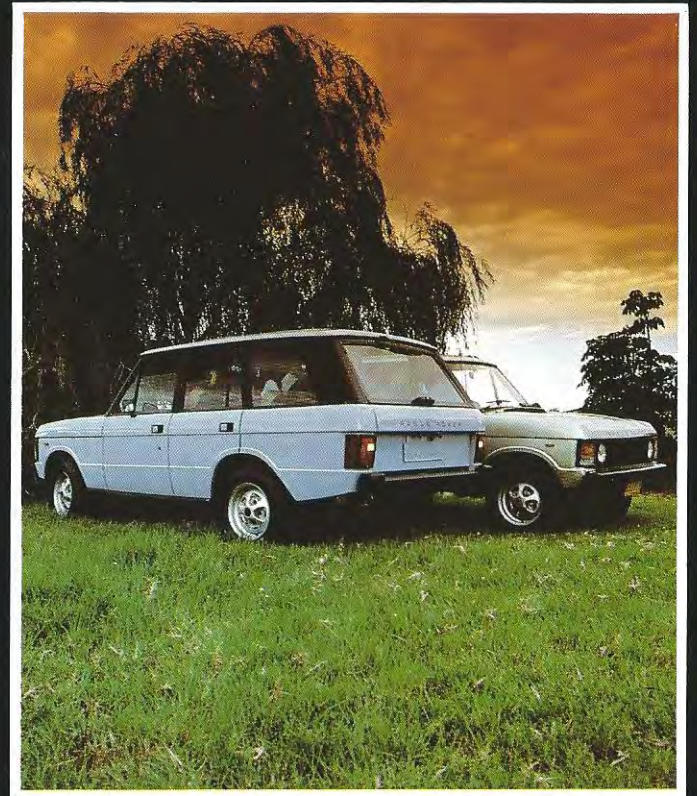




# RANGE ROVER

2 DOOR - 4 DOOR



## SPECIFICATIONS

**ENGINE** An o.h.v. all-aluminium high performance V8. Bore 88.9 mm. Stroke 71.1 mm. Cubic capacity 3.528 litres. Comp ratio. 9.35:1 Max. Power 92.6 kW @ 4000 rpm. Max. torque 258 Nm @ 2500 rpm. Aluminium alloy cylinder block with inserted iron liners, cast integrally with crankcase. Aluminium alloy cylinder heads with in-line valves for breathing efficiency. Separate aluminium alloy inlet manifold with two carburettors. Self adjusting hydraulic tappets. Pistons are of a special light-weight full skirt design and incorporate a shallow circular depression in the crown. The counter-weighted crankshaft runs in five lead-bronze/lead indium overlay shell bearings and is fitted with a torsional vibration damper. A gear-driven oil pump delivers oil under pressure, to the main, big-end and camshaft bearings, the hydraulic tappets, distributor drive shaft and valve rocker gear. The cylinder bores are lubricated by a jet of oil from each connecting rod. A full-flow oil filter is fitted.

**COOLING SYSTEM** Pressurised type (103.3 kPa) with pump, fan, thermostat and pressurised expansion tank.

Capacity of system approximately 11 litres.

Crossflow radiator.

**FUEL SYSTEM** An 82 litres tank is located at the rear between the chassis frame members. A fascia warning light flashes when the fuel level drops below approximately 13.6 litres. The Bendix electric pump supplies fuel to two Zenith-175 CD carburettors.

**TRANSMISSION** Clutch is of the diaphragm spring, single dry plate type — 267 mm diameter. The main gearbox has four forward and one reverse speeds, manually operated with synchromesh on all forward gears. The transfer gearbox is of the two-speed reduction type on the main gearbox output. Front and rear drive are permanently engaged via a third differential which can be locked by a vacuum control switch, mounted on the gearbox. Front and rear axles are of the spiral bevel type, the front having enclosed constant velocity joints. Differential ratio for each is 3.54:1. Auto transmission now available.

### OVERALL RATIOS (Final Drive)

	High Transfer	Low Transfer
Top	3.53 : 1	11.76 : 1
Third	5.30 : 1	17.69 : 1
Second	8.63 : 1	28.78 : 1
First	14.34 : 1	47.84 : 1
Reverse	12.91 : 1	43.08 : 1

**STEERING** Power assisted Burman recirculating ball, worm and nut type incorporating an A.C. safety column with security locking device. Steering wheel diameter 430 mm. Steering box ratio 20.55:1 Turning circle 11.3 m, 3.5 turns lock to lock.

**FRONT SUSPENSION** Coil springs. Axle located by radius arms and Panhard rod. Control is by long-stroke hydraulic telescopic dampers.

**REAR SUSPENSION** Coil springs. Axle located by radius arms, support rods and central wishbone assembly, incorporating a 'Boge Hydromat' self-energising ride-level unit. Control is by long-stroke hydraulic telescopic dampers.

**BRAKES** Lockheed disc brakes are fitted front and rear and are servo-assisted for easy pedal operation. A dual line piping system ensures emergency braking to individually piped calipers on the front discs. The hand-brake is of internal expanding drum type, operating on the transfer box rear output shaft.

**WHEELS AND TYRES** Pressed-steel enamelled wheels, five stud fixing — size 6.00 JK x 16. Tyres: Michelin radials XM + S205 x 16 (tubed).

**LIGHTING** Headlamps sealed beam. Main beam 75 watt, dipped beam 50 watt. The head/side lamp switch and the combined headlamp flasher, dip, direction indicator and horn switch are mounted on the steering column nacelle below the steering wheel. A similar switch is provided for fog and spot lamps (optional extra). Sidelamps and indicator lamps are mounted on the front body corners and the rear tail/stop-indicator lamp unit incorporates a reversing lamp. A hazard warning system is standard and is operated by a switch on the fascia.

**HEATING AND VENTILATION SYSTEM** The heating and ventilation system provides either fresh or recirculated air. Air is drawn through an opening below the windscreen where the intake of traffic fumes is minimised. Individual face level vents and a central vent can be adjusted as required. Extractor grilles in the rear quarter panels allow natural 'through-flow' ventilation.

**WINDSCREEN WIPERS AND WASHERS** Two-speed windscreen wipers incorporating a flick-wipe facility and intermit/cut wipe are operated by a steering column switch which also actuates the electrically-operated windscreen washers. Rear screen is fitted with a single speed wiper and washer.

**BASIC CONSTRUCTION** The construction makes use of a welded box section chassis frame and a steel base unit to which the skin panels are applied as separate, painted units. Most body panels are of non-corrosive aluminium alloy. A laminated windscreen is fitted.

Rear body floor is strong corrugated aluminium and has a moulded rubber mat. The lower full-width tailgate is of steel and has a single centre locking handle. The pneumatically-assisted upper tailgate is provided with a security lock.

**BODY INTERIOR** Individual front seats with headrests have integral lap and diagonal safety harnesses. The full width rear seat can be folded for greater payload area.

Rear seat backrest catch operated by central handle.

Spare wheel mounted on left-hand side of body, with wheel cover.

Interior appointments include: Interior roof light, operated either by opening the doors or by an independent switch which features a delay of up to twelve seconds after all doors are closed; ashtray on transmission tunnel; twin collapsible sun visors; safety spring-out interior rear view mirror; spacious glove box; stereo cassette with touch sensitive AM/FM radio; tinted windows (excluding windscreen); inertia reel seat belts; laminated windscreen; heavy duty alternator.

Instrumentation consists of a speedometer, fuel gauge, water

temperature gauge, battery voltmeter, oil pressure gauge, oil temperature gauge, nine warning lights and an electric clock.

**OVERALL DIMENSIONS AND DATA** Wheelbase 2540 mm; Track 1490 mm; Ground clearance (under axles) 190 mm — (under c/l vehicle) 320 mm; Turning circle 11.3 m; Overall length 4470 mm; Overall width 1780 mm; Overall height 1780 mm.

### WEIGHTS

	Front Axle kg	Rear Axle kg	Total kg
Unladen plus			
22.5 litres fuel			
2-Door	862	862	1724
4-Door	956	906	1862
Gross weight	1070	1650	2720
Total payload			
2-Door			966
4-Door			858

NOTE: These figures include an allowance of 100 kg for the fitting of a winch (or auxiliaries) which is restricted to the front of the vehicle only. Maximum axle loadings must not be exceeded.

### Towing Capacity

	Trailer weight	Trailer weight & vehicle
'Off-road' trailer	1000 kg	3504 kg
'On-road' 2-wheel trailer (over-run brakes)	2000 kg	4504 kg
4-wheel road trailer with power brakes	4000 kg	6504 kg
Limited use, emergency purposes only. Max. road speed 30 km/h	6000 kg	8504 kg
Subject to State Legislation.		

### OPTIONS

Air-conditioning, Cloth Seats, Metallic Paint.

### 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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