efi engines up to 1994 (VIN LA)		
<i>V8 engines from 1995 (VIN MA) have a single 'serpentine' ancillary drive belt. See Quickfinder section.</i>		
3.5 litre	(1)	ERR2073
3.9 litre	(1)	ERR2678
200Tdi	(1)	ETC7469
300Tdi (water pump & alternator)		
up to VIN MA163103 (1995)	(1)	ERR3287
VIN MA163104 on	(1)	ERR5911
Mpi		
with air con	(1)	PQS10061
without air con	(1)	PQS100900

Engine Electrics - Ignition System

Distributor - V8;

carb	(1)	ETC6976
efi - 3.5 litre		
low compression		
2-pin module	(1)	ERR1808
3-pin module	(1)	ERR4254
high compression		
2-pin module	(1)	ERR1809
3-pin module	(1)	ERR4256
efi - 3.9 litre		
low compression		
up to VIN LA (1994)	(1)	ERR4740
VIN MA (1995) to MA094072	(1)	ERR4753
VIN MA094073 on	(1)	ERR5207
<i>With remote amplifier.</i>		
high compression		
up to VIN LA (1994)		
- non catalyst	(1)	ERR4739
- catalyst	(1)	ERR4738
VIN MA (1995) to MA094072		
- non catalyst	(1)	ERR4754
- catalyst	(1)	ERR4755
VIN MA094073 on		
- non catalyst	(1)	ERR5208
- catalyst	(1)	ERR5209



STANDARD DISTRIBUTOR, CAP, ROTOR ARM, AMPLIFIER & PICK UP/BASEPLATE

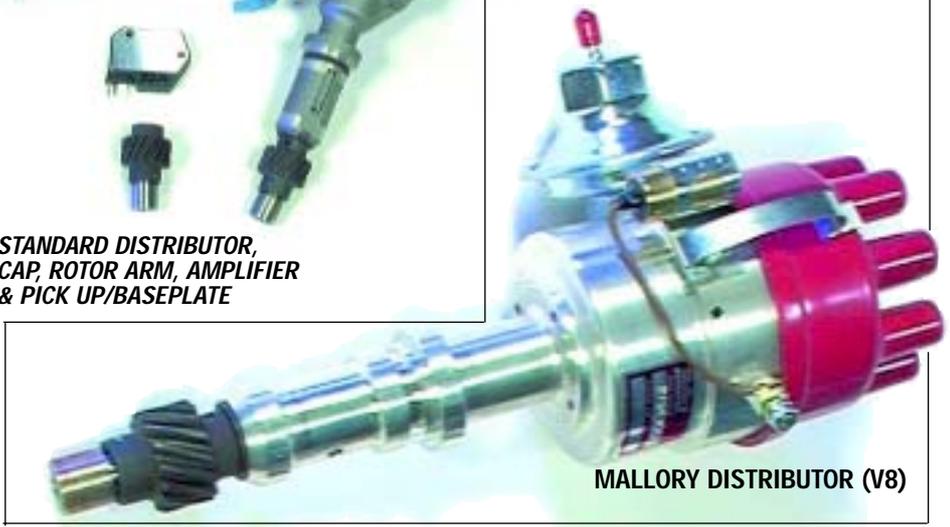
Distributor & Amplifier Kit - V8;
 3.5/3.9 litre (alternative) (1) R01131
We offer a conversion kit suitable for all electronic ignition applications, which includes a new distributor and remote power amp kit.

Distributor Components

Distributor cap - V8		
original type	(1)	GDC117P
Mallory type	(1)	RB7469
Rotor arm;		
original type	(1)	GRA117P
Mallory type	(1)	RB7472
Condenser - Mallory distributor	(1)	RB7471
Pick-up & baseplate - distributor;		
carb engines	(1)	RTC5090
efi engines		
up to VIN MA094072 (1995)	(1)	RTC5090
VIN MA094073 on	(1)	STC2898
Vacuum advance unit - distributor;		
Lucas distributors		
carb engines	(1)	RTC5092
efi engines		
with 2-pin module	(1)	RTC3201
with 3-pin module	(1)	STC1186
Mallory distributor	(1)	RB7473
Sealing ring - distributor shaft	(1)	603446
<i>All distributors.</i>		
Drive gear - distributor shaft	(1)	ERC1353A
Amplifier module - electronic ignition;		
2-pin	(1)	NJL100060
3-pin	(1)	STC1184
remote	(1)	STC1856
Coil - ignition;		
V8		
electronic ignition		
Lucas	(1)	RTC5628
Bosch	(1)	PRC6574
<i>Note: Lucas & Bosch coils are interchangeable.</i>		
Moroso chrome coil	(1)	RB7475
<i>For Mallory dual point distributor.</i>		
Mpi	(1)	NEC10047
Ballast resistor;		
for Lucas coil	(1)	DRC1752
for Moroso coil	(1)	RB7476
Capacitor - electronic ignition	(1)	ADU7242

Mallory distributor (V8)
High quality replacement distributors, complete with adjustable mechanical and vacuum advance.

dual point	(1)	RB7459
electronic	(1)	RB7459ELEC



MALLORY DISTRIBUTOR (V8)

Spark Plugs & Plug Leads

Plug lead set - V8;								
original	(1)	RTC6551						
performance (silicone)	(1)	GHT182S						
Spark plug;								
V8								
3.5 litre	(8)	GSP4362						
3.9 litre								
N9YC	(8)	GSP4362						
<i>High compression, non catalyst.</i>								
RN12YC	(8)	GSP4382						
<i>Low compression & catalyst engines.</i>								
RN11YC	(8)	GSP6462						
Mpi	(4)	NLP10003						
Spark plug spanner	(1)	GAT140						

Electronic Control Units (ECUs)

ECU - V8 efi;								
recon	(1)	RD1104R						
<i>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.</i>								
new	(1)	RD1104						
<i>New - please contact our sales department for availability & price of new ECUs.</i>								
Electronic unit - diesel;								
EGR								
200Tdi	(1)	PRC9147						
300Tdi								
up to VIN MA (1995)	(1)	ERR4196						
VIN TA (1996) on	(1)	ERR6234						
EDC - <i>please enquire.</i>								
ECU - Mpi - fuel/ignition;								
up to VIN MA163103, also								
MA501919 (1995)	(1)	MKC101390						
VIN MA163104, also								
MA501920 onwards	(1)	MKC103290						
Control unit;								
multi-function;								
<i>Passenger compartment fusebox, 1995 (VIN MA) on.</i>								
VIN MA up to TA (1996)	(1)	AMR1280						
VIN VA (1997) onwards	(1)	AMR5360						
electric windows	(1)	AMR1282						
sunroof	(1)	AMR2128						
ABS	(1)	AMR5557						

Wipers & Washers

Wiper motor;								
windscreen;								
up to 1994 (VIN LA)	(1)	PRC7096						
1995 (VIN MA) on	(1)	AMR1514						
<i>Motor & link assembly.</i>								
rear screen								
up to 1994 (VIN LA)	(1)	STC3316						
1995 (VIN MA) on	(1)	DLB101640						
Seal - wiper motor to body - front;								
up to 1994 (VIN LA)	(1)	STC1308						
1995 (VIN MA) on	(1)	AMR1882						
Wiper arm;								
front								
rhd	(2)	DKB102720						
lh	(2)	DKB102710						
rear								
up to VIN JA021176 (1992)	(1)	PRC6484						
VIN JA021177 on	(1)	AMR3873						
Wiper blade;								
front								
up to VIN WA753922 (1998)	(2)	AMR1805						
VIN WA753923 on	(2)	DKC100920						
rear	(1)	AMR1806						
Washer bottle;								
windscreen/rear door								
up to 1994 (VIN LA)	(1)	PRC7460						
1995 (VIN MA) on	(1)	AMR3656						
windscreen/rear door plus headlamps								
up to 1994 (VIN LA)	(1)	PRC7459						
1995 (VIN MA) on	(1)	STC2933						



Cap - washer bottle;								
up to 1994 (VIN LA)	(1)	DMG10001L						
1995 (VIN MA) on	(1)	AMR3657						
Washer pump;								
up to 1994 (VIN LA)								
front screen	(1)	STC1454						
rear screen	(1)	STC1453						
headlamps (power wash)	(1)	GWW197						
1995 (VIN MA) on								
front screen	(1)	AMR3271						
rear screen	(1)	DMC10023						
headlamps (power wash)	(1)	AMR3661						
Seal - pump to bottle;								
up to 1994 (VIN LA)								
screen pumps	(2)	RTC3959						
headlamp pump	(1)	ADU6418						
1995 (VIN MA) on								
screen pumps	(2)	AFU4506						
headlamp pump	(1)	AFU4506						
Sensor - low fluid level	(1)	PRC5440						
Washer jet;								
windscreen - single nozzle	(2)	PRC7304						
rear screen	(1)	PRC6496						
headlamps								
up to 1994 (VIN LA)	(2)	PRC4615						
1995 (VIN MA) on	(2)	AMR1890						
Washer tubing (per metre)		GWW201M						
Non-return valve - washer tube;								
front (5mm)	(1)	PRC6857						
rear (4mm)	(1)	AMR6676						

Headlamps & Indicators



Up to 1994 - Small Headlamps

Headlamp assembly;								
5-band style								
RHD								
rh	(1)	RTC6469						
lh	(1)	RTC6470						
LHD								
rh	(1)	RTC6471						
lh	(1)	RTC6472						
4-band style								
RHD								
rh	(1)	STC765						
lh	(1)	STC766						
LHD								
rh	(1)	STC767						
lh	(1)	STC768						

Bulb;								
headlamp								
white - except France	(2)	589783						
yellow - France only	(2)	PRC2167						
sidelamp	(2)	AFU4481						
Headlamp adjuster kit	(2)	STC778						
Motor - headlamp levelling;								
up to VIN JA028787 (1992)	(2)	PRC7885						
VIN JA028788 on	(2)	AMR2985						
Indicator assembly - up to VIN LA (1994)								
rh	(1)	PRC9306						
lh	(1)	PRC9307						
Bulb - indicator	(2)	264591						
Side repeater lamp	(2)	AHU2592						
Bulb - repeater	(2)	AFU4481						
'O'-ring - repeater bulb	(2)	AFU3112						



1995 on - Large Headlamps

Headlamp assembly;								
RHD								
rh	(1)	STC1233						
lh	(1)	STC1234						
LHD								
rh	(1)	STC1235						
lh	(1)	STC1236						
Bulb - headlamp - all models	(2)	589783						
Bulb - sidelamp	(2)	AFU4481						
Headlamp adjuster kit	(2)	STC1232						
Motor - headlamp levelling	(2)	AMR2706						
Indicator assembly;								
rh	(1)	XBD100760						
lh	(1)	XBD100770						
Bulb - indicator	(2)	264591						
Side repeater lamp	(2)	AHU2592						
Bulb - repeater	(2)	AFU4481						
'O'-ring - repeater bulb	(2)	AFU3112						

Fog Lamps - Front

For the full range of fog lamps and driving lamps, please refer to 'Accessories' at the rear of catalogue.

Fog lamp - VIN TA (1996) onwards;								
rh	(1)	AMR5618						
lh	(1)	AMR5617						
Bulb - front fog lamp	(2)	STC3085						

DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.	DESCRIPTION	QTY REQ.	PART NO.
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Rear Lamps

Rear lamp assembly - main;
UK models in main type, other markets in italics.

up to 1994 (VIN LA)
All markets except Japan.

rh	(1)	PRC6475
lh	(1)	PRC6476

1995 (VIN MA) onwards
up to VIN MA135907
Plus Australia & Europe, 1995 (VIN MA) onwards.

rh	(1)	AMR1295
lh	(1)	AMR1294

VIN MA135908 to MA162389 & MA501704

rh	(1)	PRC6475
lh	(1)	PRC6476

MA162390 & MA501705 to WA746541 (1998)

rh	(1)	AMR5151
lh	(1)	AMR5150

VIN WA746542 (1998) on

rh	(1)	AMR1295
lh	(1)	AMR1294

Rear lamp assembly - bumper - 1995 (VIN MA) on;

rh	(1)	AMR6510
lh	(1)	AMR6509

Seal - rear lamp assembly (main);

rh	(1)	MXC1048
lh	(1)	MXC1047

Bulb - rear lamps;

main lamp

single filament	(a/r)	264591
double filament	(a/r)	264590

bumper lamp

5 watt	(a/r)	10211
21 watt	(a/r)	264591

High-level stop lamp - 1995 on (1) XFG100330

Bulb - high level stop lamp (1) 264591

Number Plate Lamps

Number plate lamp assembly	(2)	PRC5838
Bulb - number plate lamp	(2)	RTC3633
Gasket - number plate lamp	(2)	PRC7246



Interior Lamps

Interior lamp;

headlining

up to VIN LA (1994) - centre (1) AMR1183LUP

VIN MA (1995) on

front	(1)	AMR2577
rear	(1)	AMR2329

loadspace;

with on/off switch	(1)	AFU4092
without on/off switch	(1)	AFU4091

glovebox (1) ADU2066

Bulb - interior lamp;

centre & front	(1)	586438
rear	(1)	RTC3633
loadspace	(1)	STC1203
glovebox	(1)	RTC3633

Switch - interior lights;

courtesy switch (door pillar)	(5)	AAU1908
glovebox switch	(1)	YUE10005

Door open lamp - tailgate (1) PRC8749

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.



Electric Windows

Motor - window lift;

front

up to 1991 (VIN HA)

rh	(1)	RTC3820
lh	(1)	RTC3821

1992 (VIN JA) to VIN MA137189 (1995)

rh	(1)	RTC6641
lh	(1)	RTC6640

VIN MA137190 (1995) onwards

rh	(1)	STC2886
lh	(1)	STC2885

rear

up to VIN MA137189 (1995)

rh	(1)	RTC3816
lh	(1)	RTC3817

VIN MA137190 (1995) onwards

rh	(1)	STC2885
lh	(1)	STC2886

Switch - electric window - up to 1994 (VIN LA);

front (tunnel console)

window lift

driver's	(2)	PRC5255
passenger's		
up to VIN JA013672 (1992)(2)		PRC5254
VIN JA013673 on	(2)	PRC5255

window lift isolator (1) PRC4754

rear door switch

up to 1994 (VIN LA)	(2)	PRC3912
1995 (VIN MA) on)		
rh	(1)	PRC5254
lh	(1)	PRC5255

Switch - electric window - 1995 (VIN MA) on;

window lift	(4)	AMR2496
window lift isolator	(1)	AMR2497

rear door

rh	(1)	PRC5254
lh	(1)	PRC5255



Electric Sunroof

Motor assembly (1) EGQ100230

Control switch;

front	(2)	AMR2471
rear	(1)	AMR3652

Isolator switch (front) (1) AMR3653

Control unit - sunroof - 1995 on (1) AMR2128

Electric Door Mirrors

Please note: mirror assemblies listed here are for UK market vehicles. For markets with different mirror assemblies, please enquire.

Door mirror - electric;

up to 1994 (VIN LA)

Heated mirror, convex glass.

rh	(1)	BTR5202
lh	(1)	BTR5203

1995 (VIN MA) on

rh	(1)	CRB108800
lh	(1)	CRB108810

Mirror glass only;

Heated, convex.

up to 1994 (VIN LA)

rh	(1)	MTC6538
lh	(1)	MUC1609

1995 (VIN MA) on

rh	(1)	CRD100640
lh	(1)	CRD100650

Motor assembly - electric mirror

Switch - mirror adjustment;

up to 1994 (VIN LA)

Centre console.	(1)	PRC6829
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1995 (VIN MA) on

Central panel.	(1)	AMR2498
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Electric Seats

Motor - electric seat	(8)	STC2936
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Gearbox assembly - electric seat;

fore & aft

inner rh	(1)	RTC5786
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outer rh	(1)	RTC6411
----------	-----	---------

inner lh	(1)	RTC5623
----------	-----	---------

outer lh	(1)	RTC6412
----------	-----	---------

recline

rh	(1)	RTC5789
----	-----	---------

lh	(1)	RTC5790
----	-----	---------

Switch - electric seat;

rh	(1)	PRC8095
----	-----	---------

lh	(1)	PRC8096
----	-----	---------

Switch - heated seat;

rh	(1)	AMR3602
----	-----	---------

lh	(1)	AMR3601
----	-----	---------



Central Door Locking

Actuator - central locking;

driver's door

up to 1994 (VIN LA)

non-alarm	(1)	PRC4831
-----------	-----	---------

with alarm	(1)	PRC8098
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1995 (VIN MA) on

non-alarm	(1)	AMR3383
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with alarm	(1)	AMR3384
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passenger's door

up to 1994 (VIN LA)

1995 (VIN MA) on	(1)	PRC3916
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1995 (VIN MA) on	(1)	AMR3382
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rear doors

up to 1994 (VIN LA)

1995 (VIN MA) on	(1)	PRC3916
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tailgate	(1)	AMR3382
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up to 1994 (VIN LA)

1995 (VIN MA) on	(1)	PRC3916
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1995 (VIN MA) on	(1)	AMR3382
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Switches & Controls

IGNITION SWITCH

Ignition lock & switch;

up to VIN LA (1994)

(1)	STC981
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VIN MA (1995) on	(1)	STC1435
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Ignition switch only;

up to VIN LA (1994)

(1)	PRC3408
-----	---------

VIN MA (1995) on	(1)	STC1746
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Shear bolt - ignition lock;

up to VIN LA (1994) (M8 x 20)

(2)	NTC4610
-----	---------

VIN MA (1995) on (M8 x 12)	(2)	STC2867
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STEERING COLUMN STALKS

Indicator, horn & dip stalk;

up to VIN GA (1990)

(1)	RTC6618
-----	---------

VIN HA (1991) to VIN LA (1994)	(1)	STC865
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VIN MA (1995) on	(1)	STC4017
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Wash/wipe stalk;

up to VIN GA (1990)

(1)	PRC8724
-----	---------

VIN HA (1991) to VIN LA (1994)	(1)	STC866
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VIN MA (1995) on	(1)	STC4016
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Hazard warning switch

Up to VIN LA (1994) - column-mounted.

(1)	RTC5691
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Bulb - hazard warning

(1)	RTC3635
-----	---------

DASH PANEL SWITCHES

Instrument surround switches - up to 1994 (VIN LA);

heated rear window	(1)	PRC8395
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rear fog	(1)	PRC8392
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rear wash

up to VIN GA440892 (1990)	(1)	PRC6943
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VIN GA440893 on	(1)	PRC8393
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rear wiper	(1)	PRC8394
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heated windscreen	(1)	AMR1051
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remote radio controls

waveband

up to VIN GA440892 (1990)	(1)	PRC6810
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VIN GA440893 on	(1)	PRC8390
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station select	(1)	PRC8391
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volume down	(1)	PRC8389
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volume up	(1)	PRC8388
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remote CD player controls - VIN GA440893 on

seek/track	(1)	AMR2118
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waveband/disc	(1)	AMR2117
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Bulb - instrument panel switch (a/r)

(a/r)	RTC3635
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Instrument surround switches - VIN MA (1995) on;

heated rear window	(1)	AMR3750
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rear fog	(1)	AMR3751
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up to VIN TA (1996)	(1)	AMR5178
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VIN VA (1997) on	(1)	AMR5178
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rear wash	(1)	AMR3748
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rear wiper	(1)	AMR3749
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remote radio controls

next station/track	(1)	AMR6464
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band/CD select	(1)	AMR6465
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volume down	(1)	AMR6463
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volume up	(1)	AMR6462
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panel dimmer (thumbwheel)	(1)	AMR2745
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Bulb & holder - instrument panel switch;

orange	(a/r)	STC1877
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green	(a/r)	STC1878
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Central panel switches - VIN MA (1995) on;

hazard warning	(1)	YUG10067
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fog lamp - front	(1)	AMR4138
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heated windscreen	(1)	AMR5177
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cruise control enable/disable	(1)	AMR3752
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mirror adjustment	(1)	AMR2498
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headlamp levelling

up to VIN VA745655 (1996)	(1)	AMR6424
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VIN VA745756 on	(1)	AMR6425
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Bulb & holder - central panel switches;

hazard warning (clear)	(1)	STC1205
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orange	(1)	STC1877
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green	(1)	STC1878
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TUNNEL CONSOLE SWITCHES

Tunnel console switches - up to 1994 (VIN LA);

window lift

driver's	(2)	PRC5255
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passenger's

up to VIN JA013672 (1992)	(2)	PRC5254
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VIN JA013673 on	(2)	PRC5255
-----------------	-----	---------

window lift isolator	(1)	PRC4754
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mirror adjustment	(1)	PRC6829
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headlamp levelling	(1)	PRC7886
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Tunnel console switches - 1995 (VIN MA) on;

window lift	(4)	AMR2496
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window lift isolator	(1)	AMR2497
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electric seat

rh	(1)	PRC8095
----	-----	---------

lh	(1)	PRC8096
----	-----	---------

heated seat

rh	(1)	AMR3602
----	-----	---------

lh	(1)	AMR3601
----	-----	---------

ROOF-MOUNTED SWITCHES

Electric sunroof control switch;

front	(2)	AMR2471
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rear	(1)	AMR3652
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Isolator switch (front)

(1)	AMR3653
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Cigar Lighter & Clock

Cigar lighter assembly;

up to 1994 (VIN LA)	(1)	PRC9410
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1995 (VIN MA) on	(1)	YUJ10037
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Bulb - cigar lighter

(1)	RTC3635
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Clock;

up to 1994 (VIN LA)	(1)	DBP8537
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1995 (VIN MA) on	(1)	STC1800
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Supplied less hazard switch.

Bulb & holder - clock illumination (1)

(1)	STC1983
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Cruise Control

Note: SRS refers to Supplementary Restraint System (air bags), fitted from 1995 (VIN MA) only.

Control unit - cruise control;		
petrol engines	(1)	AMR1173
diesel engines (1996 on)	(1)	AMR5441
Vacuum unit - cruise control	(1)	PRC6260
Switch - cruise control;		
vehicles without SRS - steering wheel		
accelerator/set	(1)	PRC5797
reset/cancel	(1)	PRC6590
vehicles with SRS		
set/resume (steering wheel)	(1)	AMR3361
enable/disable (central panel)	(1)	AMR3752
pedal switch	(1)	ERR2622
<i>1995 (VIN MA) onwards.</i>		

AIR HORNS RX1381



Horns

Horn;		
high note		
up to 1994 (VIN LA)	(1)	YEB10026
1995 (VIN MA) onwards	(1)	AMR3337
low note		
up to 1994 (VIN LA)	(1)	YEB10027
1995 (VIN MA) onwards	(1)	AMR3338
Air horns (pair)	(1)	RX1381
<i>Including fittings.</i>		

Fuses

Fuse - plastic blade type (pack of 5);		
3 amp	(1)	GFS3103
5 amp	(1)	GFS3105
7.5 amp	(1)	GFS3107
10 amp	(1)	GFS3110
15 amp	(1)	GFS3115
20 amp	(1)	GFS3120
25 amp	(1)	GFS3125
30 amp	(1)	GFS3130
Fuse extractor - blade type	(1)	PRC4412
Fusebox cover - underbonnet	(1)	AMR3258
<i>1995 (VIN MA) onwards.</i>		
Fusible link - 1995 onwards;		
100A (blue)	(1)	STC1757
60A (yellow)	(1)	STC1758
40A (green)	(1)	STC1759
30A (pink)	(1)	STC1760



Relays

Main relays & flasher units;		
up to VIN LA (1994)		
green relay	(4)	DRC1820A
yellow relay	(4)	YWB10027
flasher unit		
up to VIN HA002488 (1991)	(1)	PRC5082
VIN HA002489 on	(1)	PRC8878
dim-dip control unit	(1)	PRC8123
efi relay (aluminium)	(1)	AFU2913
heater plug relay (diesel)	(1)	PRC6913
headlamp wash delay	(1)	YWM10003
wiper delay unit - front		
up to VIN JA (1992)	(1)	AMR2341
VIN KA (1993) on	(1)	YWC10152
wiper delay unit - rear		
up to VIN JA020963 (1992)	(1)	PRC7404
VIN JA020964 on	(1)	YWC10153
VIN MA (1995) on;		
left hand footwell		
horn (yellow)	(1)	YWB10027
aux. key position (yellow)	(1)	YWB10027
rear wiper (green)	(1)	DRC1820A
alarm sound (yellow)	(1)	YWB10027
alarm hazard warning	(1)	AMR1088
dim-dip (yellow)	(1)	YWB10027
right hand footwell		
control unit - fan timer	(1)	AMR3076
efi (aluminium)	(2)	AFU2913
fuel pump - Tdi		
- up to VIN WA746541 ('98)	(1)	AFU2913
- VIN WA746542 onj	(1)	YWB100790
air con clutch	(1)	YWB10027
cooling fan (Mpi)	(1)	YWB10027
air con logic	(1)	YWB10027
starter	(1)	YWB10027
front wiper - green	(1)	DRC1820A
passenger footwell hinged bracket		
dim-dip	(1)	YWB10027
power wash	(1)	YWB10027
ABS warning	(1)	DRC1820A
ABS pump (black)	(1)	AMR3773
ABS valve	(1)	YWB10027
air con fans	(1)	YWB10027
cruise control		
- manual	(1)	PRC9666
- auto	(1)	DRC1820A
fog lamps - front	(1)	YWB10027
fog lamps rear	(1)	DRC1820A
behind glovebox		
heated windscreen	(1)	AMR3773
under lh front seat		
electric seat	(2)	YWB10027
glow plug timer	(1)	PRC6913

Instruments

Speedometer & rev counter			<i>Please Enquire</i>
Bulb & holder assembly - instrument illumination;			
up to 1994 (VIN LA)			
grey	(11)	RTC6579	
blue	(1)	RTC6580	
brown			
short	(1)	PRC7451	
long	(1)	RTC6582	
1995 (VIN MA) on			
black base, clear bulb	(a/r)	RTC6607	
blue base, clear bulb	(1)	STC1339	
black base, green bulb	(2)	STC1341	
grey base, green bulb	(1)	STC1342	
Speedo cable - up to 1994 (VIN LA);			
V8 carb & 200Tdi			
rhd	(1)	PRC9872	
lhd	(1)	PRC9873	
V8 efi (transducer to speedometer)			
rhd & lhd	(1)	PRC9871	
V8 efi (gearbox to transducer)			
up to VIN HA473731 (1991)	(1)	PRC6320	
VIN HA473732 on	(1)	PRC7949	
Mpi			
rhd	(1)	PRC9872	
lhd	(1)	PRC9873	
Speed transducer;			
up to 1994 (VIN LA)	(1)	AMR3386	
<i>V8 efi only.</i>			
1995 (VIN MA) onwards	(1)	YBE100540	
<i>All models.</i>			
'O'-ring seal - speed transducer	(1)	571665	
<i>1995 on models.</i>			

Battery & Fittings

Battery - all models	(1)	STC4757
Clamp - battery retaining;		
up to 1994 (VIN LA)	(1)	MUC6514
1995 (VIN MA) onwards	(1)	AMR3679
'J'-bolt - battery clamp;		
long		
up to 1994 (VIN LA)	(1)	MRC7133
1995 (VIN MA) onwards	(1)	AMR3681
short		
up to 1994 (VIN LA)	(1)	MUC6513
1995 (VIN MA) onwards	(1)	AMR3680
Nut - 'J'-bolt	(2)	GHF212

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.

Anti-Lock Braking System (ABS)

Modulator - ABS;								
up to VIN MA163103 (1995)	(1)	STC1651						
VIN TA163104 (1996) to TA180925								
also, TA501920 to TA508779	(1)	STC3130						
VIN TA180926 on								
also, TA508780 on	(1)	STC3129						
Electronic Control Unit - ABS	(1)	AMR5557						
Wheel sensor - ABS;								
front	(2)	STC1749						
rear	(1)	STC1750						
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						
Relay - ABS;								
warning - green	(1)	DRC1820A						
pump - black	(1)	AMR3773						
valve - yellow	(1)	YWB10027						



Kenlowe Fan

Kenlowe fan kit;
Contains everything you need to fit an electric fan to your vehicle, including mounting brackets, wiring and temperature sensor.

V8 - all models					
without air con	(1)	RA1094			
with air con	(1)	RA1095			
diesel - all models	(1)	RA1096			



See Cooling & Heating section for details.

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

Radio Aerial

Aerial - manually retractable	(1)	AMR3461			
<i>Wing mounted.</i>					



Chassis Repair Sections

End piece - chassis rail - front;					
rh	(1)	STC9126			
lh	(1)	STC9125			
Crossmember - chassis;					
front	(1)	STC9135			
rear	(1)	ANR3432			
Outrigger - chassis;					
front					
rh	(1)	STC4410			
lh	(1)	STC4409			
rear					
rh	(1)	STC9132			
lh	(1)	STC9131			
Radius arm mounting - rear;					
rh	(1)	STC9139			
lh	(1)	STC9138			

Outer Panels

Front wing;					
up to 1994 (VIN LA)					
rh	(1)	MWC6754			
lh	(1)	MWC6755			
1995 (VIN MA)					
rh	(1)	ALR6682			
lh	(1)	ALR6681			
1996 (VIN TA) on					
rh	(1)	ALR9878			
lh	(1)	ALR9877			
Wheelarch liner - front;					
up to 1994 (VIN LA)					
rh	(1)	BTR2911			
lh	(1)	BTR2912			
1995 (VIN MA) on					
rh	(1)	BTR8932			
lh	(1)	BTR8931			
Body side panel - outer;					
3-door					
rh side					
up to 1994 (VIN LA)	(1)	MWC8084			
1995 (VIN MA) on	(1)	ALR9874			
lh side	(1)	ALR9873			
5-door					
rh side					
up to 1994 (VIN LA)	(1)	MWC80700			
1995 (VIN MA)	(1)	ALR5720			
1996 (VIN TA) on	(1)	ALR9876			
lh side					
up to 1995 (VIN MA)	(1)	ALR5721			
1996 (VIN TA) on	(1)	ALR9875			
Fuel filler flap	(1)	ALR5404			
Quarter panel - rear outer;					
<i>Either side of rear door. All models.</i>					
rh	(1)	MWC6804			
lh	(1)	MWC6805			
Crossmember - rear floor	(1)	STC1066			
<i>Base of rear door. All models.</i>					
Roof header panel - rear	(1)	ALR6238			
<i>Above rear door.</i>					
Closing panel - rear;					
up to VIN VA737406 (1997)	(1)	ASR1862			
VIN VA737407 on	(1)	AQH700010			
Roof panel;					
non-sunroof					
without roof-rack provision	(1)	MXC5293			
with roof-rack provision	(1)	MWC4246			
twin sunroof					
without roof-rack provision					
up to 1994 (VIN LA)	(1)	MXC5294			
1995 (VIN MA) on	(1)	ALR3775			
with roof-rack provision					
up to 1994 (VIN LA)	(1)	MWC6767			
1995 (VIN MA) on	(1)	ALR2811			
Bonnet	(1)	MWC6702			
Hinge - bonnet;					
rh	(1)	BKB700020			
lh	(1)	BKB700030			



Doors & Door Skins

Door shell - front;								
up to 1995 (VIN MA)								
rh	(1)	ALR5592						
lh	(1)	ALR5591						
1996 (VIN TA) on								
rh	(1)	ALR8578						
lh	(1)	ALR8579						
Door skin - front;								
up to 1995 (VIN MA)								
rh	(1)	ALR5822						
lh	(1)	ALR5823						
1996 (VIN TA) on								
rh	(1)	ALR8576						
lh	(1)	ALR8577						
Door shell - rear;								
up to end of VIN MA								
rh	(1)	ALR8020						
lh	(1)	ALR8019						
VIN TA (1996) on								
rh	(1)	ALR8574						
lh	(1)	ALR8575						
Door skin - rear;								
up to 1995 (VIN MA)								
rh	(1)	MWC9084						
lh	(1)	MWC9085						
1996 (VIN TA) on								
rh	(1)	ALR8572						
lh	(1)	ALR8573						
Rear load door shell	(1)	STC4390						

Inner Panels

Front Inner Panels

Radiator surround panel - front;								
up to 1994 (VIN LA)	(1)	STC1812						
1995 (VIN MA) on	(1)	ALR6272						
Headlamp mounting panel;								
up to 1994 (VIN LA)								
rh	(1)	STC1488						
lh	(1)	STC1487						
1995 (VIN MA) on								
rh	(1)	STC1766						
lh	(1)	STC1767						
Closing panel - front lower	(1)	MXC1944						
<i>Radiator surround panel.</i>								
Wheelarch & valance - front;								
up to 1994 (VIN LA)								
rh	(1)	ALR2348						
lh	(1)	ALR2349						
1995 (VIN MA) on								
rh	(1)	ALR9842						
lh	(1)	ALR9841						
Extension - wheelarch & valance upper;								
up to 1994 (VIN LA)								
rh	(1)	ALR3510						
lh	(1)	ALR3029						
1995 (VIN MA) to MA153366								
rh	(1)	ALR6244						
lh	(1)	ALR6243						
VIN MA153367 (1995) to end of VIN MA								
rh	(1)	ALR9210						
lh	(1)	ALR9209						
1996 (VIN TA)								
rh	(1)	ALR9136						
lh	(1)	ALR9453						
1997 (VIN VA) on								
rh	(1)	ASR1714						
lh	(1)	ASR1715						
Battery panel;								
up to 1994 (VIN LA)								
rh	(1)	ALR4468						
lh	(1)	ALR4467						
1995 (VIN MA) on								
rh	(1)	ASR1400						
lh	(1)	ASR1401						
Closing panel - battery tray;								
rh	(1)	ALR5718						
lh	(1)	ALR5717						

Side Frame & Panels - Inner

A-Post;								
up to 1994 (VIN LA)								
rh	(1)	MXC1028						
lh	(1)	MXC1029						
1995 (VIN MA) on								
rh	(1)	ALR6994						
lh	(1)	ALR6993						
B/C-Post;								
3-door								
up to 1994 (VIN LA)								
rh	(1)	MWC7484						
lh	(1)	MWC7485						
1995 (VIN MA) on								
rh	(1)	ALR3872						
lh	(1)	ALR3871						
5-door								
rh	(1)	ALR4458						
lh	(1)	ALR4457						
D-Post - 5-door;								
rh	(1)	STC378						
lh	(1)	STC379						
Wheelarch panel - 5-door;								
<i>Inside rear passenger door-shut.</i>								
rh	(1)	MWC4840						
lh	(1)	MWC4841						
Side panel - inner - 3-door;								
<i>Ahead of rear wheel arch.</i>								
rh	(1)	MXC7020						
lh	(1)	MXC7019						
D-post inner panel - 3-door;								
rh	(1)	MXC8662						
lh	(1)	MXC8663						
Corner panel - rear;								
inner								
rh	(1)	ALR6054						
lh	(1)	ALR6055						
outer								
rh	(1)	STC105						
lh	(1)	STC106						
Inner panel - rear;								
up to 1994 (VIN LA)								
rh	(1)	ALR4472						
lh	(1)	ALR4473						
1995 (VIN MA) on								
rh	(1)	ALR9608						
lh	(1)	ALR9607						
Wheelarch assembly - rear inner;								
rh	(1)	ALR3790						
lh	(1)	ALR3789						

Cantrail (top of door pillars);
3- & 5-doors.

rh	(1)	ALR9536						
lh	(1)	ALR9537						
Header panel - roof;								
<i>Front support panel.</i>								
up to 1994 (VIN LA)	(1)	STC104						
1995 (VIN MA) on	(1)	ALR7845						
Transverse support - roof								
centre	(1)	ALR2701						
rear	(1)	STC1517						
Longitudinal support - roof	(2)	ALR5074						

Sills & Floor

Sill - all models;								
rh	(1)	MWC9060						
lh	(1)	MWC9061						
Sill finisher - see <i>Body Finishers</i> section.								
Floor - load area	(1)	ASR1186						
Crossmember - rear	(1)	STC1066						





Front Grille

Front grille;		
up to 1994 (VIN LA)	(1)	MWC6763PUB
1995 (VIN MA) on	(1)	AWR2541
Headlamp finisher;		
up to end of VIN LA		
rh	(1)	BTR8918
lh	(1)	BTR8919
1995 (VIN MA) on		
rh	(1)	DHH100760LML
lh	(1)	DHH100770LML
Badge -front grille;		
up to 1994 (VIN LA)	(1)	MXC5323
1995 (VIN MA) on	(1)	BTR8401

Bumpers

Front bumper;		
up to 1994 (VIN LA)	(1)	NTC5077
1995 (VIN MA) on	(1)	ANR2029
Bracket -front bumper end support;		
up to 1994 (VIN LA)	(2)	NTC7482
1995 (VIN MA) on	(2)	ANR2741
End cap -front bumper;		
up to 1994 (VIN LA)		
rh	(1)	NTC5082PUB
lh	(1)	NTC5083PUB
1995 (VIN MA) on		
rh	(1)	AWR2988PMD
lh	(1)	ANR2987PMD
Plinth -number plate -front bumper;		
up to 1994 (VIN LA)	(1)	NTC5486PUB
1995 (VIN MA) on		
without bull bar	(1)	AWR6883PMD
with bull bar	(1)	STC8836AA
Rear bumper;		
up to 1994 (VIN LA)	(1)	NTC9665PUB
1995 (VIN MA) on	(1)	ANR2743
Bracket- rear bumper support;		
up to 1994 (VIN LA)	(2)	NTC5106
1995 (VIN MA) on		
rh	(1)	ANR3025
lh	(1)	ANR3026
End cap -rear bumper;		
up to 1994 (VIN LA)		
rh	(1)	NTC5098PUB
lh	(1)	NTC5099PUB
1995 (VIN MA) to VIN TA164023,		
also TA502127 (1996)		
rh	(1)	AWR1002PMD
lh	(1)	AWR1001PMD
VIN TA164024, also TA502128 on		
rh	(1)	AWR2984PMD
lh	(1)	AWR2985PMD
Reflector -rear bumper end cap;		
up to VIN KA055950 (1993)	(2)	NTC5101
KA055951 to LA167187 (1994)	(2)	AMR2330
VIN LA067188 on	(2)	NTC5101

Front Valance

Front lower valance;		
no driving lamps		
up to 1994 (VIN LA)	(1)	MWC8004PUB
1995 (VIN MA) on	(1)	AWR1479PMD
suitable for driving lamps	(1)	AWR2438PMD
From 1996 (VIN TA).		

Sill Finishers

Sill finisher;		
3-door		
rh	(1)	BTR5706PUB
lh	(1)	BTR5705PUB
5-door		
rh	(1)	BTR5704PUB
lh	(1)	BTR5703PUB
Plastic rivet - sill finisher	(40)	79086



Body Side Mouldings

See also 'Accessories' for rubbing strip kits.

Rubbing strip -up to VIN MA;		
with chrome strip		
front wing		
rh	(1)	BTR503LUZ
lh	(1)	BTR504LUZ
front door		
rh	(1)	BTR505LUZ
lh	(1)	BTR506LUZ
rear door		
rh	(1)	BTR507LUZ
lh	(1)	BTR508LUZ
rear wing		
up to 1994 (VIN LA)		
rh	(1)	BTR509LUZ
lh	(1)	BTR510LUZ
1995 (VIN MA) on		
rh	(1)	BTR8238LUZ
lh	(1)	BTR8237LUZ
plain black		
front wing		
rh	(1)	BTR8680PMD
lh	(1)	BTR8681PMD
front door		
rh	(1)	BTR8682PMD
lh	(1)	BTR8683PMD
rear door		
rh	(1)	BTR8684PMD
lh	(1)	BTR8685PMD
rear wing		
rh	(1)	BTR8700PMD
lh	(1)	BTR8701PMD

DESCRIPTION <td>QTY REQ. <td>PART NO.</td> </td>	QTY REQ. <td>PART NO.</td>	PART NO.
Rubbing strip -VIN TA on -except XS models;		
with chrome strip		
front wing		
rh	(1)	AWR4334LUZ
lh	(1)	AWR4335LUZ
front door		
rh	(1)	AWR4336LUZ
lh	(1)	AWR4337LUZ
rear door		
rh	(1)	AWR4338LUZ
lh	(1)	AWR4339LUZ
rear wing		
rh	(1)	AWR4340LUZ
lh	(1)	AWR4341LUZ
plain black		
front wing		
rh	(1)	AWR4334PMD
lh	(1)	AWR4335PMD
front door		
rh	(1)	AWR4336PMD
lh	(1)	AWR4337PMD
rear door		
rh	(1)	AWR4338PMD
lh	(1)	AWR4339PMD
rear wing		
rh	(1)	AWR4340PMD
lh	(1)	AWR4341PMD

Includes wheelarch moulding.

front wheelarch		
rh	(1)	AWR2098PMD
lh	(1)	AWR2099PMD
rear wheelarch		
rh	(1)	AWR2104PMD
lh	(1)	AWR2105PMD
front door		
rh	(1)	AWR2100PMD
lh	(1)	AWR2101PMD
rear door		
rh	(1)	AWR2102PMD
lh	(1)	AWR2103PMD



Wheel Arch Flare Kits

See also 'Accessories' for rubbing strip kits with integrated arch mouldings.

Wheel arch flare kit;		
3-door vehicles		
up to March 1994 (VIN LA)	(1)	STC8140
For fitting with rubbing strip kit STC8037.		
March 1994 (VIN MA) on	(1)	STC8497
5-door vehicles		
up to March 1994 (VIN LA)	(1)	STC8139
March 1994 (VIN MA) on	(1)	STC8498



WHEEL ARCH FLARE KIT
STC8498

Body Trim- & Finishers

Finisher -roof gutter;								
side	(2)	AWR1030PMA						
rear	(1)	BTR921PUB						
corner piece - rear								
rh	(1)	BTR919PUB						
lh	(1)	BTR920PUB						
end piece - front								
rh	(1)	BTR922PUB						
lh	(1)	BTR923PUB						
Joiner -gutter finisher;								
front end piece to side	(2)	BTR916PUB						
rear corner piece to side	(2)	BTR5048PUB						
rear corner piece to rear	(2)	BTR915PUB						
B/C post finisher -3-door only;								
rh	(1)	MXC8397PUB						
lh	(1)	MXC8398PUB						
D post finisher -all models;								
rh	(1)	DDG100300						
lh	(1)	DDG100310						
Air intake grille	(1)	MXC6374PMD						
<i>Base of windscreen.</i>								
End trim moulding -intake grille;								
rh	(1)	MXC6372PMD						
lh	(1)	MXC6373PMD						
Seal -scuttle panel	(1)	MXC3115						
Fuel filler flap	(1)	ALR5404						
Lock - fuel filler flap	(1)	RTC6687						



Roof Rails

Roof rail;								
up to VIN VA724357, also VA558850 (1997)								
rh	(1)	MWC8186						
lh	(1)	MWC8187						
VIN VA724358, also VA558851 on								
rh	(1)	CAC100180						
lh	(1)	CAC100190						
Gasket -roof rails;								
up to VIN VA724357, also VA558850 (1997)								
front								
rh	(1)	MWC8759						
lh	(1)	MWC8760						
rear								
rh	(1)	MXC4653						
lh	(1)	MXC4652						
VIN VA724358, also VA558851 on								
front upper								
rh	(1)	CAJ100380						
lh	(1)	CAJ100390						
front lower								
rh	(1)	CAJ100360						
lh	(1)	CAJ100210						
rear upper								
rh	(1)	CAJ100340						
lh	(1)	CAJ100350						
rear lower								
rh	(1)	CAJ100320						
lh	(1)	CAJ100330						

Bonnet Fittings

Bonnet release cable;								
up to VIN MA117986 (1995) (1)			MXC6324					
VIN MA117987 to TA164840, also								
TA502372 (1996) (1)			ALR7062					
VIN TA164841 also TA502373 on (1)			ASR1405					
Hinge assembly -bonnet;								
rh	(1)		BKB700020					
lh	(1)		BKB700030					
Bonnet catch;								
lhd	(1)		STC925					
rhd	(1)		STC924					
Striker - bonnet catch	(1)		MWC6193					
Bonnet buffer	(2)		BTR966					
Soundproofing -underbonnet	(1)		AWR4148					

Door Fittings

Door hinge;								
front door								
rh	(2)		MXC2166					
lh	(2)		MXC2167					
rear door								
rh	(2)		MXC2166					
lh	(2)		MXC2167					
tail door								
top	(2)		MXC8531					
bottom	(1)		ALR2400					
A post hinge;								
upper								
rh	(1)		MXC2164					
lh	(1)		MXC2165					
lower								
rh	(1)		MXC5770					
lh	(1)		MXC5771					
B post hinge;								
upper								
rh	(1)		MXC2162					
lh	(1)		MXC2163					
lower								
rh	(1)		MXC5768					
lh	(1)		MXC5769					
Check strap -door;								
front								
rh	(1)		ALR4726					
lh	(1)		ALR4727					
rear	(2)		ALR4725					
Stay - tail door	(1)		MXC6677					



Spare wheel carrier - tail door (1)	ALR5693
<i>Nb. Suitable only for 205 section tyre. For 235 sect/on tyre, add spacer and bolts, as follows.</i>	
Spacer -spare wheel carrier (2)	ANR5040
Bolt -spare wheel carrier, 235 section tyres;	
M8 x 70 (5)	FB108161
M8 x 80 (1)	FB108171
Nut- M8 (6)	FN108041

Door Handles

Handle assembly -side doors;					
front door					
rh (1)			RTC6685		
lh (1)			RTC6686		
rear door					
rh (1)			MXC1254		
lh (1)			MXC1255		
Seal - door handle (4)			MXC3178		
Handle assembly - tail door (1)			CXB102190		
Cover - tail door handle (1)			MWC6733		
Gasket - tail door handle cover(1)			MWC9171		
Badge - tail door handle cover(1)			MXC2519		
Latch assembly - tail door (1)			MXC2008		

Door Locks

Vehicle lock set; .					
<i>Includes: Ignition lock assembly, front door handles & locks, tail door lock & fuel filler flap lock.</i>					
up to 1994 (VIN LA)					
non-alarmed vehicles (1)			MXC6549		
vehicles with factory alarm					
rhd (1)			ALR2252		
lhd (1)			ALR2253		
1995 (VIN MA) on					
non-alarmed vehicles (1)			ALR3272		
vehicles with factory alarm					
rhd (1)			ALR3933		
lhd (1)			ALR3937		
Individual locks;					
<i>Complete with keys.</i>					
steering column lock					
up to 1994 (VIN LA) (1)			STC981		
1995 (VIN MA) on (1)			STC1435		
front door locks (all vehicles)					
rh (red cam) (1)			RTC6689		
lh (blue cam) (1)			RTC6690		
tail door lock (1)			RTC6688		
fuel filler flap lock (1)			RTC6687		

Door Glass & Fittings

Door glass;		
front door		
rh	(1)	MWC8436
lh	(1)	MWC8437
rear passenger door		
main glass		
rh	(1)	MWC8438
lh	(1)	MWC8439
quarterlight		
rh	(1)	MTC5956
lh	(1)	MTC5955
Lift channel -door glass;		
front		
up to 1994 (VIN LA)	(2)	MUC2322
1995 (VIN MA) to MA137189	(2)	ALR6482
VIN MA137190 (1995) on(2)		ALR8022
rear		
up to 1994 (VIN LA)		
rh	(1)	MUC1219
lh	(1)	MUC1218
1995 (VIN MA) to MA137189		
rh	(1)	MUC1219
lh	(1)	MUC1218
VIN MA137190 (1995) on(2)		ALR8024
Rubber -glass lift channel;		
front		
up to VIN MA139664 (1995)	(2)	MUC2325
VIN MA139665 on	(2)	ALR8990
rear		
up to MA137189	(2)	ALR6541
VIN MA137190 (1995) on(2)		ALR8991
Seal -window frame;		
front		
	(2)	MWC9602
rear		
main glass	(2)	MWC9603
quarterlight	(2)	MTC9131

Window Regulators

Window regulator -manual;		
front		
up to 1994 (VIN LA)		
rh	(1)	MUC2038
lh	(1)	MUC2039
1995 (VIN MA) on		
rh	(1)	ALR6474
lh	(1)	ALR6473
rear		
rh	(1)	MTC8906
lh	(1)	MTC8907
Window regulator -electric;		
<i>For electric window motors, please see Electrical section.</i>		
front		
up to VIN MA137189 (1995)		
rh	(1)	RTC3814
lh	(1)	RTC3815
VIN MA137190 (1995) on		
rh	(1)	CUH102300
lh	(1)	CUH102310
rear		
up to VIN MA137189 (1995)		
rh	(1)	RTC3816
lh	(1)	RTC3817
VIN MA137190 (1995) on		
rh	(1)	STC2884
lh	(1)	STC2883

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.



BLACK DOOR SEAL (AFTERMARKET)

Door Seals

Door aperture seal;		
car set (4) black (Aftermarket) - great value!		
	(1)	RD1142
front		
black (Aftermarket) - great value!		
rh or lh	(2)	ALR1590-1B
sonar blue		
rh	(1)	ALR1590JUL
lh	(1)	AIR1591JUL
Bahama beige		
rh	(1)	LR1590SUC
lh	(1)	ALR1591SUC
dark granite		
rh	(1)	ALR1590LOY
lh	(1)	ALR1591LOY
rear		
black (Aftermarket) - great value!		
rh or lh	(2)	MXC5570-1B
sonar blue		
rh	(1)	MXC5570JUL
lh	(1)	MXC5571JUL
Bahama beige		
rh	(1)	MXC5570SUC
lh	(1)	MXC5571SUC
dark granite		
rh	(1)	MXC5570LOY
lh	(1)	MXC5571LOY
Outer waist seal - door;		
front door		
up to 1994 (VIN LA)		
rh	(1)	BTR8864
lh	(1)	BTR8865
1995 (VIN MA) on		
rh	(1)	BTR9256
lh	(1)	BTR9255
rear door		
rh	(1)	ASR2524
lh	(1)	ASR2525
Inner waist seal -door;		
front		
up to VIN LA060522 (1994)(2)		BTR8301
VIN LA060523 on		
rh	(1)	AWR5994
lh	(1)	AWR5993
rear		
rh	(1)	AWR5996
lh	(1)	AWR5995

Windscreen & Tail Door Glass & Fittings

Windscreen;		
<i>Note: windscreens are available for collection only.</i>		
non-heated		
up to 1994 (VIN LA)	(1)	MWC7895
1995 (VIN MA) only	(1)	BTR9642
1996 (VIN TA) on	(1)	AWR2228
heated		
up to 1994 (VIN LA)		
clear	(1)	BTR742
green-tinted	(1)	BTR705
1995 (VIN MA) only	(1)	BTR9642
1996 (VIN TA) only	(1)	AWR2228
1997 (VIN VA) on	(1)	AWR3282
Seal- windscreen	(1)	MWC8304
<i>Up to 1994 (VIN LA).</i>		
Sealant pack - direct glazed screen	(1)	BHM705
<i>From 1995 (VIN MA) on.</i>		
Finisher -windscreen seal;		
up to 1994 (VIN LA)	(a/r)	MXC8199
1995 (VIN MA) on		
top	(1)	AWR2025
rh side	(1)	AWR2023
lh side	(1)	AWR2024
bottom		
unheated screen	(1)	AWR1512
heated screen	(1)	AWR5349
Tail door glass;		
without high level stop lamp		
up to 1994 (VIN LA)	(1)	MXC6682
1995 (VIN MA) on	(1)	BTR6186
with high level stop lamp	(1)	BTR9652
Seal -tail door glass	(1)	CDB100230

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.

Rear Side Glass & Alpine Windows

Glass -rear opening window (3-door); up to 1992 (VIN JA)		
rh	(1)	MWC7438
lh	(1)	MWC7439
1993 (VIN KA) on		
rh	(1)	BTR1570
lh	(1)	BTR1569
Seal -rear opening window;		
rh	(1)	BTR290
lh	(1)	BTR289
Catch assembly -rear opening window;		
up to 1992 (VIN JA)	(2)	RTC6816LUN
1993 (VIN KA) on	(2)	STC884LNF
Glass -rear loadspace window;		
3-door		
up to 1996 (VIN TA)		
rh (no aerial)	(1)	MXC6812
lh	(1)	MXC6813
1997 (VIN VA) on		
rh (with aerial)	(1)	AWR3290
lh	(1)	MXC6813
5-door		
up to 1996 (VIN TA)		
rh (no aerial)	(1)	MXC1210
lh	(1)	MXC1211
1997 (VIN VA) on		
rh (with aerial)	(1)	AWR3292
lh (with aerial)	(1)	AWR3291
Seal - rear loadspace window;		
3-door		
rh	(1)	AWR5386
lh	(1)	AWR5387
5-door		
rh	(1)	AWR5388
lh	(1)	AWR5389
Glass - alpine window;		
rh	(1)	MWC7336
lh	(1)	MWC7337
Seal - alpine window;		
rh	(1)	AWR1146
lh	(1)	AWR1147
Finisher - seal	(a/r)	AWR1145

Sunroof

Sunroof glass panel;		
front		
manually operated	(1)	STC8096
<i>Available only as complete assembly.</i>		
electric		
1995 (VIN MA) to VIN TA	(1)	STC1684
1997 (VIN VA) on	(1)	AWR6577
rear	(1)	STC8096
<i>Available only as complete assembly.</i>		
Seal - sunroof (manually operated);		
front sunroof		
glass to frame		
up to 1992 (VIN JA)	(1)	RTC6481
1993 (VIN KA) on	(1)	STC773
frame to body	(1)	RTC6482
rear sunroof		
glass to frame		
	(1)	RTC6481
frame to body	(1)	RTC6482



Door Mirrors

Door mirror assembly -manually adjustable;		
up to 1994 (VIN LA)		
rh	(1)	BTR4825
lh	(1)	BTR4826
1995 (VIN MA) to MA129286		
rh	(1)	BTR4324
lh	(1)	BTR4323
VIN MA129287 (1995) on		
rh	(1)	CRB108880
lh	(1)	CRB108890
Door mirror assembly -electrically adjustable;		
up to VIN LA (1994)		
rh	(1)	BTR5202
lh	(1)	BTR5203
1995 (VIN MA) on		
rh	(1)	CRB108800
lh	(1)	CRB108810
Gasket -door mirror;		
manually adjustable mirrors(2)		MUC1792
electrically adjustable mirrors		
up to 1994 (VIN LA)	(2)	MXC8715
1995 (VIN MA) on	(2)	MUC1792
Mirror glass only;		
<i>Heated, convex.</i>		
up to 1994 (VIN LA)		
rh	(1)	MTC6538
lh	(1)	MUC1609
1995 (VIN MA) on		
rh	(1)	CRD100640
lh	(1)	CRD100650



Rear View Mirror

Rear view mirror;		
manual dim		
up to 1995 (VIN MA)	(1)	STC4781
1996 (VIN TA) on	(1)	AWR2147
auto dim-from 1996 (VIN TA)	(1)	AWR2146
Adhesive pad -mirror	(1)	STC118



Mudflaps

Mudflap Kit		
<i>Includes a pair of mudflaps & fittings</i>		
Front		RTC6820
Rear		RTC6821
Bracket only - mudflap;		
front		
rh	(1)	392678
lh	(1)	392679
rear		
rh	(1)	MXC6509
lh	(1)	MXC6510



BODY FITTINGS & FINISHERS



For body graphics, such as FXi or XS versions, please contact our sales department.

3.5 LITRE
3.9 LITRE
4.6 LITRE

V8

Transfers;
 Not original Discovery fitment.

'3.5 LITRE' - each		
black	(2)	RB7263B
gold	(2)	RB7263G
silver	(2)	RB7263S
'3.9 LITRE' - pair		
black	(1)	RB7498 3.9B
gold	(1)	RB7498 3.9G
silver	(1)	RB7498 3.9S
red	(1)	RB7498 3.9R
'4.6 LITRE' - pair		
black	(1)	RB7498 4.6B
gold	(1)	RB7498 4.6G
silver	(1)	RB7498 4.6S
'V8' - each		
black	(2)	RB7306B
gold	(2)	RB7306G
silver	(2)	RB7306S

Badges & Transfers

LAND ROVER

Grille badge - front;
 up to 1994 (VIN LA) (1) MXC5323
 1995 (VIN MA) on (1) BTR8401

Bonnet transfer - 'LAND ROVER' -1995 on;
 VIN MA onwards.

mid silver	(1)	BTR9897MUK
grey	(1)	BTR9897LAV

ES

GS

PREMIUM

Wing transfer -1995 (VIN MA) on;
 'ES' (2) AWR1153
 'GS' (2) DAH100620MUK
 mid silver (2) DAH100620LAV
 grey (2) DAM100650
 'PREMIUM' (2) DAM100650
 'LAND ROVER SPECIAL VEHICLES'(2)STC7052
 Small.

Discovery

Wing transfer -up to 1994 (VIN LA);
 'DISCOVERY'

silver		
rh	(1)	BTR1282MCF
lh	(1)	BTR1283MCF
nimbus grey		
rh	(1)	BTR1282LMP
lh	(1)	BTR1283LMP

BTR1047

AWR2617

Land Rover badges;
 Adhesive -backed badge. Not original Discovery fitment.

'Classic'	(1)	AWR2617
'Land Rover'	(1)	BTR1047

V8 Tdi
V8i Mpi
Catalyst

DISCOVERY
V8i
Tdi
Mpi
Discovery

Tail door transfer;
 up to 1994 - 'DISCOVERY' (1) MXC7250LMP
 Nimbus grey.
 1995 on

'DISCOVERY'		
mid silver	(1)	BTR9896MUK
grey	(1)	BTR9896LAV
'V8i'		
mid silver	(1)	BTR9898MUK
grey	(1)	BTR9898LAV
'Tdi'		
mid silver	(1)	BTR9899MUK
grey	(1)	BTR9899LAV
'Mpi'		
mid silver	(1)	BTR9900MUK
grey	(1)	BTR9900LAV
'LAND ROVER SPECIAL VEHICLES'(2) STC7053 Large.		

V8

V8 chrome badge (2) BRC6484
 Adhesive -backed badge. Not original Discovery fitment.





Seat Re-Trim Kits

Includes replacement type seat covers for retrimming original front and rear seats (excluding 6/7th seats). Material is original type or similar to original, depending upon availability.

Seat re-trim kit

up to VIN LA ('94)	(1)	RD1075
colours available: blue or beige (cloth).		
VIN MA ('95 on)		
colours available: dark granite (grey) or beige.		
cloth	(1)	RD1076
leather	(1)	RD1077
VIN WA only		
colours available: dark granite (grey) or beige.		
special edition 'Kestrel' cloth	(1)	RD1078
XS model only (leather & cloth)	(1)	RD1079
colours available: dark granite (grey).		
1998 model year only (leather)	(1)	RD1080
colours available: lightstone beige.		

Seat Belts

Front seat belt - inertia reel;

Aftermarket (black) - great value!

rh or lh	(2)	XKC2528SA
OE - up to 1992 (VIN JA)		
rh	(1)	STC1743
lh	(1)	STC1744
OE - 1993 (VIN KA) to 1995 (VIN MA)		
rh	(1)	STC870LNF
lh	(1)	STC869LNF
OE - 1996 (VIN TA) on	(2)	AWR2948LNF

Rear seat belt - inertia reel;

Aftermarket (black) - great value!

rh or lh	(2)	R01086
OE - up to 1992 (VIN JA)		
3-dr		
rh	(1)	MWC8064LUN
lh	(1)	MWC8065LUN
5-dr		
rh	(1)	BTR951LUN
lh	(1)	BTR952LUN
OE - 1993 (VIN KA) onwards		
rh	(1)	BTR7768LNF
lh	(1)	BTR7767LNF

Rear centre lap seat belt;

Aftermarket (black) -

great value!
Inc. buckle & tongue. Single belt.

OE - buckle	(1)	RS1394S
up to 1992 (VIN JA)	(1)	BTR478LUN
1993 (VIN KA) only	(1)	BTR478LNF
1994 (VIN LA) on	(1)	BTR7770LNF
OE - tongue		
up to 1992 (VIN JA)	(1)	BTR633LUN
1993 (VIN KA) on	(1)	BTR633LNF

Rear inward facing seat belt;

OE - buckle

up to 1992 (VIN JA)	(1)	MWC8066LUN
1993 (VIN KA) on	(1)	BTR8163LNF
OE - tongue		
up to 1992 (VIN JA)	(1)	BTR632LUN
1993 (VIN KA) on	(1)	BTR8162LNF



Door Trim Panels

Please contact our sales department for price & availability of original door trim panels.

Interior Door Handles

Interior door handle - ash grey;

front

up to VIN JA (1992)		
rh	(1)	MXC2722LUN
lh	(1)	MXC2723LUN
VIN KA (1993) on		
rh	(1)	MXC2722LNF
lh	(1)	MXC2723LNF

rear

up to VIN JA (1992)		
rh	(1)	DBP5840LUN
lh	(1)	DBP5841LUN
VIN KA (1993) on		
rh	(1)	DBP5840LNF
lh	(1)	DBP5841LNF
tail door		
up to VIN JA (1992)	(1)	DBP5840LUN
VIN KA (1993) on	(1)	DBP5840LNF

Lock button - door trim panel;

Front, rear & tail doors. Ash grey.

up to VIN JA (1992)	(4)	MXC3175LUN
VIN KA (1993) to TA (1996)	(4)	MXC3175LNF
VIN VA (1997) on	(4)	AWR5250LNF



Door Pillar Trim (A-B-C post)

A-post finisher (3 door & 5 door):

up to VIN LA

bahama beige		
rh		MWC8920SUC
lh		MWC8921SUC
sonar blue		
rh		MWC8920JUL
lh		MWC8921JUL

VIN MA

mist grey		
rh		AWR1442LUM
lh		AWR1443LUM

VIN TA (mist grey)

without speaker		
rh		AWR1450LUM
lh		AWR1449LUM
with speaker		
rh		EIE10000LUM
lh		EIE100010LUM

BC-post finisher (5 door only):

upper

up to VIN JA		
bahama beige		
rh		BTR1016SUC
lh		BTR1017SUC
sonar blue		
rh		BTR1016JUL
lh		BTR1017JUL

VIN KA to LA

bahama beige		
rh		AWR61775SUC
lh		BTR6043SUC
sonar blue		
rh		BTR6044JUL
lh		BTR6043JUL

VIN MA on

dark granite		
rh		AWR6178LOY
lh		AWR6177LOY
lower		
bahama beige		
rh		AWR6448SUC
lh		BTR484SUC

sonar blue

rh		BTR485JUL
lh		BTR484JUL
dark granite		
rh		AWR6448LOY
lh		BTR484LOY

Rear D-Post Trim

D-post finisher (5 door only)

bahama beige		
rh		MWC7826SUC
lh		MWC7827SUC
sonar blue		
rh		MWC7826JUL
lh		MWC7827JUL
dark granite		
rh		MWC7826LOY
lh		MWC7827LOY



AFTERMARKET SEAT BELT KITS (BLACK)



Headlining

Headlining

non-sunroof

up to VIN LA - aspen grey (1) **BTR1299LUP**

VIN MA to TA - mist grey

non rear air con (1) **AWR1518LUM**

with rear air con (1) **AWR1521LUM**

VIN VA on

non rear air con (1) **AWR5214LUM**

with rear air con (1) **AWR5217LUM**

with twin sunroof

up to VIN LA - aspen grey (1) **BTR1300LUP**

VIN MA to TA - mist grey

non rear air con (1) **AWR1517LUM**

with rear air con (1) **AWR1520LUM**

VIN VA on

non rear air con (1) **AWR5213LUM**

with rear air con (1) **AWR5216LUM**

Leisure

up to VIN JA - aspen grey(1) **MXC8065LUP**

VIN KA to LA - aspen grey(1) **BTR1304LUP**

VIN MA to TA - mist grey (1) **AWR1519LUM**

VIN VA on - mist grey (1) **AWR5215LUM**



Sunvisors

Please contact our Sales Department for price and availability of sunvisors.

Sunroof Roller Blind

Sunroof roller blind (shown below) (2) **STC8158**
Up to March 1994 (VIN LA). Suitable for front or rear.



SUNROOF ROLLER BLIND

Carpet Sets

Remanufactured carpet sets comprise all interior carpets including rear loadspace area.

Carpet set

All models 1989-98. Colours available: beige, grey, blue.

3-door models (1) **RD1081**

5-door models (1) **RD1150**



SOUNDPROOFING KIT

Sound Proofing Kits

We have a comprehensive interior soundproofing kit available, which is extremely effective at reducing the noise levels of Discoverys - particularly Tdi models.

Soundproofing kit (shown above) **RD1082**
Interior kit, suitable for all vehicles.



REAR DOOR INTERIOR PROTECTOR

Rear Door - Interior Protector

Rear door interior protector (shown above)
Original equipment. Ash grey.

for models with:-

door pockets

no door pockets

subwoofer/speaker

no rear door handel

STC8145AA

STC8422AA

STC8146AA

STC8885AA



GREY

GREEN

BLACK

ROYAL

RED

BEIGE

Waterproof Seat Covers

High quality, tailor-made & totally waterproof slip-on seat covers. Washable fabric.

Waterproof seat covers (aftermarket);
Available in a choice of 6 colours.

front seats (pair)

non ES models (no armrests) **RD1117**

ES models (with armrests) **RD1118**

Leather seats.

vehicle set

non ES models (no front armrests) **RD1064**

ES models (with front armrests) **RD1071**

Leather seats.

Waterproof seat covers (original equipment);
Not shown.

front seats (pair)

grey **STC8171AC**

electric seats **STC8945AA**

beige

non electric seats **STC8175AC**

electric seats **STC8948AA**

rear seats (pair) (with armrest)

grey **STC50012**

beige **STC50011**

rear seats (6th & 7th) inward facing (pair)

grey **STC8173AA**

beige **STC8177AA**

vehicle set (for 7 seats)

grey

non electric seats **STC8170AC**

electric seats **STC8944AA**

beige

non electric seats **STC8174AC**

electric seats **STC8947AA**

RUBBER OVER-MAT SET (ORIGINAL EQUIPMENT)



Footwell Mats

Footwell over-mat set (3 & 5 door models)
Includes front & rear footwell overmats.

rubber car set **STC8188**
Original equipment.

velour/carpet car set **RD1072**
Top quality. Colours available: beige, grey, blue (dark) & black.
Available as aftermarket and original equipment (certain colours).

VELOUR OVER-MAT SET - ORIGINAL EQUIPMENT SHOWN



RIGID PLASTIC LOADSPACE PROTECTOR



STOWABLE LOADSPACE PROTECTOR (NYLON) - FULL LENGTH

Loadspace Protector

Loadspace protector (original equipment) Ash grey;

- rigid - moulded plastic
- half length
 - all models without rear air/con **STC8185AA**
 - commercial models **STC7004**
- full length (use with rear seats folded)
 - all models without rear air/con **STC7625**
- stowable - full length (use with rear seats folded)
 - nylon **STC8109**



RUBBER (MOULDED) LOADSPACE MAT (4" SIDES)

Loadspace Mat

Rear loadspace over mat

- rubber (original equipment)
 - all models without rear air/con **STC8465**
 - all models with rear air/con **STC7551**
- rubber (Aftermarket) **RD1146**
Moulded loadspace mat with 4" high sides.
Can be rolled up when not in use.
- velour/carpet
 - Top quality. Colours available: beige, grey, blue (dark) & black. Available as aftermarket only.
 - all models without rear air/con **RD1073**
 - all models with rear air/con **RD1073AC**



RUBBER LOADSPACE OVER MAT (OE)

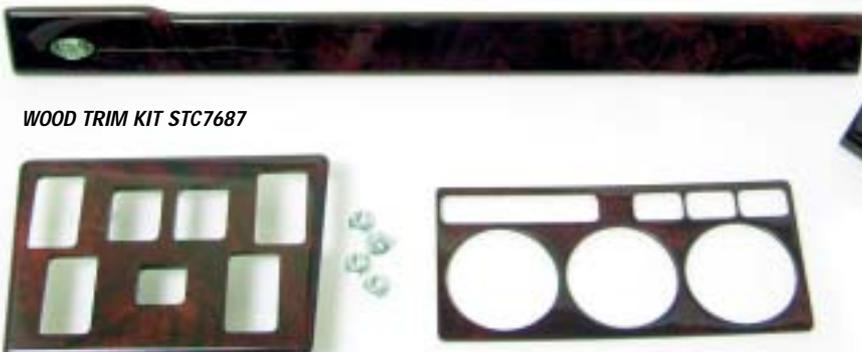
VELOUR LOADSPACE OVER MAT

Roller Loadspace Cover

Roller type loadspace cover (Original equipment)
up to 1997 (to VIN VA730340 & VA731089)

- blue **RTC9561JUL**
- beige **STC7810SUC**
- grey **STC7810LOY**
- 1997 on (above VIN nos on)
 - beige **ERK100280SUC**
 - grey **ERK100280LOY**

WOOD TRIM KIT STC7687



Interior Wood Trim Kits

Interior wood trim kit
March '94 on (300 series). Original equipment.

- rh (5 door)
 - with non-passenger air bag & non heated seats **STC7670**
 - with passenger air bag & heated seats (July '96 on) **STC7687**

Rigid Loadspace Parcel Shelf



Loadspace parcelshelf (rigid) **RD1135**

Aftermarket.
Available in beige, grey & blue.
Fits all models 1989 to 1998 (excluding 7 seat models).



Gear Lever & Handbrake Gaiters

- Gaiter - main gear lever (manual);
 up to 1992 (VIN JA) (1) **MXC2184LUN**
 1993 (VIN KA) to 1994 (VIN LA) (1) **MXC2184LNF**
 1995 (VIN MA) to MA152978 (1) **BTR9840LNF**
 VIN MA152978 on (1) **FJL101680PMA**
- Gaiter - transfer box lever;
 up to 1992 (VIN JA) (1) **MXC2187LUN**
 1993 (VIN KA) to 1994 (LA) (1) **MXC2187LNF**
 1995 (VIN MA) to MA152978 (1) **BTR9217LNF**
 VIN MA152978 on (1) **FJL101530PMA**
- Inner gaiter - transfer gear lever (auto);
 up to 1994 (VIN LA) (1) **BTR8323**
 1995 (VIN MA) on (1) **BTR9813**
- Illumination assembly - auto gear selecto;
 up to 1994 (VIN LA) (1) **BTR4029**
 1995 (VIN MA) on (1) **BTR9926LNF**
- Bulb - gear selector illumination (2) **STC881**
- Finisher trim - auto gear lever surround;
 up to 1994 (VIN LA) (1) **BTR1514LNF**
 1995 (VIN MA) on (1) **BTR3100LNF**
- Handbrake gaiter;
 up to 1992 (VIN JA) (1) **MXC7387LUN**
 1993 (VIN KA) to 1994 (LA) (1) **MXC7387LNF**
 1995 (VIN MA) on (1) **FJL101710PMA**
Black.
- Grip - handbrake lever (1) **SNE100090PMA**
Black.

CUBBY BOX
STC8088



Cubby Box

- Cubby box - centre console
Original equipment.
- blue (1) **STC8088**
 beige (1) **STC8089**
- Lid - cubby box tunnel console (1995 on)
 dark granite (1) **STC1806LOY**
 bahama beige (1) **STC1807SUC**

Pedal Rubbers

- Pedal rubber;
 accelerator
 up to 1991 (VIN HA) (1) **592840**
 1992 (VIN JA) onwards (1) **11H1781L**
- brake
 manual (1) **575818**
 automatic (1) **ANR2941**
 clutch (1) **575818**

Door Seals

- Door aperture seal;
 car set (4) black (Aftermarket) -
 great value! (1) **RD1142**
- front
 black (Aftermarket) - great value!
 rh or lh (2) **ALR1590-1B**
 sonar blue
 rh (1) **ALR1590JUL**
 lh (1) **AIR1591JUL**
 Bahama beige
 rh (1) **LR1590SUC**
 lh (1) **ALR1591SUC**
 dark granite
 rh (1) **ALR1590LOY**
 lh (1) **ALR1591LOY**
- rear
 black (Aftermarket) - great value!
 rh or lh (2) **MXC5570-1B**
 sonar blue
 rh (1) **MXC5570JUL**
 lh (1) **MXC5571JUL**
 Bahama beige
 rh (1) **MXC5570SUC**
 lh (1) **MXC5571SUC**
 dark granite
 rh (1) **MXC5570LOY**
 lh (1) **MXC5571LOY**
- Outer waist seal - door;
 front door
 up to 1994 (VIN LA)
 rh (1) **BTR8864**
 lh (1) **BTR8865**
 1995 (VIN MA) on
 rh (1) **BTR9256**
 lh (1) **BTR9255**
- rear door
 rh (1) **ASR2524**
 lh (1) **ASR2525**
- Inner waist seal - door;
 front
 up to VIN LAO60522 (1994) (2) **BTR8301**
 VIN LAO60523 on
 rh (1) **AWR5994**
 lh (1) **AWR5993**
- rear
 rh (1) **AWR5996**
 lh (1) **AWR5995**



6 or 7 Seat Conversion

Original equipment. Factory 6 or 7 seater, inward facing rear seat (cloth) conversion kits are a desirable and practical option. Crash test approved, the kits include folding seat, seat belt, trim panel and mountings. At the time of writing, the following kits are available. They will fit any model year, the change points are those when different styles of trim were introduced.

- Seat conversion kit
- beige
 'Equations' (March '94 to June '95)
 rh **STC8802SUD**
 lh **STC8801SUD**
- 'Gleneden' - bahama beige (June '95 on)
 rh **STC7579SUC**
 lh **STC7580SUC**
- 'Kestrel' - bahama beige (1998 model year)
 rh **STC7876SUC**
 lh **STC7877SUC**
- granite (grey)
 'Gleneden' (June '95 on)
 rh **STC7577LOY**
 lh **STC7578LOY**
- 'Kestrel' (1998 model year)
 rh **STC7874LOY**
 lh **STC7875LOY**



- REAR DOOR ARMREST**
STC8495
 Rear door armrest
 Grab handle for 6/7 seat passengers.
 Colours listed: bahama beige, sonar blue, granite (grey).



- REAR STEP KIT**
RTC9505AC
 Rear step kit (retractable)
 Original equipment. Enables easy access to loadspace area.



Body Styling Kit

Body styling kit **STC7662**
Genuine Land Rover bodykit for Series I Discovery, 1996 model year onwards.

Kit is supplied primed ready to paint, and comprises: Replacement front bumper/spoiler assembly, grille and fog lamp blanking plates. (Fog lamps available separately.) Rear bumper cover and corner finishers. Side and door mouldings, complete with integral wheel arch mouldings.

Please note: this kit is not compatible with nudge bars.

Body kit options;
Separately available options to complement the Discovery body styling kit.

sill finishers (side) **STC7774**
Not compatible with side runners.

roof spoiler - rear **STC7756**

fog lamps **STC7758**
Supplied as kit.



Rubbing Strip Kits - Original equipment

Rubbing strip kit;

3-dr vehicles

up to March 1994 (VIN LA) **STC8037**

March 1994 (VIN MA) on **STC8478**

Integrated wheelarch & side mouldings. Will also fit earlier vehicles.

5-dr vehicles

up to March 1994 (VIN LA) **STC8037**

March 1994 (VIN MA) on **STC7629**

Integrated wheelarch & side mouldings.



RUBBING STRIP KIT INCLUDING INTEGRATED WHEELARCH & SIDE MOULDINGS. STC8478

Rubbing Strip Kits - Aftermarket

Rubbing strip kit

Protects against car park damage.

3 door

RD1151

5 door

RD1152

Lower moulding kit (3 door)

RD1111

Fit to lower portion of wings & door. Protects against car park damage and stone chips.

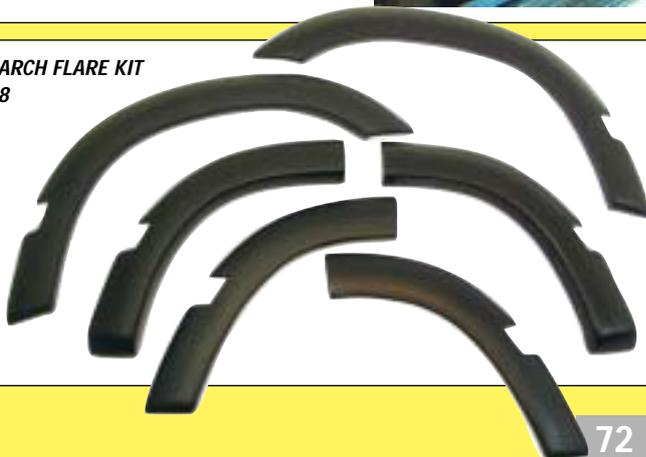


RUBBING STRIP KIT. RD1152



LOWER MOULDING KIT. RD1111

WHEEL ARCH FLARE KIT STC8498



Wheel Arch Flare Kits - Original equipment

Wheel arch flare kit;

3-door vehicles

up to March 1994 (VIN LA) **STC8140**

For fitment with rubbing strip kit STC8037

March 1994 (VIN MA) on **STC8497**

See also rubbing strip kit STC8478.

5-door vehicles

up to March 1994 (VIN LA) **STC8139**

March 1994 (VIN MA) on **STC8498**

See also rubbing strip kit STC7629 above.

Nudge Bars - Original equipment

Nudge bar;
Wrap-around type with removable lamp guards.
Suitable for vehicles with or without air bags.

- black coated **STC8454AA**
- stainless steel **STC8455AA**

Thumb screw (lamp slats) -
spare set **STC7573**

'A'-bar;
up to March 1994 (VIN LA) See aftermarket 'A' bars.
March 1994 (VIN MA) on
Suitable only for vehicles with air bags.

- black coated **STC7554**
- stainless steel **STC8457**

Number plate plinth - 'A'-bar **STC8836AA**
Included with 'A' bar assy. (March 1994 on).

Decal - 'DISCOVERY' - for nudge bar & 'A'-bar;
black **STC8499**
silver **STC8550**

'Soft' protection bars;
Suitable for all vehicles, including those with air bags.

- wrap-around nudge bar **STC8930AB**
- 'A'-bar **STC8931AB**



Nudge Bars - Aftermarket



'A' bar - stainless steel **RD1108**
Tubular construction including spot-light mounting plate.
Note: air bag vehicles, suitable for fitment to vehicles designed to accept 'A' bars, if in doubt check with your Land Rover dealer.



Nudge bar
Tubular construction, wrap-around type with fixed lamp guards, black coated.

pre-air bag vehicles (up to March 1994 VIN LA) **RD1106**
air bag vehicles (March 1994 VIN MA on) **RD1107**
Note: suitable for fitment to vehicles designed to accept nudge bars. If in doubt, please check with your Land Rover dealer.



'A' bar - black
Tubular construction including:- spot-light mounting plate. Black coated.

pre-air bag vehicles (up to March 1994 VIN LA) **RD1068**
air bag vehicles (March 1994 VIN MA on) **RD1109**
Note: suitable for fitment to vehicles designed to accept 'A' bars. If in doubt, please check with your Land Rover dealer.

Lamp Guards

Lamp guard kit;
Includes a pair of lamp guards and fittings.
Available as original equipment or aftermarket (P).

- front
- up to March 1994 (VIN LA) (pr) **STC8464**
 - March 1994 (VIN MA) on (pr) **STC8452**
- rear
- main lamps (pr) **RTC9503AA**
All models.
 - bumper-mounted lamps (pr) **STC8453**



FRONT LIGHT GUARDS (to March 1994) **STC8464**. AFTERMARKET SHOWN



FRONT LIGHT GUARDS (March 1994 on) **STC8452**. AFTERMARKET SHOWN



REAR LIGHT GUARDS (all models) **RTC9503AA**. AFTERMARKET SHOWN



BUMPER LIGHT GUARDS (all models) **STC8453**. AFTERMARKET SHOWN

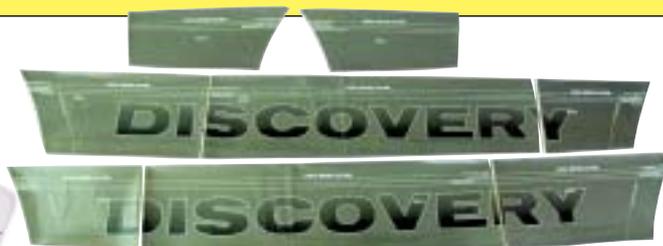
Headlamp Protectors

Perspex Headlamp Protectors (March '94 on) **STC8932AA**
Original equipment.



Graphic Protectors

Graphic Protectors Original equipment. Grey. All models **STC8482**
Graphics fix to lower portions of doors and wings with large 'Discovery' lettering. Will fit with rubber strips and wheel arch flares.





Mudflaps

Mudflap Kit
Includes a pair of mudflaps & fittings
Front
Rear

RTC6820
RTC6821

Side Steps

Side Runner Kit
Available as original equipment or aftermarket (P).
rubber finished (pr) RTC9507AB





Side Runner Kit
Aftermarket.
aluminium tread finish (pr) RTC9507ABPA

Side Runner Kit
Available as original equipment or aftermarket (P).
stainless steel (polished) (pr) STC8087AA
Tube design.



Dog Guards

Available as original equipment or aftermarket.

Dog guard;
mesh type (as shown) STC8414
bar type STC8413
bar type (models with rear A/C) STC7570

Roof Bars

Roof bars (pair) STC8057AB
Available as original equipment or aftermarket (P).




Bike Carriers

Bike carrier;
tow bar mounted STC8163P
Also available as original equipment.
spare wheel mounted RD1110
Aftermarket. Carries up to 3 bikes.
Includes number plate holder and hold down straps.

Roof Rack

Roof rack - full size (2 piece) STC8830AA
Available as original equipment or aftermarket (P).

Ladder - roof rack access
Original equipment.
STC50134




Luggage Top Box

Luggage top box (350 litres) STC50149AAP
Use with roof bars. Also available as original equipment.

Luggage Rack

Luggage rack
original equipment
aftermarket

RTC9539AB
STC50176AAP



Spare Wheel Covers



Spare wheel cover (vinyl) Original equipment.

205 x 16 tyre size
235 x 16 tyre size

STC8485
STC8486



Spare wheel cover (rigid plastic) Original equipment.

205 x 16 tyre size
235 x 16 tyre size

STC8940
STC8941



Spare wheel cover (polished stainless steel) Original equipment.

205 x 16 tyre size
235 x 16 tyre size

STC50137
STC50138



Spare wheel cover (plain black vinyl). Aftermarket.

205 x 16 tyre size
235 x 16 tyre size

RD1113-205
RD1113-235



Spare wheel cover (vinyl with 'Rimmer Bros' logo). Aftermarket.

205 x 16 tyre size
235 x 16 tyre size

RD1141-205
RD1141-235



Spare wheel cover (Discovery/Defender illustration). Aftermarket.

vinyl

205 x 16 tyre size
235 x 16 tyre size

RD1136-205
RD1136-235

rigid plastic

205 x 16 tyre size
235 x 16 tyre size

RD1114-205
RD1114-235



Spare wheel cover RD1143

Polished stainless steel outer.
Aftermarket. Supplied with either black or silver centre (plain). Small Land Rover badge (self adhesive) available separately. (BTR1047). Fits tyre sizes 205 x 16 and 235/70 x 16.

Road Wheels & Tyres

See pages 47-49.



Door Wind Deflectors

Door wind deflectors

Drive with the windows down without the buffeting!
Made from tough acrylic (light smoke) material.
Easily fitted.

1989 - March 1994 (200 series);

front (pair) RD1147F
rear (pair) RD1147R
set of 4 RD1147K

March 1994 - 1998 (300 series);

front (pair) RD1148F
rear (pair) RD1148R
set of 4 RD1148K



Suspension Packs

Refer to 'Suspension' pages 44-46 for details on various suspension packages, bush kits (including poly bush) etc.



Anti-roll bars

Anti-roll bars were factory fitted on certain models from 1992 and on all models from 1994.

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: the Aftermarket kits are not suitable as replacement for factory fitted items.

Anti-roll bar kits - individual (Aftermarket)

Bolt on kits. Suitable for vehicles not fitted with anti roll bars.

front
rear

RA1352
RA1353

REAR ANTI-ROLL BAR KIT (AFTERMARKET)



FRONT ANTI-ROLL BAR KIT (AFTERMARKET)



FRONT & REAR ANTI-ROLL BAR KIT (GENUINE)

Anti-roll bar kit - front & rear (genuine)

Note: brackets require welding to chassis.

Suitable for vehicles not fitted with anti-roll bars.

vehicles up to Feb 1993

STC8157

vehicles from March 1993 on STC8156AA

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

STC786UR

BILSTEIN

Aeroquip Brake Hose Kit

Aeroquip brake hose kits

Replace those rubber flexible hoses with these stainless steel braided hoses for firmer brake pedal pressure.

Non ABS vehicles

1989-1992 (to JA) (5 hoses)

RD1100

1993-1994 (KA to LA) (5 hoses)

RD1101

1995 on (MA on) (3 hoses)

RD1102

ABS vehicles 1994 on (all) (4 hoses)

RD1103

AEROQUIP HOSES
- CAR SET

Uprated Brake Kits

We have 3 kits available for uprating the brakes on Discovery, depending on the year of the vehicle and whether just the front or the front and 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 pads.

To complement our uprated brake kits, but also suitable for standard brakes, we stock stainless steel braided brake hoses, which improve brake line pressure and brake pedal feel.



KIT 1

Uprated Front Brake Kit

RA1357

Converts solid front discs to ventilated.

Includes brand new, ventilated 4-pot calipers, ventilated, uprated 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

Uprated Front Brake Kit

RA1358

Suitable for vehicles with existing ventilated front discs

Includes ventilated, uprated EBC turbo groove front discs (handed with curved grooves & dimples), and a set of EBC Kevlar (green stuff) pads (fast road).



KIT 3

Uprated Rear Brake Kit

RA1359

Suitable for all vehicles.

Includes solid, uprated 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 - uprated.

front (ventilated) - pair

RA1394

rear (solid) - pair

RA1395

EBC Kevlar (green stuff) pads - fast road.

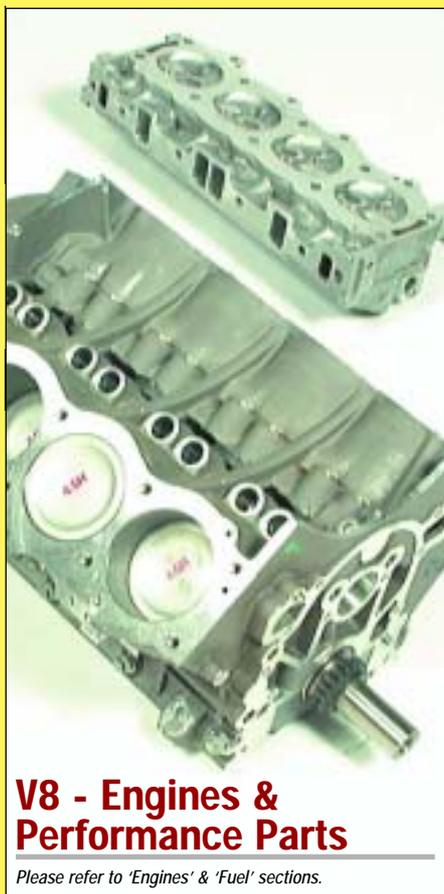
Pads will also fit standard discs but we recommend fitting with EBC turbo groove discs for maximum benefit. Note: front pads suitable only for ventilated discs.

front - set

RA1392

rear - set

RA1393



V8 - Engines & Performance Parts

Please refer to 'Engines' & 'Fuel' sections.

Steering Wheels



VINYL RIM WHEEL
WITH BLACK SPOKES

Steering wheel - vinyl rim (3 spoke, 14" diameter)
Suitable for all pre-air bag (to March '94) vehicles.
Aftermarket. Includes boss & fittings.

- with polished spokes
- with black spokes

RD1115P
RD1115B



LEATHER RIM WHEEL
WITH POLISHED SPOKES

Steering wheel - leather rim (3 spoke, 15" diameter)
Suitable for all pre-air bag (to March '94) vehicles.
Aftermarket. Includes boss & fittings.

- with polished spokes
- with black spokes

RD1116P
RD1116B

V8 - Oil Pump Cover/ Remote Take Off



Oil pump cover/remote take-off **R01105**
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.



V8 - Oil Pressure Gauge Kit

Oil pressure gauge kit **RX1351**
Aftermarket capillary type. Includes gauge & fittings.
Bracket - oil pressure gauge **RB7050**



HT Lead Set -V8

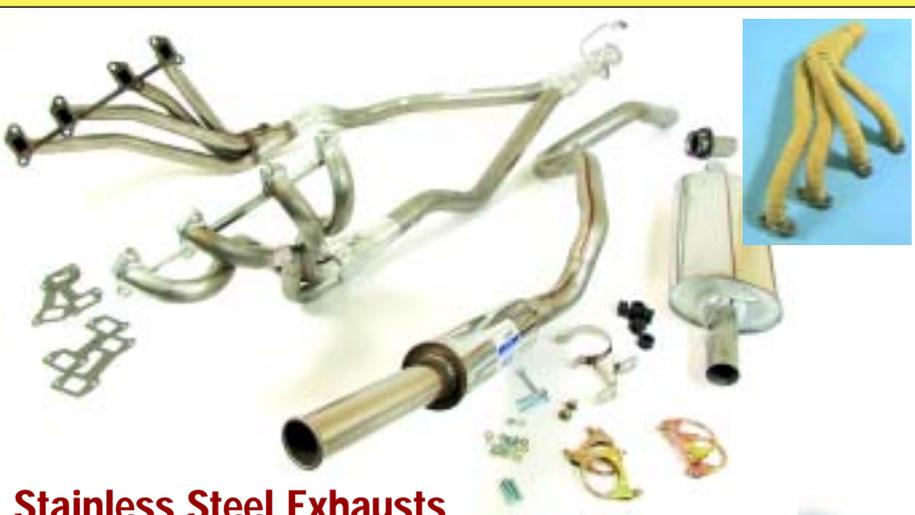
HT lead set - silicone **GHT182S**
V8 models



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.

Oil cooler kit (All models up to 1990) **RA1089**
Thermostat - oil cooler **RS1456**



Stainless Steel Exhausts

Refer to 'Exhaust' section (pages 31-34) for details on standard & sports exhaust systems in stainless steel. Plus, our tubular manifold insulating wrap, for extra efficiency.



V8 - 4 Barrel Carb Conversion Kits

Suitable for all engine sizes.

Complete conversion kits for all V8 Discoverys.

Kits include: 4 barrel carb, inlet manifold, chromed 14" air cleaner (can be substituted with K&N air cleaner at extra cost), thermostat housing and accelerator cable kit.

See also fuel pump section for details of our Facet type 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 29.



HOLLEY CARB KIT

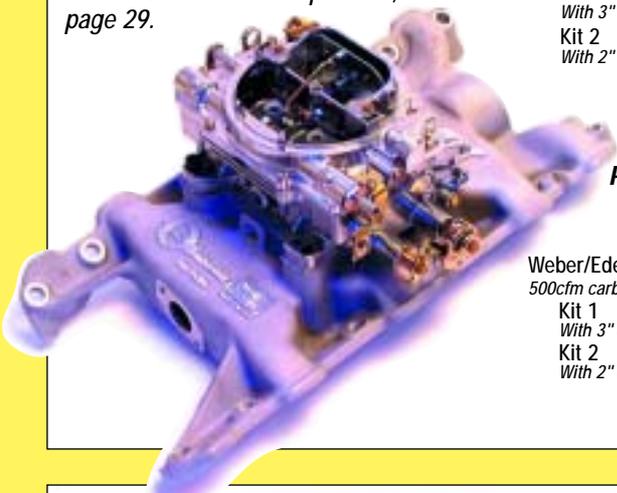
Holley/Offenhauser conversion;
390cfm carb with auto choke

- | | | |
|---|-----|---------|
| Kit 1
With 3" deep air cleaner. | (1) | RB7262 |
| Kit 2
With 2" deep air cleaner for extra bonnet clearance. | (1) | RB7262L |

WEBER- EDELBROCK PERFORMER CARB KIT

Weber/Edelbrock Performer conversion;
500cfm carb with manual choke

- | | | |
|---|-----|---------|
| Kit 1
With 3" deep air cleaner. | (1) | RA1323 |
| Kit 2
With 2" deep air cleaner for extra bonnet clearance. | (1) | RA1323L |



Kenlowe Fan

Kenlowe fan kit;

V8 (3.5 & 3.9)

without air con

with air con

diesel

RA1094

RA1095

RA1096



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

engine & interior pre-heater

RX1361

RX1362



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 Discoverys, 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)

SU. Filters clamp to air intake elbows.

efi vehicles (1 required)

RB7296

RA1060

Diesel engines

200Tdi

300Tdi

ESR1049K&N

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)

Sits low on carb for extra bonnet clearance.

N.B. for use with manual choke only.

flat type (assembly)

2 1/4" deep, fits either manual or automatic choke.

'X-stream' air flow (lid only)

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.

RA1397

RA1398

RA1399

Cleaning fluid (1 litre)

For cleaning K&N filter elements.

Element oil;

For re-oiling K&N elements.

RX1346

1 fl oz sachet

250ml bottle

400ml aerosol

RX1347

RX1348

RX1349



Air Conditioning Kit

Air conditioning kit

Original equipment. Complete in-dash air conditioning kits.

300Tdi (from March 1994)

rhd

lhd

STC8833AA

STC8832AA

Lamps - Fog & Driving

Front fog lamp kit STC7630
 Original equipment.
 Pair of fog lamps & mounting pods (mount onto spoiler).
 Suitable for 1996 model year on.
 Wiring kit STC8813 required for 1995 model year.

Front fog lamps only
 Original equipment. As above but less mounting pods
 (replacement lamps for 1996 (VIN TA) onwards).

rh AMR5618
 lh AMR5617



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).



Lamp steady bars (pair) STC8814

Air Horns - Stop Lamp - Rear Fog Lamp



Air horns (pair) RX1381
High level brake/stop light RX1298
Rear fog light/guard RB7092

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.

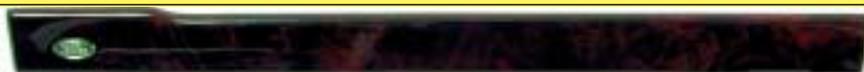
Battery Conditioner Kit RX1410
 Comes complete with all fittings, connector kit and operating instructions.

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
 Standard Battery charger



WOOD TRIM KIT STC7687



Interior Wood Trim Kits

Interior wood trim kit
 March '94 on (300 series). Original equipment.
 rhd (5 door)
 with non-passenger air bag
 & non heated seats
 with passenger air bag
 & heated seats (July '96 on)

STC7670

STC7687

Wood Veneer Look Kits

Enhance the dash of your Discovery with this 35 piece, self adhesive, veneer look kit. Highly polished (3D effect), 2.5mm material with smooth edges allowing quick & easy installation. UPV resistant, scratch and splinter proof.
 Fits all facelift (March 1994 on) vehicles (300 series).

Veneer kit - stick on RD1149
 March 1994 on.



Cubby Box

Cubby box - centre console
 Original equipment.

blue STC8088

beige STC8089



CUBBY BOX
 STC8088

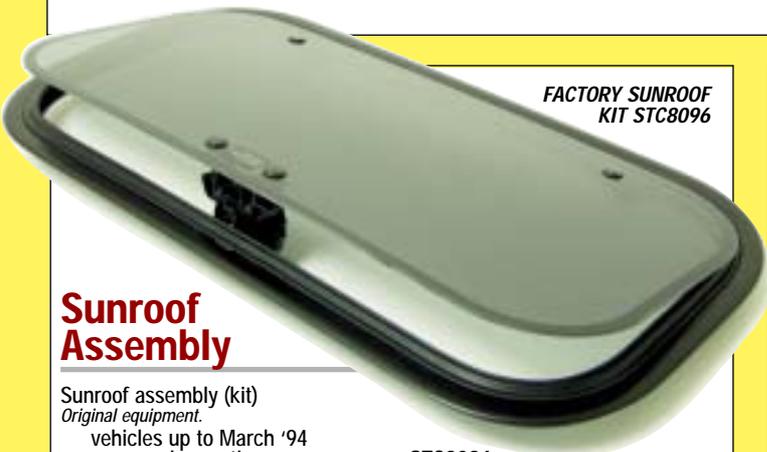
FACTORY SUNROOF
 KIT STC8096

Sunroof Assembly

Sunroof assembly (kit)
 Original equipment.

vehicles up to March '94
 manual operation (front & rear) STC8096

vehicles March '94 on
 manual operation (front & rear) STC8933
 electric operation (pair - front & rear) STC8834



SUNROOF
 ROLLER BLIND
 FRONT OR REAR.

Sunroof Roller Blind

Sunroof roller blind STC8158
 Original equipment. Suitable for front or rear (to March 1994).

6 or 7 Seat Conversion

Original equipment. Factory 6 or 7 seater, inward facing rear seat (cloth) conversion kits are a desirable and practical option. Crash test approved, the kits include folding seat, seat belt, trim panel and mountings. At the time of writing, the following kits are available. They will fit any model year, the change points are those when different styles of trim were introduced.

Seat conversion kit
 beige

'Equations' (March '94 to June '95)

rh STC8802SUD

lh STC8801SUD

'Gleneden' - bahama beige (June '95 on)

rh STC7579SUC

lh STC7580SUC

'Kestrel' - bahama beige (1998 model year)

rh STC7876SUC

lh STC7877SUC

granite (grey)

'Gleneden' (June '95 on)

rh STC7577LOY

lh STC7578LOY

'Kestrel' (1998 model year)

rh STC7874LOY

lh STC7875LOY



REAR DOOR ARMREST

REAR DOOR ARMREST

Rear door armrest STC8495
 Grab handle for 6/7 seat passengers.
 Colours listed: bahama beige, sonar blue, granite (grey).

REAR STEP KIT



REAR STEP KIT

Rear step kit (retractable) RTC9505AC
 Original equipment. Enables easy access to loadspace area.

Footwell Mats

Footwell over-mat set (3 & 5 door models)
Includes front & rear footwell overmats.
rubber car set (Original equipment) **STC8188**
velour/carpet car set **RD1072**
Top quality. Colours available: beige, grey, blue (dark) & black.
Available as aftermarket and original equipment (certain colours).



VELOUR OVER-MAT SET (ORIGINAL EQUIPMENT SHOWN)

RUBBER OVER-MAT SET (ORIGINAL EQUIPMENT)

Loadspace Mat

Rear loadspace over mat
rubber (original equipment)
all models without rear air/con **STC8465**
all models with rear air/con **STC7551**
rubber (Aftermarket) **RD1146**
Moulded loadspace mat with 4" high sides.
Can be rolled up when not in use.
velour/carpet
Top quality. Colours available: beige, grey, blue (dark) & black. Available as aftermarket only.
all models without rear air/con **RD1073**
all models with rear air/con **RD1073AC**



RUBBER (MOULDED) LOADSPACE MAT (4" SIDES)

RIGID PLASTIC LOADSPACE PROTECTOR

Loadspace Protector

Loadspace protector (original equipment) Ash grey;
rigid - moulded plastic
half length
all models without rear air/con **STC8185AA**
commercial models **STC7004**
full length (use with rear seats folded)
all models without rear air/con **STC7625**
stowable - full length
Use with rear seats folded
nylon **STC8109**



VELOUR LOADSPACE OVER MAT

RUBBER LOADSPACE OVER MAT (OE)

STOWABLE LOADSPACE PROTECTOR (NYLON) - FULL LENGTH

Rear Door - Interior Protector

Rear door interior protector
Original equipment. Ash grey.
for models with:-
door pockets **STC8145AA**
no door pockets **STC8422AA**
subwoofer/speaker **STC8146AA**
no rear door handle **STC8885AA**





Rigid Loadspace Parcel Shelf

Loadspace parcel shelf;
rigid **RD1135**
Aftermarket.
Available in beige, grey & blue.
Fits all models 1989 to 1998 (excluding 7 seat models).



- GREY
- GREEN
- BLACK
- ROYAL
- RED
- BEIGE

Waterproof Seat Covers

High quality, tailor-made & totally waterproof slip-on seat covers. Washable fabric.

Waterproof seat covers (aftermarket); Available in a choice of 6 colours.

- front seats (pair)
 - non ES models (no armrests) **RD1117**
 - ES models (with armrests) **RD1118**
- Leather seats.
- vehicle set
 - non ES models (no front armrests) **RD1064**
 - ES models (with front armrests) **RD1071**
- Leather seats.

Waterproof seat covers (original equipment); Not shown.

- front seats (pair)
 - grey
 - non electric seats **STC8171AC**
 - electric seats **STC8945AA**
 - beige
 - non electric seats **STC8175AC**
 - electric seats **STC8948AA**
- rear seats (pair) (with armrest)
 - grey **STC50012**
 - beige **STC50011**
- rear seats (6th & 7th) inward facing (pair)
 - grey **STC8173AA**
 - beige **STC8177AA**
- vehicle set (for 7 seats)
 - grey
 - non electric seats **STC8170AC**
 - electric seats **STC8944AA**
 - beige
 - non electric seats **STC8174AC**
 - electric seats **STC8947AA**



Roller Loadspace Cover

Roller type loadspace cover
Original equipment.
up to 1997 (to VIN VA730340 & VA731089)

- blue **RTC9561JUL**
- beige **STC7810SUC**
- grey **STC7810LOY**
- 1997 on (above VIN nos on)
 - beige **ERK100280SUC**
 - grey **ERK100280LOY**



Sound Proofing Kits

We have a comprehensive interior soundproofing kit available, which is extremely effective at reducing the noise levels of Discoverys - particularly Tdi models.

Soundproofing kit **RD1082**
Interior kit, suitable for all vehicles.



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 **NTC8239**
Underside protection bar which guards against knocks to the steering links.



Raised Air Intake Kit
(snorkel)

200TDi **RD1137**
300TDi **RD1074**
300TDi with ABS **RD1120**
V8 **RD1121**



Wading kit
These kits comprise of breather pipes for two axles,
gearbox & timing cover.

200TDi **RD1122**
300TDi **RD1123**



Rock guard
For protection of lower bodywork when off-roading
or from stone chips, fits in place of plastic sills and
bolts to chassis. Available in coated black nylon or galvanised
finish which can be painted to body colour if required.

black nylon **RD1124B**
galvanised **RD1124G**



COMPETITION TYPE HARNESS

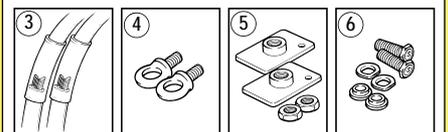
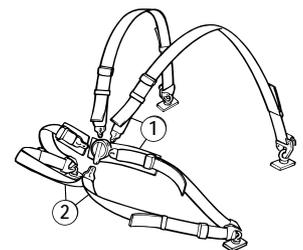
A popular alternative to standard seat belts - these really do look the part!

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 |



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 **RD1119**
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**
multi-height adjustable
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.

Headlamp levelling kit **STC8938AA**

Not shown. 3/94 on. As factory option when tow pack fitted

Flasher relay (for tow electrics) **YWT10002L**
Not shown.



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

Trailer board (4') (Including 4m cable) **RX1513**

VIDEO TRAVELLER



KIDS BORED? WANT TO WATCH VIDEOS OR PLAY GAMES ON THE MOVE?

Video Traveller is ideal for cars, vans, trucks, motor homes, caravans and boats. Comes complete with travel bag carry case, offering total portability - **simply plugs into a cigar lighter socket!**

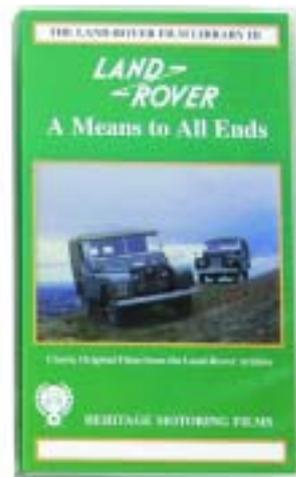
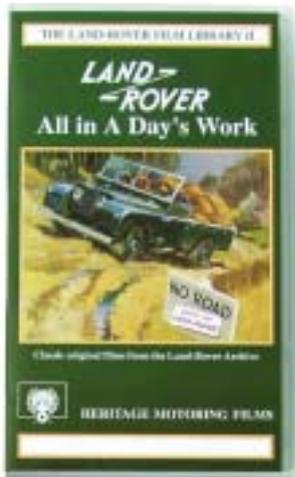
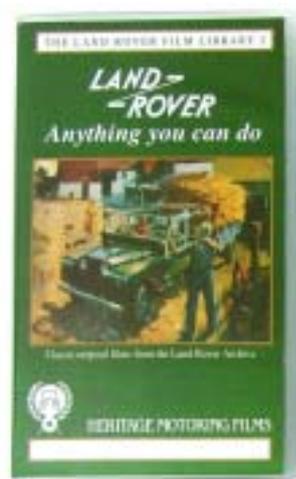
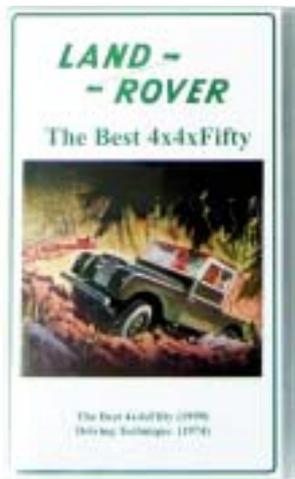
Also includes straps for suspending around car headrests. Simply position between front seats offering in-car entertainment for rear seat passengers!

Combined video player with 5" colour monitor

- Dual sound with twin speakers and twin headphone sockets. (Headphones not supplied).
- A/V input for games or camcorder
- Colour, brightness & contrast control with on screen display.
- Backlit controls
- Simply plugs into cigar lighter socket
- Mains adaptor also included.
- Dimensions: 250mm W x 122mm H x 285mm D.
- Suitable for VHS videos (not USA & certain countries).



**GREAT
VALUE!
RX1438**



Videos

We are pleased to offer a selection of VHS (PAL) videos from the 'Heritage Motoring Films' Library. Essentially, original films from the Land Rover archives edited and enhanced for you to enjoy at home!

'The best 4x4 x fifty' LL1006
50 minutes (approx). Originally made for Land Rover North America in 1999 to celebrate 50th Anniversary. Sir Ranulph Fiennes explores 50 years of Land Rover history including contributions by Spen King, Geoff Miller, Tom Barton & Roger Crathorne. From first models to the luxury series 2 Range Rover, this film portrays the history of Land Rover in a very personal fashion. Also includes driving techniques film.

'Anything you can do' LL1005
53 minutes from archives dating back to 1955, 1956, 1957 & 1958 including 'newsreel' type footage.

'All in a day's work' LL1003
56 minutes including 'newsreel' film from 1957/8, overland to Singapore (1956), special equipment (1964), unusual military prototypes (1967) and Rover Pacific review NZ (1955).

'A means to all ends' LL1004
61 minutes including promotional film for S3 (1973), South America tour (1959), 21st anniversary versatility demonstration (1969).

Also available from Haynes is this action packed overview of the modern and historic roles of Land Rover & Range Rover.

'Best of British - Land Rover' (60 minutes). RD1033

Workshop Manuals - Factory

Original factory type publications.

- Discovery workshop manual;
1989-1994 (VIN LA) **RD1019**
844 pages.
Over 1,000 illustrations.
Including 3.5 & 3.9 V8, 2.0MPi & 200TDi models.
- 1995-1998 (VIN MA on) **RD1020**
1058 pages. Over 1,000 illustrations.
Including 3.9 & 4.0 V8, 2.0MPi & 300TDi series 1 models.
- 1995-1998 (VIN MA on) **RD1021**
1,282 pages. Fully illustrated.
Including 3.9 & 4.0 V8, 2.0MPi & 300TDi series 1 models.
Also includes detailed 300TDi engine & transmission overhaul section.
- 1995-1998 (VIN MA on) **RD1022**
1110 pages. Fully illustrated.
Including 3.9 & 4.0 V8, 2.0MPi & 300TDi series 1 models.
Also includes V8 engine overhaul section including 3.5, 3.9, 4.0, 4.2 & 4.6.
- V8 engine official overhaul manual **RD1024**
152 pages. Covers 3.5, 3.9, 4.0 4.2 & 4.6 engine units (exc. carbs, starters & bolt on parts).
- 300TDi engine & transmission official overhaul manual **RD1023**
224 pages. Covers 300TDi, R380 gearbox & LT230T transfer box.

Discovery electrical troubleshooting manual **LRL0046ENG**
Factory publication covering electrical systems on the 300 series Discovery (April '94 - VIN MA onwards)

Parts Books - Factory

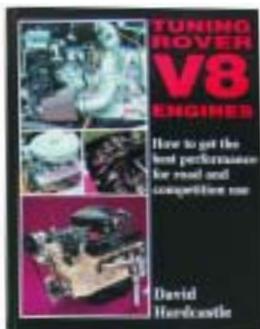
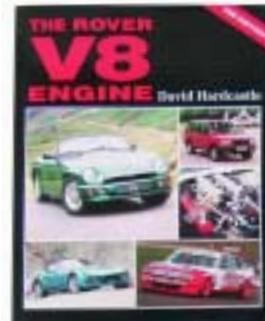
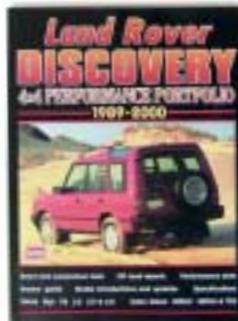
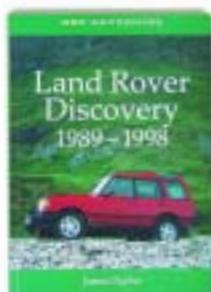
Original Land Rover factory publications.

- Discovery - all models (to '98) **RTC9947CF**
Published Dec 1998. 1,060 pages (approx). Covers all series 1 Discovery (1989 to 1998). Shrink wrapped. Binder available separately.
- Ring binder - suitable for parts book **RTC9946**



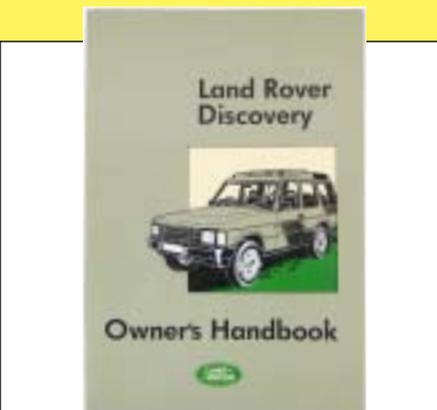
Haynes Manuals

- Workshop manual - Discovery (to '98) **RD1015**
411 pages. Covers all series 1 Discovery (1989 to 1998) including commercial. Note: 2.0MPi engine not covered.
- Restoration manual - Discovery **RD1016**
192 pages, 900 illustrations. By Dave Pollard.



Reference & Information Books

- Land Rover Discovery **RD1025**
128 pages. The story of the Discovery '89-'98. By James Taylor.
- Discovery performance portfolio **RD1018**
140 pages, over 250 illustrations. Road & off road tests, comparisons, design & development, specifications, data, buying guide. Covers all models 1989-2000 including series 2.
- The Rover V8 engine **RX1429**
208 pages. By David Hardcastle.
- Tuning Rover V8 engines **RX1430**
208 pages. By David Hardcastle.
- Driving techniques - Range Rover & Land Rover, 32 pages **RA1404**
Official booklet guide for off-roading.
- Winning in safety, 104 pages. **RA1405**
Complete guide to winning techniques.



Owner's Handbooks

Original factory type publications. Includes operating information on driving controls, instruments, care maintenance & general data. Certain publications also available in other languages - please enquire for price & availability.

- Discovery
- | | |
|-------------------------------|------------------|
| 1989-90 (inc 3.5 V8 & 200TDi) | RD1017-90 |
| 256 pages. | |
| 1991 model year (all models) | RD1017-91 |
| 1992 model year (all models) | RD1017-92 |
| 1993 model year (all models) | RD1017-93 |
| 1994 model year (all models) | RD1017-94 |
| 1995 model year (all models) | RD1017-95 |
| 1996 model year (all models) | RD1017-96 |
| 1997 model year (all models) | RD1017-97 |
| 1998 model year (all models) | RD1017-98 |



Personal Organiser

- Land Rover personal organiser
Superb value! 14 x 20cm (6 rings) in dark burgandy with Land Rover badge.
- binder only **STC50440**
- binder & diary insert **STC50440K**



Tools

Hydraulic jack	ANR4489
Handle for jack	NTC6856
Wheel brace	NTC7829
Wheel chock (each)	ANR4960
Tyre pump	523638A



Valve spring compressor (OHV)	RX1226OHV
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
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Lubricants & Fluids

Engine oil - V8;		Gear oil;	
Unipart 20W50	GGL104	Unipart	
4.55 litre (1 gallon)		EP90 - 0.5 litre	GGL190
Castrol Classic XL (20W50)	RX1363	ATF - 0.5 litre	GGL175
4.55 litre (1gallon).		ATF - 5 litre	GGL505
Duckhams Q (20W50)	HMP190100	Swivel grease (sachet)	STC3435
4.55 litre (1 gallon).		1 sachet per swivel housing. Use instead of EP90.	
Duckhams Q Storage Oil	HMP190104	Once only application.	
4.55 litre (1 gallon)		Antifreeze;	
Castrol Running-in Oil	RX1417	It is recommended that a minimum 50% antifreeze mix is	
4.55 litre (1 gallon)		maintained all year round on aluminium engines, to inhibit	
For use in new or reconditioned engines		corrosion.	
during running-in.		Unipart - 1 litre	GAC2018
Engine Oil - Diesel		Unipart - 5 litre	GAC2019
Unipart 15W40 (5 litres)	GGL658	Brake/clutch fluid;	
		Unipart Dot 3 - 1 litre	GBF103
		Silicone - 0.5 litre	RX1327
		Silicone -1 litre	RX1326



Workshop Consumables

Grease;		WD40 (large, 400ml)	GAC111
lithium grease - 0.5 litre tube	GGL111	Radweld (Holts, 250ml)	RX1508
rubber grease (red)	514578	Silicone Sealant (80ml tube)	GHF6093
For brake assemblies (2oz tube).		Hylomar (gasket sealant) 25g	GGC103
swivel grease	STC3435	Exhaust jointing compound	GCH112
For use instead of EP90 in swivel housings.		Copper grease (tube)	RX1345
Once-only application - no need to top-up (highly		Brake cleaner (aerosol)	GBF901
recommended). 1 required for each housing.		Loctite thread lock	GAC100
Cam Lube	RX1358	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 **RX1032**

Includes: RX1028, RX1030, RX1031.

Waxoyl:

- 5 Litre can **RX1027**
- 2.5 Litre can **RX1029**
- 2.5 Litre cartridge **RX1028**
- Trigger spray gun **RX1033**
- High pressure spray gun **RX1030**
- Use with 2.5 litre cartridge.
- Extension probe **RX1031**
- Use with high pressure spray gun.
- Aerosol (400ml) **RX1026**
- Aerosol (200ml) **RX1025**
- Underbody seal:
- 1 litre **RX1024**
- 500ml **RX1023**



AUTOGLYM CAR CARE PRODUCTS

Autoglym car care pack **RX1510**

Includes 1 of each item listed below.

- 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**



Roadside Equipment



- Snow chains (axle set) **RTC9589**
- 205 x 16 tyre **STC8518**
- 235 x 16 tyre

- Leather care cream (300ml) **RX1320**
- Cleans and preserves.
- 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) **RX1325**
- Engine Degreaser.
- The following items are not included in the 'Car Care Pack':
- Instant Tyre dressing **RX1368**
- Intensive Tar remover **RX1367**
- GENERAL CAR CARE PRODUCTS**
- Sponge **RX1415**
- Wash leather **RX1416**

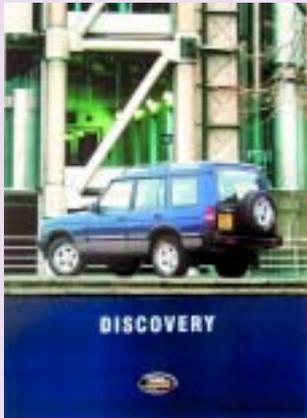
'CONCOURS' SPECIALIST WHEEL CLEANER

The 'Concours' specialist wheel cleaning system will help you care for your Classic's wheels.

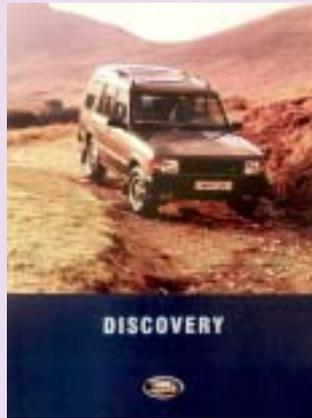
Suitable for all Steel, Alloy and Wire wheels (including painted & chromed), 'Concours' wheel cleaning system uses a unique 2-stage process that not only cleans, but gives wheels a superb lasting finish that helps to protect them, making them easier to care for and clean in the future.

'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.



RD1126



RD1127



RD1128



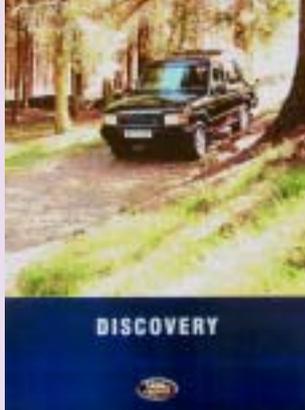
RD1129



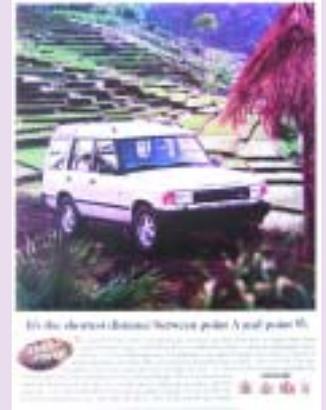
RD1130



RD1131



RD1132



RD1133

ADVERTISING PRINTS

Advertising prints (ex publicity);

- Discovery by bridge
- Moorland scene
- Elephant confrontation (series 2)
- Mountainous scene
- Jungle scene
- Desert scene
- Woodland/forest scene
- Stepped paddyfields
- Mud covered Discovery

- RD1126
- RD1127
- RD1128
- RD1129
- RD1130
- RD1131
- RD1132
- RD1133
- RD1134



RD1134



Miscellaneous

Land Rover personal organiser
Superb value! 14 x 20cm (6 rings) in dark burgandy with Land Rover badge.

- binder only **STC50440**
- binder & diary insert **STC50440K**
- 'Rimmer Bros' baseball cap **RX1425**
- Rimmer Bros decal (black/silver) **RA1055**
- Key fob - 'Discovery' **RD1125**

Number plate (acrylic);
Also available with country logo 'GB'.

- front (oblong)
 - standard
 - 3D effect
- rear (square)
 - standard
 - 3D effect
- Fitting kit - number plates
Universal fitting kit including 4 screws, plastic caps & 8 adhesive pads (double sided).



NPF
NPF3D

NPRS
NPRS3D
NPK

Tax disc holder
Union Jack badge (enamel)
Rimmer Bros vouchers;

- £5
- £10
- £20
- £50

RX1355
RX1299

RX1337
RX1338
RX1339
RX1341

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)	
silver paint (450ml aerosol)	RX1265
clear lacquer (400ml aerosol)	RX1261
Wheels (silver) (factory colours)	
silversparkle paint (touch-up)	STC8927
quicksilver paint (touch-up)	STC7552
clear lacquer	RTC9481
touch-up or aerosol	
Black aerosol (general)	
gloss (400ml)	RX4070A
matt (16oz)	RX1266

Aerosol Paints & Touch-in Crayons

Add the suffix T or A to the appropriate part number:
 eg. STC3686T = Touch-in Crayon
 STC3686A = Aerosol

Body Colour	Paint Type	Paint Code	Part No.
AA yellow	solid	LRC584	STC1827
Aegean blue	micatallic	LRC490	STC301
Alpine white	solid	LRC456	RTC6870
Altai silver	metallic	LRC567	STC1053
Appalachian green	solid	LRC638	STC3916
Ardennes green	micatallic	LRC413	RTC6634
Arken grey	micatallic	LRC445	RTC6454
Arran beige	solid	LRC433	RTC5980
Aspen silver	metallic	LRC458	RTC6810
Atlantis blue	micatallic	LRC632	STC3915
Avalon blue	micatallic	LRC575	STC1448
Beluga black	solid	LRC416	RTC5979
Biarritz blue	micatallic	LRC965	STC1773
British racing green	metallic	LRC617	STC1351
Cairngorm brown	micatallic	LRC408	RTC5982
Caledonian blue	solid	LRC507	STC3822
Caprice turquoise	micatallic	LRC533	STC1451
Carmen pearl	micatallic	LRC843	STC1350
Charleston green	metallic	LRC610	STC3174
Chawton white	solid	LRC603	STC3828
Cobar blue	metallic	LRC624	STC3825
Coniston green	solid	LRC637	STC3824
Davas white	solid	LRC354	RTC4058
Eastnor green	solid	LRC419	RTC5981
Epsom green	micatallic	LRC961	STC1774
Ionian blue	metallic	LRC484	STC303
Marseilles blue	metallic	LRC415	RTC6400
Mistrale light blue	metallic	LRC421	RTC6402
Montpellier red	micatallic	LRC536	STC1349
Monza red	solid	LRC590	STC2862
Niagra grey	metallic	LRC574	STC1449
Oxford blue	micatallic	LRC602	STC2864
Pennine grey	solid	LRC476	RTC6869
Plymouth blue	micatallic	LRC434	RTC6415
Portofino red	solid	LRC390	RTC5728
Rioja red	micatallic	LRC601	STC2828
Riviera blue	metallic	LRC588	STC2863
Roman bronze	metallic	LRC479	STC9
Rutland red	solid	LRC607	STC3823
Sandglow	solid	LRC361	STC1489
Trocadero red	micatallic	LRC467	RTC5983
White gold	micatallic	LRC618	STC3251
Willow green	metallic	LRC970	STC1447
Windjammer blue	solid	LRC424	RTC6401
Woodcote green	micatallic	LRC623	STC3827
Zanzibar silver	metallic	LRC391	RTC5729



GENERAL FASTENERS

GENERAL FASTENERS



BOLTS (Imperial)

Bolts have a NON Threaded Shoulder.

The threaded length can be calculated by multiplying the diameter by 2 and adding 1/4".

Thread Diameter	Bolt Length	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
1/4"	1.5"	UNF	—	GHF102	7/16 AF
1/4"	2"	UNF	—	GHF118	7/16 AF
5/16"	1.5"	UNF	—	GHF104	1/2" AF
5/16"	2"	UNF	—	GHF121	1/2" AF
3/8"	1.5"	UNF	—	GHF106	9/16" AF
3/8"	3"	UNF	—	GHF126	9/16" AF
1/2"	2"	UNF	—	BH608161	3/4" AF
1/2"	2.5"	UNF	—	BH608201	3/4" AF
1/2"	3"	UNF	—	BH608241	3/4" AF
5/8"	3"	UNF	—	GHF113	15/16" AF
5/8"	4"	UNF	—	BH610321	15/16" AF

BOLTS (Metric)

Bolts have a NON Threaded Shoulder.

The threaded length can be calculated by multiplying the diameter by 2 and adding 6mm.

Thread Diameter	Bolt Length	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
M 6	40mm	Metric Fine	1.0	GHF132	10mm
M 8	40mm	Metric Fine	1.25	GHF134	13mm
M 10	40mm	Metric Fine	1.5	GHF136	17mm
M 12	50mm	Metric Fine	1.75	BH112101	19mm
M 12	60mm	Metric Fine	1.75	BH112121	19mm
M 12	80mm	Metric Fine	1.75	BH112161	19mm
M 16	60mm	Metric Fine	2.0	BH116121	21mm
M 16	80mm	Metric Fine	2.0	BH116161A	21mm

SETSCREWS (Imperial)

Set screws are Fully Threaded.

Thread Diameter	Bolt Length	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
1/4"	3/4"	UNF	—	GHF117	7/16" AF
1/4"	1"	UNF	—	GHF101	7/16" AF
5/16"	3/4"	UNF	—	GHF120	1/2" AF
5/16"	1"	UNF	—	GHF103	1/2" AF
3/8"	1"	UNF	—	GHF105	9/16" AF
7/16"	1.5"	UNF	—	GHF107	5/8" AF
1/2"	1.5"	UNF	—	GHF109	3/4" AF
1/4"	1"	UNC	—	GHF161	7/16" AF
1/4"	1.5"	UNC	—	SH504121	7/16" AF
5/16"	1"	UNC	—	GHF163	1/2" AF
5/16"	1.5"	UNC	—	GHF164	1/2" AF
3/8"	1"	UNC	—	GHF165	9/16" AF
3/8"	1.5"	UNC	—	GHF166	9/16" AF

SETSCREWS (Metric)

Set screws are Fully Threaded.

Thread Diameter	Bolt Length	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
M 6	25 mm	Metric Fine	1.0	GHF131	10mm
M 8	25 mm	Metric Fine	1.25	GHF133	13 mm
M 10	25 mm	Metric Fine	1.5	GHF135	17mm

STEEL NUTS (Plain NON Locking - Imperial)

Thread Diameter	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
3/16"	UNF	—	NH2005	3/8" AF
1/4"	UNF	—	GHF200	7/16" AF
5/16"	UNF	—	GHF201	1/2" AF
3/8"	UNF	—	GHF202	9/16" AF
7/16"	UNF	—	GHF203	5/8" AF
1/2"	UNF	—	GHF204	3/4" AF
1/4"	UNC	—	GHF207	7/16" AF
5/16"	UNC	—	GHF208	1/2" AF
3/8"	UNC	—	GHF209	9/16" AF

STEEL NUTS (Plain NON Locking - Metric)

Thread Diameter	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
M 4	Metric Fine	0.7	NH104041	7mm
M 6	Metric Fine	1.0	GHF212	10mm
M 8	Metric Fine	1.25	GHF213	13mm
M 10	Metric Fine	1.5	GHF214	17mm
M 12	Metric Fine	1.75	GHF215	19mm

STEEL NUTS (Nylon Insert Self Locking - Imperial)

Thread Diameter	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
3/16"	UNF	—	GHF220	5/16" AF
1/4"	UNF	—	GHF221	7/16" AF
5/16"	UNF	—	GHF222	1/2" AF
3/8"	UNF	—	GHF223	9/16" AF
7/16"	UNF	—	GHF224	5/8" AF
1/2"	UNF	—	GHF225	3/4" AF
5/8"	UNF	—	138563	15/16" AF

STEEL NUTS (Nylon Insert Self Locking - Metric)

Thread Diameter	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
M 6	Metric Fine	1.0	NY106041	10mm
M 8	Metric Fine	1.25	GHF232	13mm
M 10	Metric Fine	1.5	GHF233	17 mm
M 12	Metric Fine	1.75	NY112041	19mm

BRASS NUTS (Standard & Deep Section - Imperial)

Thread Diameter	Thread Type	Thread Pitch	PART NUMBER	Spanner Size
5/16" Std	UNF	—	515369	1/2" AF
3/8" Std	UNF	—	GHF262	9/16" AF
3/8" Deep	UNF	—	AEC350	9/16" AF

WASHERS (Imperial)

Internal Diameter	Plain Standard Diameter PART NUMBER	Repair Large Diameter PART NUMBER	Spring Standard Diameter PART NUMBER	Shakeproof Standard Diameter PART NUMBER
3/16"	WP20	—	—	—
1/4"	GHF300	GHF314	GHF331	GHF321
5/16"	GHF301	GHF315	GHF332	GHF322
3/8"	GHF302	GHF316	GHF333	GHF323
7/16"	WC600071	—	GHF334	GHF324
1/2"	WA112081	—	GHF335	GHF325
5/8"	PWZ110	—	LWZ310	LWZ410

WASHERS (Metric)

Internal Diameter	*Plain Standard Diameter PART NUMBER	*Repair Large Diameter PART NUMBER	Spring Standard Diameter PART NUMBER	Shakeproof Standard Diameter PART NUMBER
M 6	GHF300	GHF314	WL106001	GHF371
M 8	GHF301	GHF315	GHF382	WF108001
M 10	GHF302	GHF316	GHF383	WF110001
M 12	GHF304	—	WL112001	WF112001
M 16	PWZ110	—	WL116001	WF116001

*Please Note: Some plain and repair washers are suitable for imperial and metric applications eg: GHF300 = 1/4" ID or 6mm ID.

SELF TAPPING SCREWS

Countersunk - PoziDrive

Screw Size No	Screw Length	PART NUMBER
6	1/2"	GHF400
6	3/4"	GHF401
8	1/2"	GHF402
8	3/4"	GHF403
10	1/2"	GHF404
10	3/4"	GHF405
12	1/2"	AC612041A
12	1"	AC612081
14	3/4"	AC614061
14	1"	AC614081

SPLIT PINS (Imperial)

Pin Thickness	Pin Length	PART NUMBER
1/16"	1.5"	GHF500
5/64"	1.5"	GHF501
3/32"	1.5"	PC34
7/64"	1.5"	GHF503
1/8"	2.25"	PC15
9/64"	2.25"	GHF505
5/32"	2.25"	GHF506
11/64"	2.25"	GHF512
3/16"	3"	GHF513
7/32"	3"	PS614240
1/4"	3"	PS616240

SELF TAPPING SCREWS

Pan Head - PoziDrive

Screw Size No	Screw Length	PART NUMBER
6	1/2"	GHF421
6	3/4"	GHF422
8	1/2"	YZ3404
8	3/4"	GHF424
10	1/2"	GHF425
10	3/4"	YZ5505
12	1/2"	GHF427
12	3/4"	GHF428
12	1"	GHF429
14	3/4"	GHF430
14	1"	GHF431

SPLIT PINS (Metric)

Pin Thickness	Pin Length	PART NUMBER
2.0mm	40mm	PS104400
2.5mm	40mm	GHF509
3.2mm	56mm	GHF510
4.0mm	56mm	GHF511

CABLE TIES

DIAMETER	PART NUMBER
3 1/2"	GHF1265
5 1/4"	GHF1266
6"	RTC222A
8 3/4"	GHF1267
11"	GHF1268

POP RIVETS

Open End Type

Size	PART NUMBER
2.9mm x 5mm	RA607096
1/8" x 3/16"	RA608126
1/8" x 1/4"	RA608176
1/8" x 5/16"	RA608236
1/8" x 3/8"	RA608253

HOSE CLAMPS

Stainless Steel (Metric)

To suit Diameter	PART NUMBER
8-12mm	GHC10408
12-18mm	GHC10410
8-16mm	GHC10411
12-20mm	GHC10412
16-25mm	GHC10413
20-32mm	GHC10414
25-40mm	GHC10415
32-50mm	GHC10416
46-60mm	GHC10417
50-70mm	GHC10418
60-70mm	GHC10419
70-90mm	GHC10420
80-100mm	GHC10421

POP RIVETS

Closed End Type

Size	PART NUMBER
1/8" X 3/8"	RU608123
1/8" x 1/2"	RU608313
3/16" x 5/16"	RU612123

A

AA membership pack	88
ABS components	52
Accelerator cable	10
Actuator, headlamp levelling	56
Aerial, radio	60
Aeroquip brake hoses	52
Aerosol paints	90
A-frame	43
Air conditioning	27
Air filter	8, 29
Air helper springs	84
Air horns	79
Airflow meter	28
Alignment tool, clutch	87
Alloy wheels	47
Alpine windows	66
Alternator	55
Amplifier, distributor	55
Antifreeze	26
Anti-roll bar	46
ATF oil	36
Autoglym products	88
Automatic gearbox	36
Auxiliary air valve	28
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Brake cleaner	52
Brake discs	51
Brake fluid	52
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Brake pads	51
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Clutch damper – Tdi	24
Clutch fluid	24
Clutch hose	24
Clutch kit	24
Clutch master cylinder	24
Clutch pivot pin	24
Clutch release fork	24
Clutch slave cylinder	24
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Cool It Thermotec	32
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Coolant hoses	26
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Crankshaft, V8	16
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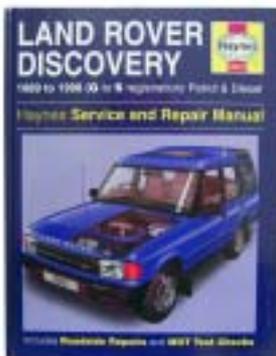


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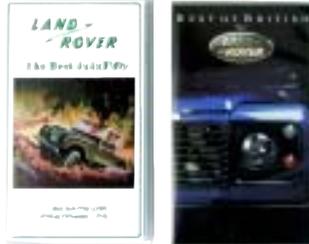


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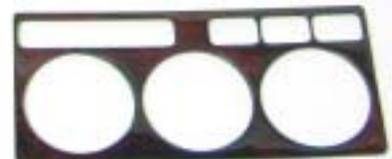
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The conception of the club took place at the Town and Country Festival, NAC Stoneleigh in August 1999. The occasion was the celebration of 10 years since the launch of the Discovery. A group of enthusiasts, supported by Dunsfold Land Rover Trust, LRO, LRM, Heritage Motor Centre Gaydon and Land Rover, assembled a selection of vehicles ranging from the 3 known surviving prototypes, through the press fleet vehicles, 300 series and the then new Series 2, including cut away and Camel Trophy variants.

Eight months later, in north Lancashire, the founding members officially held the first meeting of the organising committee. The club is known as DOC as much as by its full title of Discovery Owners Club. The club is now a member of the ARC (Association of Rover Clubs) and is affiliated to GLASS (The Green Lanes Association).

The club aims to cater for all tastes and type of owner, who find that the Discovery is just what they need. We have heavily modified off-roaders, family cars, (with or without caravan!) right through to lots of the newer series 2 vehicles. The club aims to provide a community within which enjoyment of the vehicle can be enhanced and often made cheaper.

There are different levels of interaction starting with Discourse, the full colour newsletter published four times per annum, DOCnotes and DOCstuff which are interim fact-sheets to keep people up to date with events and for sale/wanted and the discussion forum, which is on line and instant (like being in a pub with 2-300 other Discovery owners).

The club attends most of the mainstream Land Rover events throughout the year to act as focal point and social centre for members as well running a couple of national events of its own each year. But the real power is in the local sections, which have regular meetings and organise local events in their own areas.

The best way to find out more is to log on to the web site at:-

www.discoveryownersclub.com

NOTES

ACKNOWLEDGEMENTS

Rimmer Bros would like to thank the members of the Discovery Owners Club who kindly volunteered their vehicles for location photography in this catalogue and British Motor Industry Heritage Trust (BMIHT) at Gaydon for allowing us to reproduce photographs from their vast libraries. Thanks also to Kevin Hall for the loan of his 300Tdi for various location photographs around Bracebridge Heath and Duckworths Land Rover for use of their vehicles around Market Rasen.

We also gratefully acknowledge our suppliers for allowing us to use certain photographs in these pages.

Finally, special thanks to James Taylor, Editor of Land Rover Enthusiast magazine and renowned Land Rover historian, who wrote the introduction to our Discovery catalogue.

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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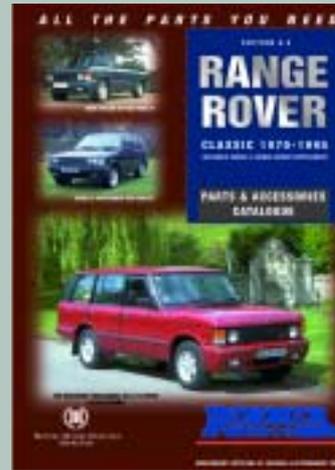
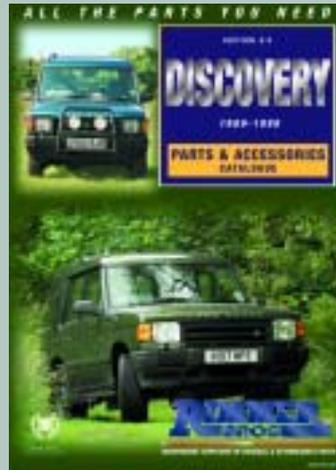
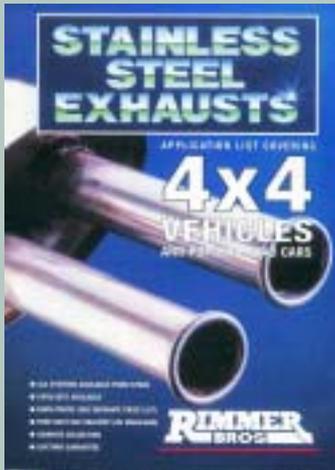
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