



BENTLEY MULSANNE

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The Bentley Mulsanne epitomizes the very spirit of Bentley motoring, which is to say that it offers ample performance, cloaked in luxury and all round refinement.

Surging, effortless power is, of course, a prime requisite for the Bentley driver and the Mulsanne provides it in generous measure.

But since the Mulsanne is frequently called upon to fulfil the role of business transport, due attention has been paid both to overall standards of comfort and to the fine detail of interior equipment. A personal inspection of the Mulsanne substantiates any claim which might be made about the extraordinary lengths to which the designers and engineers go, to provide for the complete comfort and convenience of the Bentley driver.

It takes three months to build a Bentley Mulsanne. During that time, dedicated craftsmanship, and a single minded commitment to the finest available materials, combine to produce a motor car whose range of finishes and fitments will satisfy the most critical and demanding of owners.

Painstaking workmanship of this kind also assures Bentley's reputation for longevity and reliability.

The Mulsanne is equipped with electronically controlled split level air conditioning, an automatic transmission system which is generally regarded as a model of its kind, and fully compliant suspension with automatic ride height control to ensure the ultimate comfort for driver and passengers.

The beautiful burr walnut veneers, the 260 square feet of the first grade Connolly hide, the 56 yards of leather used to trim the deep pile Wilton carpet...every detail of the Mulsanne's interior reflects the same meticulous attention to detail.

Above all, though, what sets the Bentley Mulsanne apart from other high performance business cars is the fact that it is, unmistakably and inimitably, a Bentley.



TECHNICAL SPECIFICATION

BODY STYLE	4 door saloon
Number of seats	5
DIMENSIONS	
Wheelbase	3061mm (120.5in)
Overall length	5309mm (209.0in)
Overall width	
excluding door mirrors	1887mm (74.3in)
Overall height	1485mm (58.5in)
Kerb weight	2245kg (4950lb)
Luggage boot capacity	0.55cm ³ (19ft ³)
ENGINE	
Number of cylinders	8
Configuration	90°V
Bore and stroke	104.1x99.1mm (4.1x3.9in)
Cubic capacity	6.75 litres (411.91in ³)
Compression ratio	9.0:1
Tappets	Self-adjusting hydraulic
Cylinder block material	Aluminium-silicon alloy
Cylinder liners	Wet, cast iron
Cylinder head material	Aluminium alloy
Crankshaft bearings	
Number	5
Carburettor(s)	25U HIF7
Fuel octane	98
TRANSMISSION	
Type	Automatic
Coupling	Torque converter
Ratios 3	1.00:1
2	1.50:1
1	2.50:1
R	2.00:1
Gear change	Electric, lever on steering column
FINAL DRIVE	
Type	Hypoid
Ratio	3.08:1
Road speed per 1000 rpm	42.3km/h (26.3 mile/h)
ELECTRICAL	
Voltage	12 (negative earth)
Battery capacity	68 amp/hr
Alternator	CAV AC5812 53 75 amp
Fuses	9x20 amp, 10x10 amp
	Thermal cut-outs for head-lamps, gear range selector, central door locking, air conditioning fans, seat motors and windows

CHASSIS

Construction	Integral, front and rear sub-frames
Brakes	Front Diameter 279mm (11.0in) Rear Diameter 279mm (11.0in) Circuits 2 powered hydraulic
Parking brake	Manual, separate caliper to each rear disc
Steering	Rack and pinion, power assisted
Turns lock to lock	3.25
Turning circle	11.9m (39.0ft)
Suspension	Front Independent: lower wishbone, upper stabilised lever, anti-roll bar Rear Independent: semi trailing arm, anti-roll bar, automatic ride height control
Tyres	Type Size Radial-ply HR70 HR15 or 235/70 HR15
CAPACITIES	
Fuel tank	108 litre (23.75 imp gal)
Engine sump with filter	9.4 litre (16.5pt)
Transmission	10.6 litre (18.6pt)
Final drive	2.6 litre (4.5pt)
Cooling system	16.0 litre (28.5pt)
Hydraulic systems	4 litre (7pt)
Air conditioning refrigerant	1.25kg (2.75lb)
Steering system	0.74 litre (1.33pt)



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