

450 SL

The more powerful of two SL models the 450 SL has a 4.5 litre V8 engine. Output is 217 DIN/hp, acceleration 0-60 in under 9 seconds and top speed 131 mph.

Three-speed automatic transmission is standard and a starting torque compensation device prevents the tail end from dipping under acceleration. The hard top is detachable and there is a retractable soft top beneath the rear cowling. Other features include fog lamps front and rear and headlamp washer/wipers.



450 SL

Basic Equipment

Engine

V8 engine with fuel injection and transistorised ignition. 217 DIN/hp at 5,000 rpm, 160 kW at 5,000 rpm.

Transmission

Automatic 3-speed transmission with torque converter and floor shift.

Axles

Front axle: double wishbones with anti-dive control. Rear axle: diagonal swing axle with anti-dive control and starting torque compensation.

Suspension

On both front and rear axle two coil springs, one anti-roll bar, two double-action hydraulic telescopic shock absorbers.

Brakes

Dual-circuit power braking system; disc brakes all round; ventilated brake discs at the front; rims with turbo blades for additional cooling. Parking brake with extra brake shoes and brake drums; indicator lamp for the functioning of both brake circuits. Warning light for front brake pad wear.

Steering

Precise, light Mercedes-Benz power-assisted steering; large padded steering wheel boss; impact absorber under the padded boss; steering column "telescopes" on impact; steering box located well behind the front axle.

Bodywork

Frame-floor unit firmly welded to the body; doors easy to close; detachable hard top, retractable soft top; two children's seats at the rear optional extra; fuel tank over rear axle; impact-absorbing front and rear sections; good all-round vision; panoramic safety glass windows.

Seats

Seating anatomically contoured, firmly anchored, shaped to give hip support; seat springing, vehicle suspension and sitting position carefully co-ordinated; seats adjustable forwards and backwards; infinitely adjustable backrest; backrest locking device; headrests fitted on both seats.

Heating and ventilation

Continuous warm or cold air flow, dust and draught-free, with additional blower for windscreen, side windows, front and rear footwells. Air volume and air distribution for warm and cold air infinitely variable up and down. Heating controlled separately for right and left sides. Infinitely adjustable, wide-range spherical vents for warm and cold air on the right and left of the dashboard. Cold air openings in the middle of the dashboard, infinitely adjustable to right and left. Air ducts for warm or cold air in both doors. Continuous extraction of stale air through slits beneath the rear windscreen. Rapid demisting of the rear window.

Windscreen

Laminated safety glass; electrically operated windscreen washer unit; two-speed windscreen wipers operated by the combination switch on the steering column; combination switch also includes intermittent control for the wipers.

Lighting system

Halogen headlights, high and asymmetric low beam, halogen fog lamps; side lights, reversing lights, standard rear fog lamps, integrated in the rear light unit, with extra switch and control lamp on the main light switch. Infinitely variable instrument lighting; floor level light with door contacts and hand switch; map reading light; lighting for boot, heater controls and glove compartment; the light for the glove compartment is a removable torch, the battery of which is charged via the electric wiring system. Wash/wipe unit on headlamps.

Instruments

Instrument panel padded, yields under impact; speedometer; oil pressure gauge, fuel gauge; water temperature gauge; warning lights for parking brake, ignition, indicators, high-beam, brake pad wear and fuel reserve; quartz-controlled clock; mileage recorder; daily mileage recorder. Rev counter standard.

Signalling system

Headlamp flasher; self-cancelling indicators with fingertip contact for overtaking, operated by the combination switch on the steering column; high frequency horn; brake lights; hazard warning system.

Locks

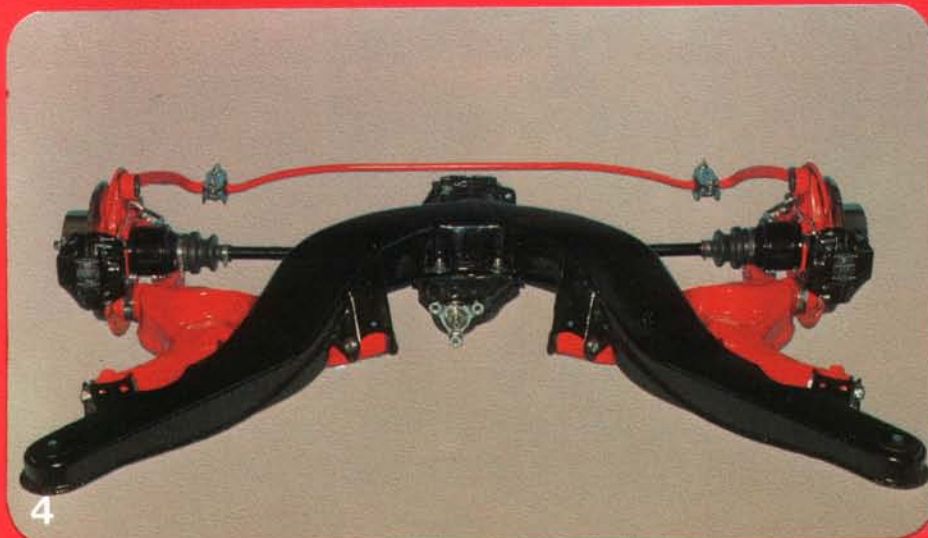
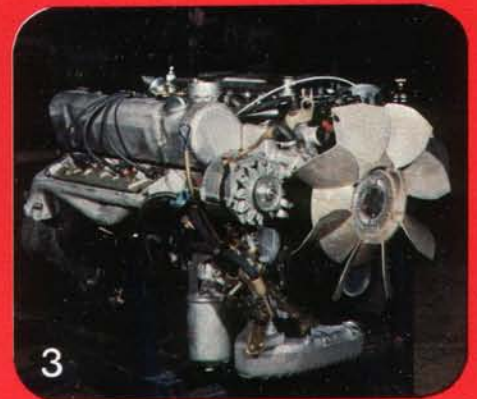
Safety locks on doors; lockable glove compartment; luggage compartment lock; steering wheel lock, combined with ignition lock, starter and starter non-repeat unit. Master key for doors, ignition lock, glove compartment, filler cap and boot. Second key only for doors, ignition lock and fuel tank (one key system).

Miscellaneous

Outside mirror adjustable from inside the car; oddments tray between the seats; pockets on doors; glove compartment; rear-view mirror, adjustable to anti-glare position; padded sun visors, with make-up mirror on passenger side; padded armrests on doors; cigar lighter; ashtray at the front in the centre console; front floor, rear floor and tunnel covered with carpet; towing lugs front and rear; warning triangle.

The contents are not binding and the right of modification is reserved.





1 3-speed automatic transmission with torque converter is standard equipment on the 450 SL. You select a gear instead of changing. You can pay undivided attention to traffic. For example by kick-down (pressing the accelerator pedal down beyond full throttle position), the car is shifted down into the most suitable gear for overtaking. After overtaking, shifting to the higher gear takes place automatically.

2 The extremely strong roof pillars and the upper edge of the windscreen are thickly padded for safety reasons.

3 The 4.5 litre fuel-injected V8 engine with transistorised ignition. Knowing how powerful this engine is, the driver can react coolly and with consideration.

4 An anti-squat device is incorporated into the rear axle to accommodate the high engine output. Dipping of the rear end during acceleration is virtually eliminated. In addition, the rear end is held down under braking.

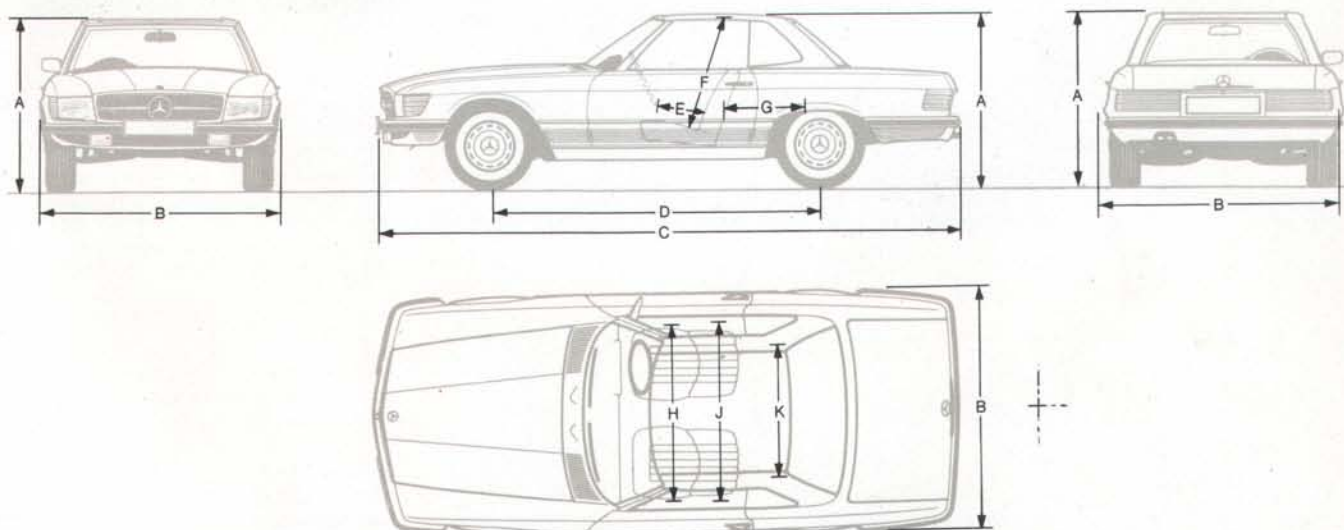
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Technical Data

Number of cylinders	8
Bore/Stroke	92/85 mm 3.62/3.35 ins.
Total displacement	4520 c.c. 275.8 cu. ins.
Engine output acc. to DIN ¹⁾	217 DIN/hp at 5,000 rpm 160 kW at 5,000 rpm
Max. torque acc. to DIN ¹⁾	36.7 mkg at 3,250 rpm 360 Nm at 3,250 rpm
Compression ratio	8.8:1
Oil capacity crankcase max./min.	7.5/5.5 litres 13.2/9.7 Imp. pts.
Capacity of cooling system	15 litres 26.4 Imp. pts.
Generator	14 V/55 A
Battery	12 V/66 Ah
Max. speed	approx. 210 kph approx. 131 mph
Tyres	205/70 VR 14
Fuel	Premium
Fuel consumption acc. to DIN 70 030 ²⁾	14.5 litres/100 km 20 m.p. Imp. gal.
Tank capacity incl. reserve	90 litres approx. 19.8 Imp. gals. 13 litres approx. 2.9 Imp. gals.
Weights	
Kerb weight ³⁾	1580 kg
Permissible total weight	2000 kg
Trailer load with brake ⁴⁾	1200 kg
Trailer load without brake ⁴⁾	750 kg

A Overall height, unladen	1290 mm	50.8 ins.
B Overall width	1790 mm	70.5 ins.
C Overall length	4390 mm	172.8 ins.
D Wheelbase	2455 mm	96.7 ins.
E Steering wheel – driver's seat backrest ⁵⁾	488 mm	19.2 ins.
F Seat height, unladen	928 mm	36.5 ins.
G Driver's backrest – rear panel ⁵⁾	480 mm	18.9 ins.
H Overall seat width	1310 mm	51.6 ins.
J Width at shoulder height	1348 mm	53.1 ins.
K Width rear compartment	970 mm	38.2 ins.
Track width, front	1452 mm	57.2 ins.
Track width, rear	1440 mm	56.7 ins.
Turning circle diameter	10.34 m	33.9 ft.
Boot space	approx. 0.26 cu. m.	approx. 9.2 cu. ft.

⁵⁾ Dimensions vary according to sitting position.



¹⁾ The output given in DIN/hp or kW is effectively available at the clutch for driving the vehicle, any other power consumption has already been deducted. The data given in SI units (kW = kilowatt, Nm = Newton metre) has been converted and rounded off to the nearest unit.

²⁾ Technical data acc. to DIN 70 020 and 70 030. Fuel consumption according to DIN 70 030. This value is obtained at a consistent speed of 110 kph (68 mph) on an even road, plus 10%.

This method is used by all automobile manufacturers in the Federal Republic of Germany. The consumption values quoted are therefore calculated under the same conditions and provide a real

basis for comparison. However, they do not correspond to the actual amount of fuel consumed, as this varies according to the way of driving, road and climatic conditions, etc. Fuel consumption according to DIN 70 030 is therefore only a comparative value and not the actual amount of fuel consumed.

³⁾ The figure for kerb weight applies to standard version vehicles. Special equipment increases this figure.

⁴⁾ The weights quoted are maximum weights, valid within the Federal Republic of Germany.

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