ROVER

New dimensions in driving technology

ROVER 3500

The new Rover 3500 creates a new dimension in Driving Technology, a new dimension in Design Quality, Reliability, Safety, Comfort, and Performance. — All that you would expect from Britain's most decorated car. The Rover 3500 has won the Don Safety Trophy, the A.A. Gold Medal and the Style Auto Award, and was voted the European Car of the Year.

Rover Design
The birth of a new Rover marks a turning point in design and sets the standard of things for years to come. The new Rover takes its form because of a deliberate policy towards simplicity. The design team have avoided over-complicated structures, and simplified all design aspects to produce a superbly efficient design. The result is a car that's outstanding in performance, simple to maintain and beautiful to look at. The design gives low wind resistance and a drag coefficient exceptionally small for cars of such size. The benefits are safe, lively performance and efficient petrol consumption.

Every aspect of design in the new Rover achieves the maximum of efficiency with the minimum of complexity. For instance, the use of a live rear axle and a simple rear suspension self levelling mechanism to maintain correct ride height, whether the car is full or empty. One pushbutton automatically controls all door locks. At every point the simple answer has been found and refined to give the best results.

Rover Quality
The quality of a car begins with the quality of the materials used to built it. The new Rover starts life with the advantage of the best materials available. For example the bumpers on the Rover are made from high quality stainless steel, the material for the seating is top grade, cropped polyester velour, and the cut carpet pile 100% pure New Zealand virgin wool.

The new Rover is subject to continual assembly line checks and is assembled at the Nelson Plant of the New Zealand Motor Corporation, which has a tradition of building quality cars such as the Triumph and Jaguar and the previous model Rover.

Rover Reliability
Rover have a long tradition of building quality cars that last. For example, the underside of the car is protected by a bitumen-based coating, and many hidden surfaces are wax coated to give extra body protection against rust. The exhaust system has been aluminised at its most vulnerable points, giving it a longer life than a conventional system, and the car is powered by the famous Rover V8 engine.

Rover Safety
The new Rover 3500 creates a new dimension in safety. With special reference to its safety innovations, an international jury voted the new Rover Europe's Car of the Year. It was also awarded the Don Safety Award and the coveted A.A. gold medal, awarded for the car's advancement in safety in terms of overall design and detailed equipment.

Safety in being seen — Rear high intensity fog lamps, hazard warning lights, door guard lamps. Power Quartz Halogen head lamps, fog driving lamps.

Safety in seeing — An internally adjustable door mirror, 2 speed wipers and electric washers with intermittent wipe, a self cleaning and heated rear window, side window demisters.

Safety in avoiding accidents — Warning lights monitoring fuel, oil and battery, brake failure warning light and bulb failure warning light, signalling failure of any side, brake, tail or number plate lights. Dual circuit. Child-proof rear windows.

Safety in accidents — Energy absorbing compression struts to absorb energy in an accident; fuel pump cut-out switch which cuts off the fuel in an accident to avoid spillage. Seat-mounted safety belt anchorage, which ensures the lap belt is always positioned across the occupant's pelvis. Triplex ten-twenty windscreen dramatically reduces the risk of a facial laceration in an accident. Front and rear inertia reel seat belts are fitted as standard.

Rover Space and Comfort
The new Rover is a five-seater saloon. With two people in the rear seat, an armrest is available for their comfort. The boot, reached through the tailgate door, is usable in three ways; as a normal boot, as a deeper boot when the panels over the spare wheel are removed, and with the rear seat folded down the boot becomes a luggage space larger than many station wagons. The ride in a new Rover is smooth, quiet and very satisfying for driver and passenger alike. The easy to clean cropped pile velour seats are carefully designed to fit and support your back; the steering column can be easily adjusted to fit any height and reach. Also standard is a high quality radio/cassette player with four speakers and front and rear balance control. Power windows are also standard.

Rover Economy and Performance
The combination of aerodynamic shape and an efficient engine combine to contribute to remarkable fuel economy for the new Rover. Official U.K. tests returned:

19.1 m.p.g. (14.8 L/100 km) in urban driving and 31.6 m.p.g. (8.9 L/100 km) at a constant 56 m.p.h. (90 k.p.h.)

For positive road holding the car has a long wheelbase, rack and pinion power assisted steering and radial tyres. All contribute to straight-line stability and lack of roll on corners.

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P.O. BOX 482
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New Zealand Motor Corporation Ltd
Licensed Motor Vehicle Dealers
Outlets Everywhere

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NZ Publ No MKT 659 R

Specification

ENGINE
8 Cylinder 90 deg "V" configuration. Bore 88.9 mm — Stroke 71.12 mm — Displacement 3528 cm3. Power output (nett) 116 kW at 5250 r/min. Torque maximum (nett) 268.0 N m at 2500 r/min. — Compression ratio 9.35:1 Number main bearings 5. Petrol tank capacity 70.0 litres.

TRANSMISSION
3 Speed automatic with torque converter. Borg-Warner Type 65. Ratios: Low 2.39 — Intermediate 1.45 — Top 1.00 — Reverse 2.09 — Rear axle 2.23.Transmission oil cooler in engine radiator. Capacity 7.0 litres.

STEERING
Rack and Pinion. Power assisted. Number of wheel turns lock to lock 2.75. Turning circle between kerbs 10.44 m. Steering wheel adjustable for rake and reach.

WHEELS AND TYRES
Pressed steel disc wheels 6J × 14 retained by 5 wheel nuts. Fitted with 185 × 14 Radial ply tyres.

BRAKES
Independent dual circuit hydraulic system — vacuum assisted. Front discs 250 mm diameter. Rear drums 228 mm diameter.

SUSPENSION
Front — Independent. Coil springs MacPherson strut type telescopic damper units with anti-roll bar. Rear — Live rear axle, controlled by trailing arms, torque tube, and Watts linkage. Variable rate coil springs with self levelling units.

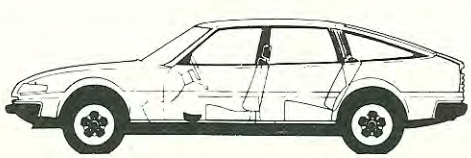
ELECTRICAL SYSTEM
12 Volt negative earth system.
Battery: 61 Ampere hours.
Ignition: Lucas Electronic.
Equipment: Twin horns. Two-speed wipers with intermittent wipe. Heated rear window. Bonnet light. Twin courtesy lights, automatic boot light, glove compartment lights, and map lights. Halogen headlights. Front fog lights, front door open warning lights, radio/tape deck. Heater/demister/ventilator with three speed fan, ducting air to demist door windows and to heat rear compartment. Cigar Lighter.

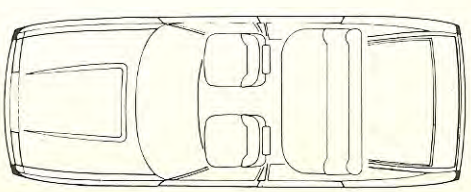
INSTRUMENTS
Speedometer incorporating total trip odometers. Tachometer. Fuel gauge, battery condition indicator, Water temperature guage. Oil pressure gauge. Warning lights for ignition, oil pressure, choke, direction indicators (both operated for hazard warning), main beam, brake system failure on handbrake 'on', low fuel level, heated rear window, rear seat belts and rear fog guard lamps, bulb failure, child locks on. Control stalks on steering column for horns, headlamp flash and dip, direction indicators, windscreen wipers and washers and exterior lights. Switches on instrument panel to control front fog lamps, rear fog lamps, hazard warning lights, heated rear window, panel lights. Clock.

COACHWORK
Five door, six-light, five seater saloon. Corrosion-resistant steel monocoque construction body. Forward hinged bonnet. One piece rear tailgate. Internally adjustable rear view mirror on drivers door. Chrome bumpers with wrap around rubber ends. Electric windows and centrepoint locking system, lap and diagonal inertia reel seat belts. Front and rear and 3rd lap belt in rear. Folding rear parcel shelf with interconnection to fifth door. Recessed sun visors. Front seats are fully reclining and are fitted with head restraints. Rear seats fold down.

UPHOLSTERY AND TRIM
Nutmeg interior trim with Coriander fabric. Carpeted throughout with 100% wool cut pile carpet.

BOOT SIZE
Min 0.46 — Max 1.376 m3 — Plus addition 0.168m3 if boot-well used.





DIMENSIONS

Wheelbase	2815mm
Track — Front	1500mm
Track — Rear	1500mm
Ground Clearance (Fully laden)	155mm
Length	4698mm
Width	1768mm
Height (unladen)	1354mm
Boot height — Max/Min	387/330mm
Boot depth — Max/Min	889mm
Boot width	1473mm
Seating width — front (per seat)	580mm
Seating width — rear	1410mm
Legroom — front — Max/Min	1143/991mm
Legroom — rear — Max/Min	1181/1086mm
Headroom — front	880mm
Headroom — rear	880mm

MAXIMUM TOWING MASS 1000 kg