Rover 3500S

The Rover 3500S with its V-8 engine, power steering, factory designed and installed air conditioning (optional), and power windows has been built for North America. To be sure, the European version, the 3500, is already a very great success in Europe, but it was developed and engineered in response to requests from this side of the Atlantic for the features Canadians want in automobiles of such a level of craftsmanship.

The basic design of the car is the same as that of the much lauded Rover 2000 series with its cage-like base unit construction, unique suspension system, excellent disc brakes on all four wheels, fine handling qualities, and concern for passenger and driver comfort and safety. To these have been added a 3½ litre aluminum V-8 engine, Borg-Warner Type 35 3-Speed automatic transmission, larger disc brakes, wider wheels and tires, Adwest Varamatic power steering, Delco electrically operated power windows, periodicity windshield wiping system, and optional fresh-air conditioning integrated into the design of the car and its heating and ventilating system.

SPECIFICATIONS

Body Exterior: Immensely strong base unit fitted with detachable body panels. Base unit paint-dipped, and all exterior panels sprayed electrostatically. All doors front hinged and have anti-burst devices. Exterior trim items in stainless steel or anodized aluminum. Front locking hood with safety catch and interior security control. Alternative spare-wheel mounting position on trunk lid. Locking gas cap. Doors and fenders protected by side rubbing strips. Extra strong bumpers with rubber-faced overriders and front and rear towing eyes. Undercoating.

Body Interior: Fully adjustable and reclining front bucket seats with head restraints; rear-seats also of the bucket-type with a wide centre armrest which folds to provide accommodation for an occasional third rear passenger. All seats trimmed with perforated top quality amblair. Heavy pile carpets throughout including trunk. Armrests on all doors. Front doors have large map-pockets. Storage accommodation includes two large padded glove lockers, non-slip front shelf and full width rear parcel shelf. Leather covered steering wheel. Power windows with individual controls and driver's master override switch. Flow-through ventilation system.

Standard Equipment: Fresh-air heater, cigar lighter and ashtrays, clock, four-way hazard warning flasher. Courtesy and map lights. Windshield washers and intermittent wiping system. Two exterior and one interior rear-view mirror. Three-point safety harnesses on all four seats. Engine and trunk compartment lights. Icelert warning device. Tool kit. Electrically heated rear window.

Engine: V-8 215 cu. in. (3528 cc); Bore 3.5 in.; Stroke 2.8 in.; 184 b.h.p. at 5200 rpm; Compression ratio 10.5:1; Maximum torque 226 lbs./ft. at 3000 rpm; **Block:** Aluminum alloy with inserted cast-iron dry liners. **Cylinder heads:** Aluminum alloy with in-line valve arrangement; valves operated by hydraulic self-adjusting tappets and push-rods. **Crankshaft:** Five bearing with vibration damper. Required anti-pollution equipment.

Electrical System: 12 volt negative ground. 45 amp-hr. alternator. 60 amp battery.

Steering: Adwest Varamatic power steering. 3¼ turns lock to lock. Column adjustable for rake and contains anti-theft lock.

Brakes: Power-assisted, self-adjusting disc brakes all around. Electrical contacts in disc pads warn of maximum wear condition. Disc diameter: front—10.82 in.; rear—10.69 in. Total swept area: 372 sq. in.

Suspension: Front: double wishbone system but the top links are pivoted on a common axis across the car and so angled to resist weight transfer due to braking. Horizontally mounted coil springs. Anti-roll bar. **Rear:** de Dion sliding tube type with universally jointed, fixed length drive shafts located by Watts type linkage with coil spring. Hydraulic telescopic shock absorbers all around.

Dimensions: Wheelbase: 103.375 in. **Track: Front:** 53.375 in., **Rear:** 51.75 in. **Ground clearance:** 7 in. **Turning Circle:** 31.5 ft. **Overall Length:** 181 in. **Width:** 66 in. **Height:** 56.25 in. **Curb Weight:** 3184 lb. **Tire size:** 185 HR14 Pirelli radial ply gold band tubeless. **Fuel tank:** 15 imperial gallons including reserve of 2.25 imperial gallons.

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