

# Range Rover





# Reflects Quality...

You can, quite simply, go anywhere in a Range Rover.

Within elegant sculpted lines that merited inclusion in a Modern Art Forms Exhibition at the Louvre in Paris, the Range Rover embodies performance characteristics of such verve and versatility as to put it in a class by itself.

Its spacious new four-door styling and luxurious level of appointments undoubtedly place it in the category of a luxury saloon.

Yet at the same time it offers exceptional off-road handling thus creating a truly unique vehicle by any standards.

It also offers outstanding load-carrying capacity, permanent four-wheel drive, and with the power of its 3500cc engine really exhilarating performance and acceleration.

This unique combination of qualities, unmatched by any other vehicle available, has given the Range Rover an appeal that is fully worldwide.

In jungle or desert, tundra, town or country, at work or play, the Range Rover is internationally acknowledged as reigning supreme.

and international appeal









For all its refinements, the Range Rover is anything but fragile. It's as tough as they come and packed with practical advantages. Its front seats give a commanding view over town traffic or cross-country manoeuvres, and are orthopaedically designed to combine superb armchair comfort with anatomically correct posture. Its broad rear seat, making the Range Rover a high and wide full five-seater, can be folded down to open up a massive luggage compartment.

And its tailgate, unlike that of conventional hatchbacks, is split into two sections; the lower part of which folds flat for ease of loading. Solid steel framed and of full load-bearing strength, the tailgate lies level with the floor inside and can be used to extend the already amazing length of load area. Since it's purpose-built for towing, the Range Rover also allows even larger loads to be transported with ease. Its unique combination of suspension and transmission systems enables either light or heavy loads to be towed over any type of terrain.

The ride-level unit in its rear suspension maintains the towing hitch at the right height under all load conditions. The Range Rover's transfer gearbox allows the selection of either high or low gear ratios, effectively giving the Range Rover eight forward and two reverse gears. This covers every requirement from high speed cruising to rugged rural rides. So whether you're simply shopping, inspecting the estate, or setting out fully laden and equipped for an adventure trek, you'll find the Range Rover able to take it all in its stride.



## Practicality with more than a touch of style





The Range Rover's looks are not simply aesthetically pleasing, but also thoroughly practical. So, while drawing admiring glances around town, the lines of the Range Rover also assist smooth passage through the thickest scrub or brush.

Smart as it undoubtedly is, the satin-black polyester finish of the grille and bumpers isn't just there for show; it provides a high degree of resistance to scratching. The lower front panel combines style with practicality too; since it's literally in the front line when it comes to taking the knocks of off-road operations, it's made of resilient high density polythene that will bounce back and retain its shape.

The Range Rover's body panels also ensure good looks that will last. While the body frame is solid steel for strength, most body panels are made of an aluminium alloy originally developed for the aerospace industry, which gives a light corrosion proof body shell.

As well as being light, tough and inherently corrosion-resistant in any climate, these body panels are also individually fastened to the body frame, making them readily replaceable in the event of accident damage.

You'll also find the interior of the Range Rover designed for comfort whatever the weather or climatic conditions. Its heating and ventilating system can cope with virtually any extreme of cold or heat, and it includes three adjustable face-level vents to keep driver and passengers alert and refreshed, and a recirculation mode may be selected if outside air is heavily polluted.

In addition, a superb fully integrated air conditioning system, where fitted, provides the ultimate in environmental control.

## Style-wherever you are...







## ...and confidence whatever you do

It says much for the qualities of the Range Rover that it was the transportation choice of the Trans-Americas Expedition, the first ever to cross overland from Alaska in the far north to the southernmost tip of Argentina.

Traversing from Arctic tundra to tropical rain forest, and across desert, rivers and mountain ranges, including the notorious Darien Gap, its permanent four-wheel drive was an absolute necessity. So, too, was its ability to climb exceptionally steep gradients with ease.

Furthermore, the Range Rover is exceptionally stable. Within its light aluminium body, the low mounting of such items as the solid steel chassis, axles, gearbox and engine, ensures its low centre of gravity.

The height of the Range Rover is a great advantage when fording rivers and, in addition, all electrical components are placed at the very top of the engine to avoid the ignition system becoming swamped. As well as offering superb traction at all times, the Range Rover's

four-wheel drive aids road safety by maximising grip and controllability in slippery conditions. Under exceptionally difficult circumstances, traction is ensured through operation of the Range Rover's differential lock, which means that even if traction is lost at one axle the other can still drive.

At rest, you can rely on the Range Rover's handbrake to hold it on the steepest incline, since it has no cables which could become fouled or stretched, but operates instead directly on the transmission system itself, and thus on all four wheels.







There was a time when four-wheel drive vehicles only went with Wellington boots. They were fine for farming or carrying spectators and equipment to outdoor sporting events, but a little too rough and ready for really being in town. The Range Rover, however, has changed all that. It's at home in the most sophisticated settings, adapting as easily to evening dress as its conventional uses. Indeed it's used by Royalty and Heads of State throughout the World.





The height of the Range Rover makes stepping into it an altogether more elegant operation than is the case with many other luxury saloons.

And, in its four-door version, the Range Rover more than matches most other luxury models for space and access.

Even carrying a full complement of five, each person enjoys ample room in the airy passenger compartment. And the interior is sumptuously comfortable.

Deep pile carpet extends from door to door, and velvet upholstered seats offer a warm welcome in winter while remaining cool and crisp in summer.

The front seat design also incorporates mountings for inertia-reel safety belts which, in addition to remaining clean, are also maintained at the optimum location for the wearer regardless of the seat position.

Passenger comfort is ensured by rubber isolation of the Range

Rover's body from its chassis, minimising the transmission of noise and vibration. The strength of its beam axles, which offer outstanding ground clearance, is complemented by the Range Rover's long-travel suspension which effectively insulates against shocks over the roughest terrain.

Safety is also ensured by the Range Rover's large servo-assisted disc brakes on all four wheels. The brakes are actuated by two independent hydraulic systems so that, if the primary system should fail a secondary circuit automatically comes into operation. For the driver, ease of operation is provided by the Range Rover's

progressive yet sensitive power-assisted steering. In addition, both driver and passengers remain secure in the knowledge that the luxurious interior of the Range Rover's passenger compartment is surrounded by a complete steel safety cage.

## Accessible Luxury





# Take a detailed look

As might be expected the thoroughness of design in such a unique vehicle extends even to details like the ticket pocket and vanity mirror on the sun visors and removable carpets over rubber mats to facilitate cleaning. The new four-door version includes stereo speakers, a centre console

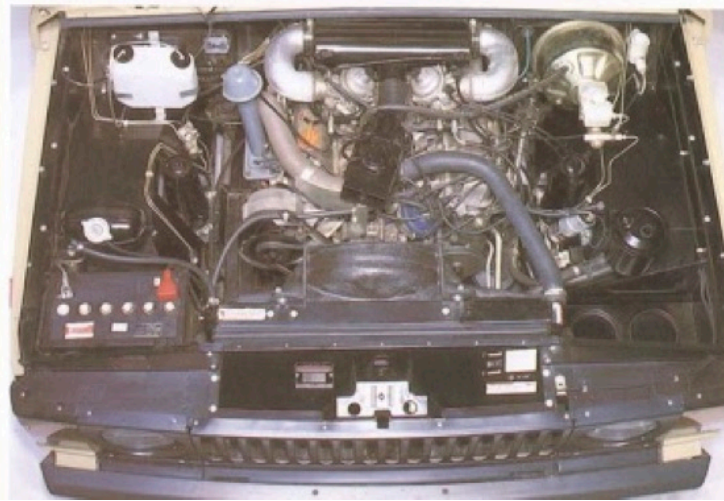
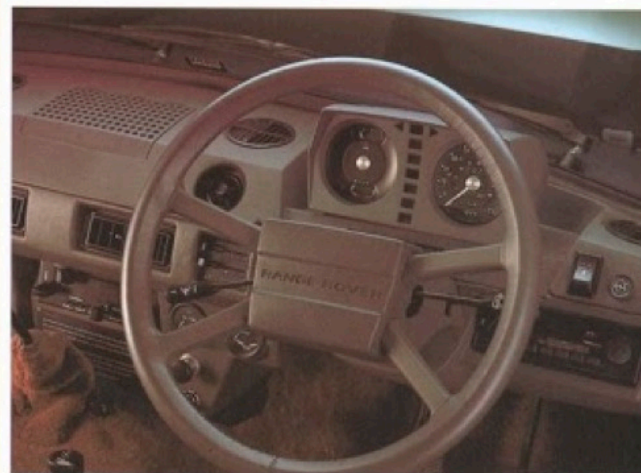
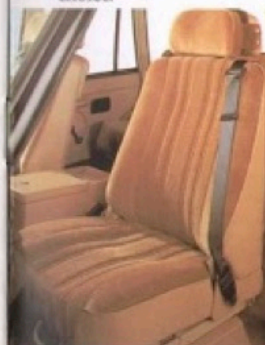
between the front seats and map pockets on the rear of the front seats. The 2 door version also has many refinements expected of Range Rover. Comprehensive instrumentation provides a continuous flow of information, including an array of warning lights; finger-tip levers control the two-speed wipers (with flick wipe), programmed wash/wipe system, horn, indicators and lights.

Nearby are switches for the rear window wiper and washer, while the centre fascia carries the cigar lighter and switches for hazard warning lights, heated rear window, and the heating/ventilating system. The 3500cc engine is all aluminium, providing a superb power/weight ratio. This proven power unit has been deservedly acclaimed for its smoothness, economy and reliability, and ready access to its major

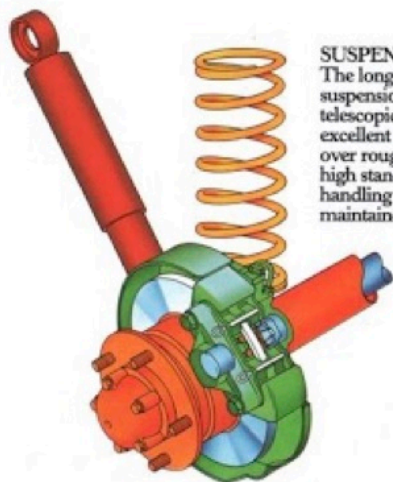
components affords exceptional ease of servicing. Your Range Rover's comprehensive standard specification can be superbly complemented by the options and accessories of your choice.

These include towing equipment, power take-off, winching equipment, and a full option pack. When fitted, the air conditioning unit of your Range Rover also significantly contributes to your comfort.

The output of this powerful unit ensures that driver and passengers remain fresh and cool whatever the conditions. And, unlike air conditioning units offered as accessories, it's totally integrated into the dashboard of your Range Rover.

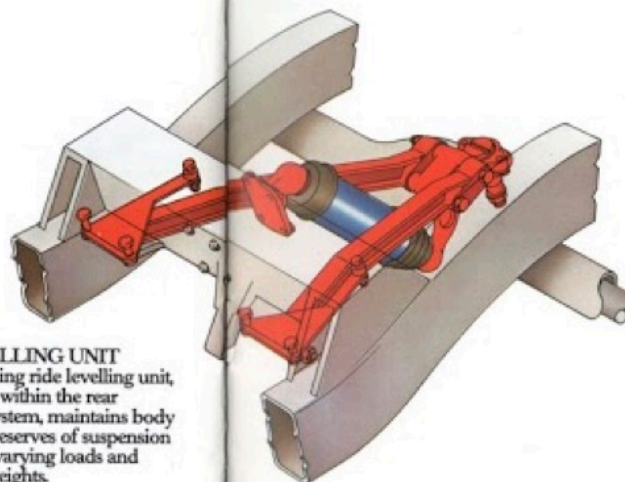






#### SUSPENSION

The long travel coil spring suspension system with hydraulic telescopic dampers provides excellent traction. A smooth ride over rough terrain is ensured and high standards of comfort and handling on main roads are maintained.



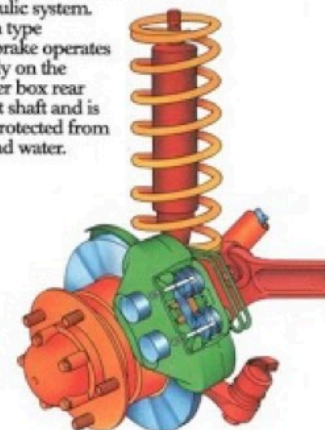
#### RIDE LEVELLING UNIT

A self energising ride levelling unit, incorporated within the rear suspension system, maintains body attitude and reserves of suspension travel under varying loads and trailer nose weights.

#### BRAKES

Powerful servo assisted disc brakes, front and rear, with a dual circuit hydraulic system.

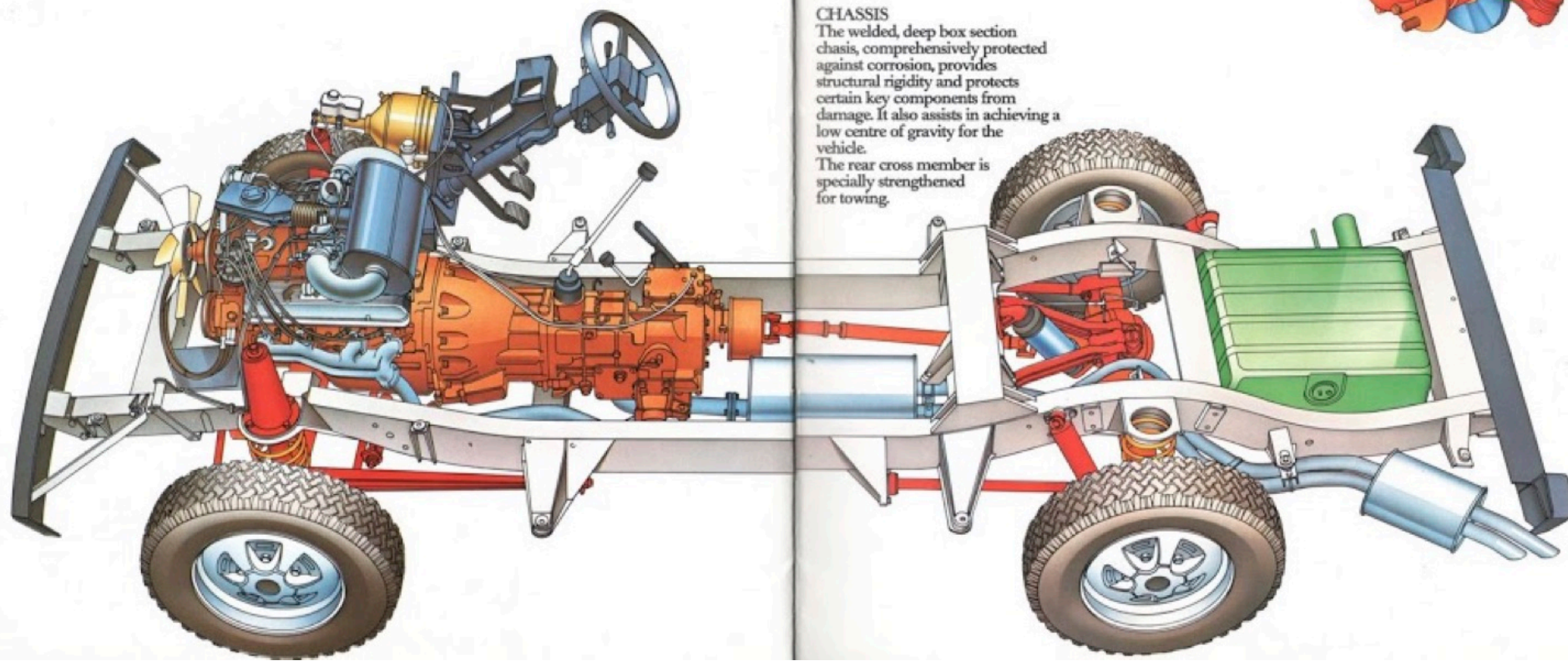
Drum type handbrake operates directly on the transfer box rear output shaft and is well protected from dirt and water.



#### CHASSIS

The welded, deep box section chassis, comprehensively protected against corrosion, provides structural rigidity and protects certain key components from damage. It also assists in achieving a low centre of gravity for the vehicle.

The rear cross member is specially strengthened for towing.





# Specification Variations and Options

## Mechanical

- Power assisted steering
- Airconditioning
- Towing equipment
- Front mudflaps
- Petrol tank guard

## Electrical

- Radio aerial
- Door mounted stereophonic speakers
- Underbonnet inspection lamps

## Interior

- Removable footwell carpeting
- Rubber floor mats
- Bronze velvet seat facings
- Palomino vinyl seat facings
- Head restraints with detachable headrest pads
- Leather rimmed steering wheel
- Lockable centre cubby box with rear ashtray
- Elasticated map pockets on rear of front seats
- Carpeted tool cover and spare wheel cover
- Vinyl tool cover and spare wheel cover

## Option pack for 2 door

Consisting of: power assisted steering, airconditioning, full carpeting, bronze velvet seat facings, head restraints with detachable headrest pads, leather rimmed steering wheel, lockable cubby box, carpeted tool cover, spare wheel cover, radio aerial, door mounted stereophonic speakers, underbonnet inspection lamps, front mud flaps and petrol tank guard.

N.B. An extensive range of further optional equipment is available. Please see your dealer for full details of specification and availability.

Key: S : Standard  
O : Optional  
— : Not Available  
\* : Available only as part of option pack

2 Door  
4 Door

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AAA

# Production and Testing

Derived from the legendary Land Rover, the success of the Range Rover has created a massive worldwide demand for this unique vehicle.

To satisfy this demand while improving still further the production quality of the Range Rover, a major investment has been made in the new Land Rover plant at Solihull.

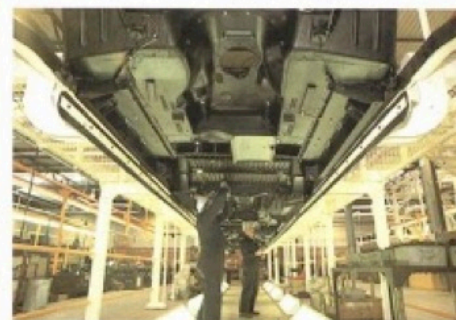
Incorporating the most sophisticated technology and manufacturing techniques, the Range Rover factory sets new standards for the manufacture of four-wheel drive vehicles.

Every component and assembly is painstakingly examined, and every vehicle receives detailed individual inspection throughout the production process.

Every Range Rover is therefore virtually made to measure, and indeed many individual vehicles are so built for Governments and other organisations all over the world.

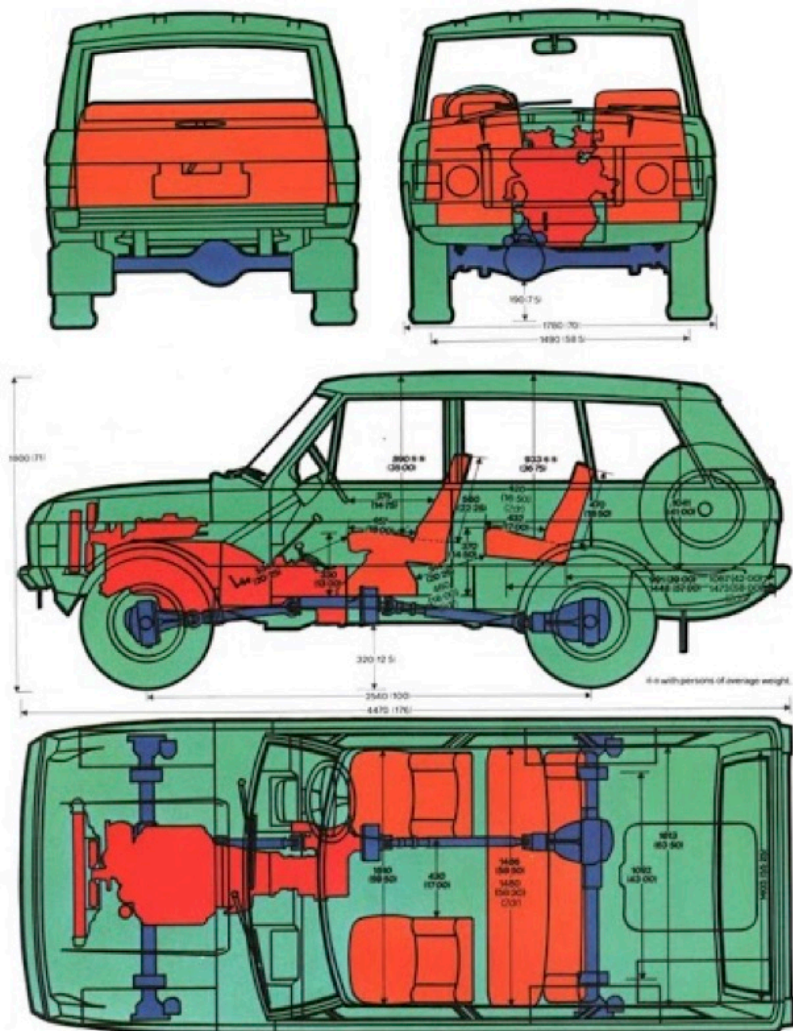
Range Rovers are the choice of Police and Armed Forces, explorers, construction companies, oil and mineral prospectors, fire-fighting units, medical teams and many other individuals and professional bodies. This wide variety of applications is a tribute to the versatility of the Range Rover—a truly unique combination: luxury car, performance car, estate car and cross-country car.

With its unique heritage and pedigree, you may be sure that, in all these respects, your Range Rover will satisfy you as no other vehicle ever could.





# Basic Specification Details



## Load Volumes

(MAXIMUM USABLE)	2 door	4 door
Rear seat up	11751 (41.48 cu.ft.)	10251 (36.18 cu.ft.)
Rear seat down	20051 (70.86 cu.ft.)	20051 (70.86 cu.ft.)

(Based on SAE J1094, less allowances for intrusions)

## Towing Capacity

	Trailer Weight kg (lb)	Trailer Weight & Vehicle (gross) kg (lb)
Off-road trailer	1000 (2204)	3510 (7736)
On-road 2-wheel trailer (over-run brakes)	2000 (4408)	4510 (9940)
4 wheeled trailer with power brakes	4000 (8816)	6510 (14348)
Limited use, emergency purposes only, max. road speed 30km/h (18m.p.h.)	6000 (13224)	8510 (18756)

## Weights

	Front Axle kg (lb)	Rear Axle kg (lb)	Total kg (lb)
2 DOOR			
Unladen	893 (1968)	869 (1915)	1762 (3883)
Kerb	912 (2003)	983 (2167)	1895 (4177)
Gross	1000 (2204)	1530 (3328)	2510 (5532)
4 DOOR			
Unladen	909 (2003)	884 (1948)	1793 (3951)
Kerb	928 (2045)	999 (2200)	1927 (4246)
Gross	1000 (2204)	1530 (3328)	2510 (5532)

N.B. Unladen weight is for minimum specification vehicle. Kerb weight equals unladen weight plus full tank of fuel plus driver. Not payload is dependent on equipment fitted to particular vehicle.

Measurements with driver's seat in central position. Total adjustment of driver's seat fore and aft is 186mm (7.33in), 189mm (7.43in) for passenger's seat.

## ENGINE:

Low compression engine: eight cylinders in vee formation, aluminium alloy construction with five bearing crankshaft and self adjusting hydraulic tappets. Bore 88.9mm (3.5in). Stroke 71.1mm (2.8in). Cubic capacity 3528cc (215 cu.in.). Compression ratio 8.13:1. Max power 97kW (130 DIN bhp) at 5000 rpm. Max torque 249 Nm (185 lb ft) at 2500 rpm.

## TRANSMISSION:

Main gearbox incorporating four forward and one reverse speeds, manually operated with synchromesh on all forward gears. Transfer box on main gearbox output giving high and low ratios on all main gearbox speeds. Front and rear drive permanently engaged via a third differential which may be locked by a vacuum control switch. Overall Ratios (Final Drive):

	High Transfer	Low Transfer
Top	3.55:1	11.76:1
Third	5.36:1	17.69:1
Second	8.71:1	29.28:1
First	14.47:1	47.84:1
Reverse	13.04:1	43.07:1

## \*ENGINE:

High compression engine: eight cylinders in vee formation, aluminium alloy construction with five bearing crankshaft and self adjusting hydraulic tappets. Bore 88.9mm (3.5in). Stroke 71.1mm (2.8in). Cubic capacity 3528cc (215 cu.in.). Compression ratio 9.35:1. Max power 93.2 kW (125 DIN bhp) at 4000 rpm. Max torque 258 Nm (190 lb ft) at 2500 rpm.

## TRANSMISSION:

Main gearbox incorporating four forward and one reverse speeds, manually operated with synchromesh on all forward gears. Transfer box on main gearbox output giving high and low ratios on all main gearbox speeds. Front and rear drive permanently engaged via a third differential which may be locked by a vacuum control switch. Overall Ratios (Final Drive):

	High Transfer	Low Transfer
Top	3.52:1	11.76:1
Third	5.31:1	17.69:1
Second	8.63:1	28.78:1
First	14.34:1	47.84:1
Reverse	12.92:1	43.07:1

\*HC engine requires minimum 97 octane fuel.

## AXLES:

Beam type axles front and rear incorporating hypoid spiral bevel type differentials and fully floating axle shafts. Differential ratio 3.54:1. Front axle incorporates enclosed constant velocity joints.

## SUSPENSION:

Long travel coil spring suspension. Axle location by radius arms (l & r) with Panhard rod (front) and support rods and central wishbone assembly (rear). Control by long-stroke hydraulic telescopic dampers. Rear suspension incorporates self energising ride levelling unit.

## BRAKES:

Lockheed hydraulic disc brakes on all four wheels with servo-assistance and dual circuit piping. Drum type handbrake operating on transfer box rear output shaft.

## STEERING:

Adwest Varamatic power assisted steering with damper and safety columns, 3.5 turns lock to lock, or manual steering employing Burman recirculating ball, worm and nut system. 4.75 turns lock to lock.

## WHEELS AND TYRES:

Styled pressed steel wheels, five stud fixing, size 6.00JK x 16, fitted with 205 x 16 tube type dual purpose radial tyres.

## FUEL SYSTEM:

82 litre (18 imp. gallon) fuel tank, located between rear chassis frame members, feeding two Zenith-Stromberg carburettors via a Bendix electric pump.

## BASIC CONSTRUCTION:

Welded box section chassis protected by two galvanising dips and an electrophoretic paint dip. Pressed steel body frame fitted with bolt-on body panels, most of which are of lightweight, corrosion resistant aluminium alloy.

## HEATING AND VENTILATION:

Through-flow heating and ventilation system with two-speed fan providing fresh or recirculated air. Adjustable individual face level vents and rear quarter panel extractor grilles.

## WINDSCREEN WIPERS AND WASHERS:

Single steering column mounted stalk operates two wiper speeds, flick wipe, intermittent wipe and programmed wash and wipe sequence. Single speed rear wash and wipe system operated from dashboard mounted rocker switch.

## SEATING:

Individual orthopaedically designed front seats incorporating integral inertia-reel safety harnesses. 2 door vehicles are fitted with a mechanism allowing seat to tip and slide forward for ease of access to rear seat. Rear seat accommodates three passengers and may be folded to increase payload area.

## INSTRUMENTATION:

Main binnacle incorporates speedometer, fuel gauge, water temperature gauge, odometer, trip recorder and twelve warning lights. Supplementary instruments consist of a battery voltmeter, oil pressure gauge, oil temperature gauge and electric clock. Soft green instrument illumination is switchable.

## ELECTRICAL SUPPLY:

12 volt negative earth system incorporating 65 amp output alternator and 60 amp-hour battery.

## LIGHTING:

Quartz-halogen headlamps (60 watt main beam, 55 watt dipped beam), sidelamps, indicator lamps with hazard warning system, stop/tail lamps, reversing lamps, rear fog-guard lamps, number plate lamps, twin interior courtesy lamps with delay system, automatic underbonnet inspection lamps.

## MISCELLANEOUS:

Padded sunvisors with vanitor mirror (passenger's side) and ticket pocket (driver's side), tinted glass with laminated windscreen, child safety locks on rear doors (four door), integral parcel tray/passenger grab handle, spacious glovebox (except with airconditioning option), opening quarter vents, two exterior rear view mirrors (door mounted), cigar lighter, heated rear window, lockable fuel filler cap, rear mud flaps, provision for radio installation.

## Important Notice

The specifications in this publication apply to vehicles produced for the U.K. market. Specifications for models produced for the Australian market differ, generally to conform with local regulations or to improve the vehicle's suitability for local conditions.

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