ROVER 3500

SPECIFICATIONS

GENERAL DIMENSIONS:

Wheelbase	2815 mm
Track: front	1506 mm
rear	1506 mm
Ground clearance (5 up condition)	155 mm
Turning circle (between kerbs)	10.4 m dia.
Overall length	4698 mm
width	1768 mm
height (unladen)	1354 mm

Weights

All-up kerb weight	1428 kg
Gross vehicle	1915 kg

Capacities

Petrol tank	65.9 litres
Engine sump and oil filters	5.45 litres
Engine sump — drain and refill	4.69 litres
Rear axle	0.90 litres
Cooling system and heater	11.08 litres

Engine

No. of Cylinders	8 in Vee formation
Bore	88.9 mm
Stroke	71.1 mm
Capacity	3528 cc
Compression ratio	8.13:1 (nominal)
Max. Power DIN	102 kW at 5000 rpm
Max. Torque DIN	245 Nm at 3000 rpm
Carburettors	Two Zenith Stromberg 175 CDSET

Transmission

Automatic Gearbox	Borg-Warner type 65 3-speed with 11 in.torque converter.

Transmission

Final Drive	Live 'torque tube' type axle with hypoid differential.
Ratio	3.08:1
KPH/1000 rpm top gear	Automatic 37.0 kph

Suspension
Front — Independent Macpherson strut with lower link. Fore and aft location by anti-roll bar.
Rear — Torque tube type live axle with coil springs and combined telescopic damper/ride levelling units. Fore and aft location by trailing arms and transverse location by Watt's linkage.

Wheels
Wheel type: cast alloy; Diameter: 35.5 cm (14 in); Rim Section: 6J; No. of wheel fixings: 5.

Steering
Power-assisted rack and pinion mounted on front cross member. The steering column incorporates a collapsible safety system and is adjustable both axially and vertically. There are 2.7 turns from lock to lock with a 10.4 m dia. turning circle.

Brakes
Direct-acting servo assisted split system with separate actuation of front discs and self-adjusting rear drums. The system incorporates a pressure limiting valve to reduce the likelihood of locking the rear brakes. In the event of failure of one circuit, a pressure differential switch actuates a dashboard warning light.

Battery
12 volt 66 amp hour at 20 hour rate. Located under bonnet.

Alternator
55 amp output.

Fuel System
65.9 litres tank with submerged electric fuel pump.

Body
Type — Integral monocoque construction with front (bolt-on) cross member. 5 seats, 5 door.
Upholstery — Short pile nylon, box pleated velour seats. Deep pile carpeting throughout.
Instruments — Comprehensive instrumentation with speedometer, tachometer, fuel, temperature, oil pressure and battery condition gauges. Warning lights for low oil pressure, low fuel level, hand brake on, low fluid level, brake line failure, side/tail/brake light bulb failure, heated rear window, indicators, mainbeam headlights, rear fog guard lamps and seat belts not fastened.
Seat Belts — Inertia reel seat belts for all outboard seating positions. Centre rear seat is fitted with a lap belt.

Heating & Ventilation
Integrated air conditioning.

General Equipment
Stereo cassette, AM/FM radio; electrically operated windows; tinted side and rear windows; central door locking system; twin external rear view mirrors with internal adjustment; steel belted radial tyres.

Mastercare

The Mark of Quality

A unique Customer Assurance Programme which provides the purchaser of any new Rover 3500 with:

- Full Factory Parts and Labour Warranty for 12 months unlimited kilometres from the date the car is first registered.
- Plus we undertake to pay the labour costs of regular maintenance, as set out in the owners handbook, for 3 years or up to and including the 40,000 kilometre service, whichever occurs first.

IMPORTANT: Some items related to normal wear factors, or classified as additional service operations are not covered by warranty or the maintenance plan. Full details are set out in the Rover Mastercare Handbook.

British Leyland Limited and Leyland Australia are constantly seeking ways to improve the specifications, design and production of their vehicles, and alterations take place continually. In addition, changes are from time to time necessary in order to conform with newly introduced or altered design and emission regulations.
The specifications shown were current as at March, 1980, but as development is a continuing process, the manufacturer reserves the right to change specifications without notice. Accordingly, this brochure should not be regarded as an infallible guide to current specifications, nor does it constitute an offer for sale of any particular vehicle.