



Corniche



Rolls-Royce Corniche saloon®

Four seat, two door saloon. Coachwork of steel integral construction by Mulliner Park Ward. Boot lid, bonnet and doors of aluminium alloy. 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 and electrically released for easy access to rear seat. Adjustable front seat head restraints. Headrests to rear seat. Upholstery in English hide. Deep pile carpet and nylon rugs. Cloth headlining. Walnut veneer fascia and garnish rails. Door rear view mirror adjustable from car interior. Inertia reel lap and diagonal front seat belts. Instruments: electronic speedometer, 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 systems, low hydraulic fluid level, low coolant level, low washer fluid, stop lamp bulb failure, low fuel level, seat belt reminder, icing conditions, parking brake, oil pressure, ignition. Automatic speed control (electronic), controlled from switch on gear range selector lever.

Rolls-Royce Corniche convertible®

As for saloon but with power operated hood in Everflex with cloth lining. Rear seat headrests not fitted.

Engine

6750cc (412 cu 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 bladed fan with electric booster fan forward of radiator. Electronic ignition. Twin exhaust system with catalytic converters, stainless steel silencers. Air injection system with exhaust gas recirculation.

Fuel system

Twin SU HIF7 carburettors with automatic mixture enrichment for cold starting. Pierburg fuel pump. Fuel evaporation loss system 23.5 US gallons (85 litres) fuel tank positioned to prevent rupturing or loss of fuel.

Transmission

Three speed automatic transmission with torque converter. Electrical 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, 42 km/h (26.2 mph).

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 11.73m (38.5ft). 39.4 cm (15.5 in) 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 (2,500lb/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 top to atmosphere.

Electrical equipment

12v negative earth fully fused 55amp 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.

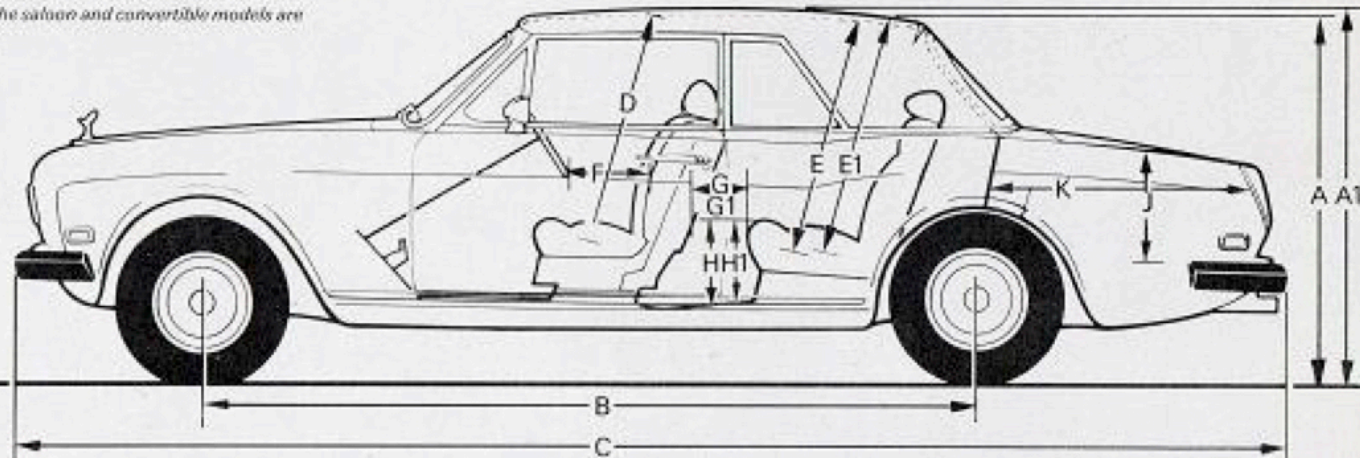
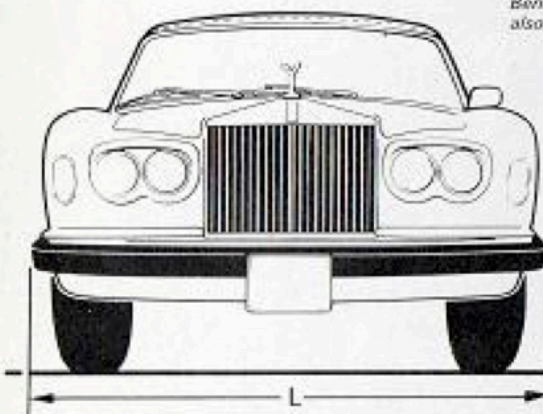
Hazard warning system. Parking lamps at front, combined parking, reversing and stop lamps at rear. Windscreen washers with wash-wipe system, two speed and delay wipers. Electrical operation of gear selection, front seat adjustment, front squab release, windows, centralised door and boot locking system, 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

Saloon	cm		in		Convertible	cm		in	
	A	B	C	D		A1	B	C	D
A	149	305	527	91	A1	152	305	527	91
B	58.75	120	207.5	36	B	59.75	120	207.5	36
C	86	34	41	25	C	89	35	41	23
D	41	16	16	10	D	41	16	16	10
E	38	15	15	8	E	38	15	15	8
F	86	34	86	34	F	86	34	86	34
G	183.6	72.3	183.6	72.3	G	183.6	72.3	183.6	72.3
H	121	47.5	114	45	H	114	45	114	45
I	137	54	137	54	I	137	54	137	54
J	135	53	135	53	J	135	53	135	53



Bentley Corniche saloon and convertible models are also available.