



Bentley T2



SPECIFICATION

Bentley T2®

Five seat, four door saloon of steel integral construction. Wrap around energy absorbing bumpers with hard polyurethane inserts. Individual front seats electrically adjustable for height, tilt and fore and aft movement. Squab manually adjustable. Upholstery in English hide. Deep pile carpet. Lambswool rugs. Walnut veneer fascia and garnish rails. Vanity mirrors in rear quarters. Headrests to rear seats. Instruments: electronic speedometer, electric clock, ambient air temperature gauge, combined ammeter, coolant temperature gauge, oil pressure gauge and fuel/sump level gauge. Warning lamps for low pressure in hydraulic system, low hydraulic fluid level, stop lamp bulb failure, low fuel level, seat belt reminder, icing conditions, parking brake, oil pressure, ignition. Automatic speed control system (electronic), controlled from switch on gear range selector lever.

Engine

6750cc (412cu in) 90° V8 cylinders with overhead valves and hydraulic tappets. Bore 104.1mm (4.1in), stroke 99.1mm (3.9in). Compression ratio 7.3:1. High silicon content aluminium alloy cylinder block with cast iron wet liners, aluminium alloy cylinder heads. Hardened steel crankshaft runs in five main bearings. Full flow oil filter canister. Cooling system pressurised to 1.05kg/sq cm (15lb/sq in).

Water pump mounted 7 blade fan with electric booster fan forward of radiator. Electronic ignition. Twin exhaust system with stainless steel silencers and catalytic converters. Air injection system and exhaust gas recirculation.

Fuel system

Two SU HIF7 carburettors with automatic mixture enrichment, Pierburg fuel pump. Fuel evaporative loss system. 22½ US gallons (85 litre) fuel tank, positioned to prevent rupturing or loss of fuel, in an accident.

Transmission

Three speed automatic transmission with torque converter. Electric gear range selector. Single piece propeller shaft. Hypoid bevel final drive. Overall ratios: 1st 7.70:1, 2nd 4.62:1, 3rd 3.08:1, reverse 6.16:1. Top gear speed at 1000rpm: 42km/h (26.2mph).

Suspension

Front: independent by lower wishbone, stabilised upper lever, coil springs and telescopic dampers. Anti-roll bar. Rear: independent by trailing arms, coil springs and telescopic dampers. Anti-roll bar. Automatic ride height control.

Steering

Power assisted rack and pinion. Overall ratio: 17.5:1. Turns lock-to-lock: 3.2. Turning circle

kerb-to-kerb 11.73cm (38.5ft)/38.6cm (15.2in) diameter steering wheel with swash collapse.

Wheels and tyres

38cm (15in) diameter steel disc wheels, five handed studs per wheel. HR70 HR15 or 235/70 HR15 low profile radial ply tyres.

Brakes

28cm (11in) diameter discs (ventilated at front) on all four wheels. Two separate hydraulic circuits pressurised by engine driven pumps to 175.8kg/sq cm (2500lb/sq in). Mechanical foot operated parking brake.

Air conditioning system

Rolls-Royce Motors automatic air conditioning with separate temperature control for upper and lower systems. Swivelling ventilators and central air outlet on fascia. Stale air extraction via luggage boot to atmosphere. System automatically controls rear window demister.

Electrical equipment

12v negative earth fully fused. 75 amp alternator, 68amp/hr battery. Pre-engaged starter motor. Two 37 watt sealed beam main headlamps and two 50/37 watt sealed beam dip headlamps with safety circuit to give dip if main beam fails. Hazard warning system. Parking lamps at front, combined parking, reversing and stop lamps at rear. Windscreen

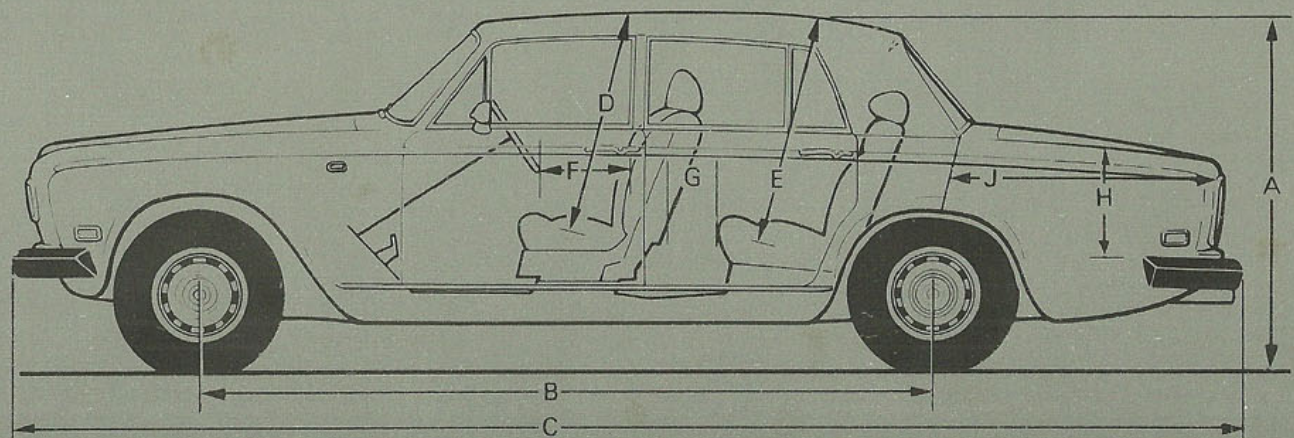
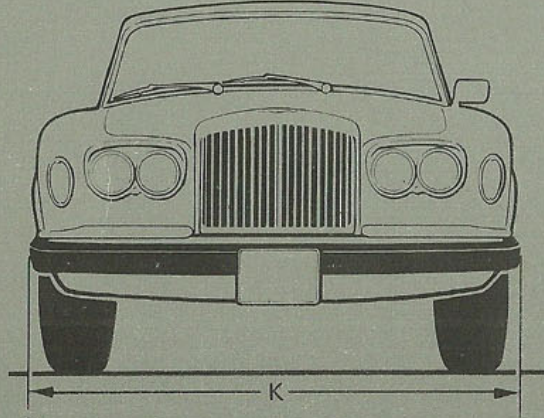
washers, with wash-wipe system, two speed and delay wipers. Electrical operation of gear selection, front seat adjustment, windows, centralised door and boot locking system, radio aerial, petrol filler flap. Interior courtesy lamps with 7 second delay.

Audio equipment

AM/FM stereo radio, stereophonic tape playing equipment, four speakers with front-rear balance control.

Dimensions

	cm	in		cm	in
A	152	59.75	F	34	13.5
B	305	120.1	G	30	12
C	527	207.5	H	41	16
D	91	36	J	86	34
E	93	36.5	K	182.7	71.9
Overall seat widths				124	49
Interior width				140	55
Boot width				135	53



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