



Mulsanne



Mulsanne S is a sporting motor car that follows many of the traditions established by its worthy predecessors when the Bentley marque earned its sporting wings over half a century ago. The handling and sporting characteristics add to the pleasure of effortless driving.





Style

The elegance of Mulsanne S creates an awareness of the motor car's presence in city traffic or in the brisk flow of motorway journeys.

The driver's environment creates a sense of unhurried enjoyment. Passengers too can share the relaxed atmosphere while mile after mile passes by at a surprising rate. The feeling of freshness and relaxation remains as strong at the end of the journey as it was when it started.

Motoring style has always been a dominant part of the Bentley attraction. Mulsanne S is a fine example of the marque's appeal.







Splendour

The impressive blend of handcrafted straight-grained walnut veneers for the facia and door cappings complement the superbly crafted leather seats to present the Mulsanne S driver with an unrivalled driving environment.

Clear, practical and well positioned driving instruments ensure the essentials are within fingertip reach and in good lines of visibility.

The interior splendour contributes much more than just comfort to driver and passengers.





Bentley Mulsanne S

Body Style

Number of seats

4 door saloon
2 front, 3 rear

Dimensions

Wheelbase	3061mm (120.5in)
Track front	1537mm (60.5in)
rear	1537mm (60.5in)
Overall length	5268mm (207.4in)
Overall width excluding door mirrors	1887mm (74.3in)
Overall height	1485mm (58.5in)
Ground clearance	165mm (6.5in)
Kerb weight	2245kg (4950lb)
Luggage boot capacity	0.55m ³ (19ft ³)

Engine

Position	Front longitudinal
Number of cylinders	8
Configuration	90°V
Bore and stroke	104.14mm × 99.06mm (4.1in × 3.9in)
Cubic capacity	6.75litres (411.75in ³)
Compression ratio	9.0:1
Working cycle	4 stroke
Valve arrangement	Overhead
Camshaft	Number
	Position
	Drive
Tappets	Central between cylinder blocks
Spark plugs	Gear
Firing order	Self adjusting hydraulic
Cylinder block material	NGK BPR 5EV
Cylinder liners	A1, A3, B3, A2, B2, B1, A4, B4
Cylinder head material	Aluminium-silicon alloy
Crankshaft bearings – number	Wet, cast iron
Oil filter system	Aluminium-silicon-manganese alloy
Fuel injection system	5
Type	Full flow disposable
Control	Bosch
Pressure	Mechanical
Fuel pumps	483kPa (70lb/in ²)
Number	2
Position	1 under floor, 1 in fuel tank
Fuel octane	97
Air cleaner system	Paper element
Cooling system	50:50 water and antifreeze
Maximum power, and torque	Not disclosed

Transmission

Type	Automatic
Coupling	Torque converter
Torque multiplication at stall	
Ratio 3	2.0:1
2	1.0:1
1	1.48:1
R	2.48:1
Gear change type and location	2.08:1
	Electric, switch on steering column

Final Drive

Type	Hypoid
Ratio	2.69:1
Road speed per 1000 rpm	48.3kph (30mph)

Electrical

Voltage/polarity	12V, negative earth
Battery capacity	68 amp/hr
Alternator	108 amps @ 13.5V
Fuses	1 × 4 amp, 12 × 10 amp 14 × 20 amp, 9 × 30 amp
	One thermal cut-out for centralised door locking system. Integral thermal cut-outs in window lifts and seat motors.

Chassis

Construction	Integral, with separate front and rear subframes
Brakes front	Type Diameter Swept area
Brakes rear	Type Diameter Swept area
Make	
Circuits, number and description	
Parking brake	Type
Steering	Type Overall ratio Turns lock to lock Turning circle, wall to wall
Suspension front	Type Springs Shock absorbers
Suspension rear	Type Springs Shock absorbers
Wheels	Material Rim size Diameter
Tyres	Type Size Normal pressure front and rear

Capacities

Fuel tank	108 litres (23.75 Imp gals)
Engine sump with filter	9.9 litres (17.4 Imp pts)
Transmission	10.6 litres (18.6 Imp pts)
Final drive	2.3 litres (4.0 Imp pts)
Cooling system	18.0 litres (31.6 Imp pts)
Hydraulic systems	5.0 litres (8.75 Imp pts)
Air conditioning refrigerant	1.9kg (4.25lbs)
Steering system	0.74 litres (1.33 Imp pts)



The company has an established policy of seeking improvements to the designs, specifications and the manufacture of its motor cars. Alterations take place continually, often without prior notification outside the company.

The contents of the company's literature must not be regarded as an infallible guide to the specifications available despite considerable effort to produce up-to-date information. No literature constitutes an offer for the sale of any particular motor car. The company's officially appointed dealers will advise on any changes when the circumstance of the enquiry permits.



Bentley Motors Limited

Crewe, Cheshire, England CW1 3PL
Telephone: 0270 255155 Telex: 36121

