

**Mercedes-Benz**

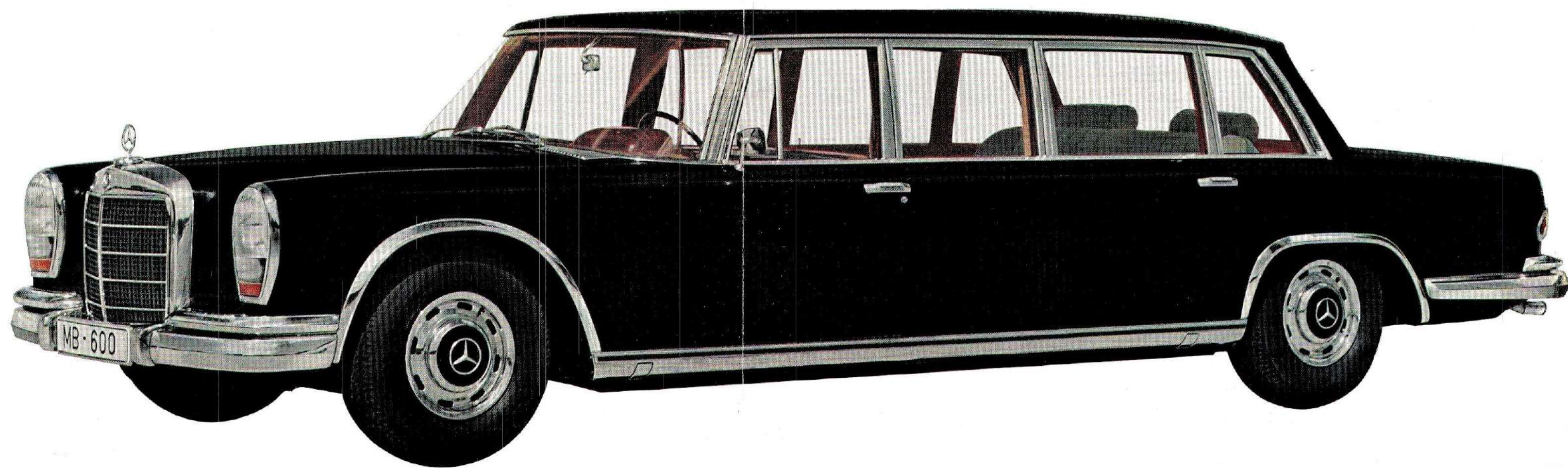
**600**

*The Grand Mercedes'*



*"The  
Mercedes-Benz 600  
proved  
to our complete  
satisfaction  
that it is  
the best car  
in the world."\**





# *Mercedes-Benz 600*

The reputation of 'The Grand Mercedes' in the international circle of exclusive cars rests upon its technical conception, its performance and its equipment. Its refinement, advanced design, safety and extraordinary comfort have no equal. In its exterior styling it avoids unnecessary ornamentation and passing fashions in order to achieve a timeless elegance.

Two basic types of the Mercedes-Benz 600 are available: the 5-6 seat Sedan, with a wheelbase of 126" (3,200 mm), which can be supplied with a central division; and the Seven Passenger Limousine, wheelbase 153.3" (3,900 mm), with central division and a choice of either four doors with two backward-facing seats in the rear, or six doors with two forward-facing folding seats in the rear. The two latter choices are offered principally to meet the needs of heads of state, industry and other people of eminence having considerable public responsibilities.

'The Grand Mercedes' demonstrates to the world the enterprise of Daimler-Benz AG and their unparalleled achievements in modern automobile engineering.

# *The Interior*

In designing 'The Grand Mercedes', Daimler-Benz laid down certain guiding principles: a very high standard of comfort for both driver and passengers with generous space, the best possible suspension, individual seat-adjustment, infinitely variable ventilation, heating and – when desired – air conditioning, silence, and the virtual elimination of manual effort. Every means of achieving a high standard of comfort has been employed.

In addition to the comprehensive, high quality appointments, there is a push-button, hydraulically powered system controlling most manual functions.

In the photograph, the interior of the 5–6 seat Sedan is shown. The two anatomically shaped seats, each with folding center armrest, are fully adjustable by means of the push-button hydraulic controls. Moreover, the driver can adjust the position of the steering wheel to his individual requirements.

Commenting on this, the Swiss journal "Automobile Revue" wrote: "Thus the driver enjoys the benefits of made-to-measure seating, resulting in relaxed and complete control of the car".

The unobtrusive and clearly laid-out instrument panel matches the standard of the interior appointments. The use of rare wood, fine leather and velours upholstery fabrics contribute to the atmosphere of comfort and elegance.



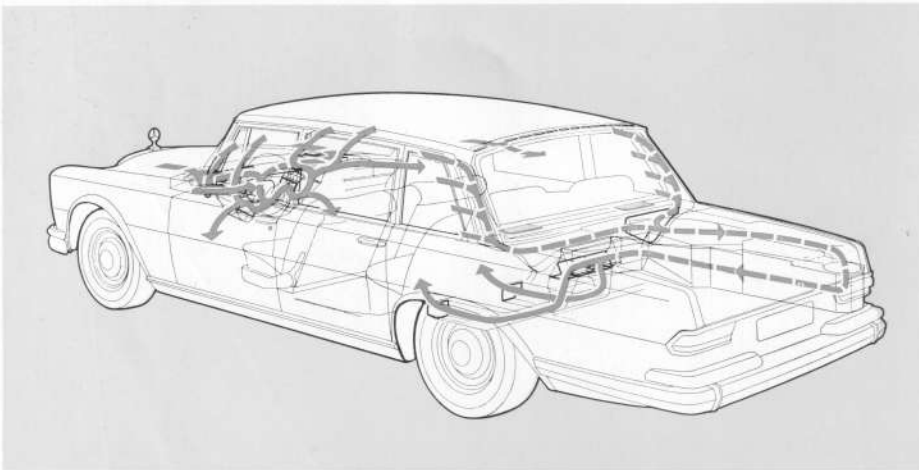


In the rear there is a spacious bench-seat with a folding armrest and also headrests.

As with the front seats, its position is controlled at the touch of a button. It can be adjusted from an upright to a reclining position automatically.

The opening and closing of windows, too, is operated by push-button control, ensuring effortless, silent movement. These controls can, of course, be operated at the wish of either the driver or passengers. To ensure freedom from mist or icing, the rear window incorporates electrical heating

elements. And to avoid dazzling sunshine or headlights, the rear window and adjacent side windows are fitted with curtains. The central dividing screen can be raised or lowered hydraulically by either the driver or passengers. The optional sliding roof is controlled in the same manner. Heating, ventilation, air-flow and the optional air-conditioning merely require the setting of a selector by the driver. The temperature is thereafter maintained at the required level automatically. In hot weather, additional ventilation is provided by a booster fan.





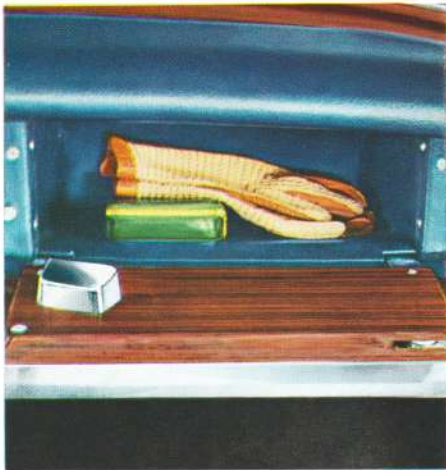
The rear of the 5-6 seat Sedan  
without center division



The rear of the 5—6 seat Sedan  
with central partition



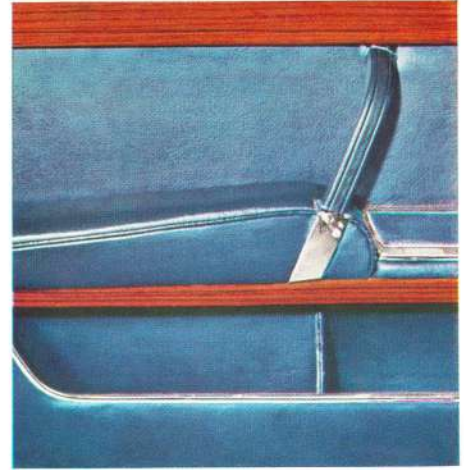
Rear of the Limousine  
with facing seats



1



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4



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The carpeted trunk has been designed for the safe storage of large luggage loads. A set of special suitcases, consisting of 3 large cases, 2 medium ones, a hatbox and one week-end case, can be supplied. The spare wheel is accommodated in a separate, closed compartment. After the loosening of a wheel retaining nut, removal of the wheel is spring assisted.

- 1 The spacious lockable glove box on the front passenger side is illuminated. On opening, a map reading lamp on the underside of the lid switches on.
- 2 The additional central shelf under the dash-board provides further space for oddments.
- 3 The cocktail cabinet in the partition of the 5-6 seat Sedan, with shelf above. To the right and left of this, a folding table with glare-free lighting.

- 4 In the 6-door Limousine with folding seats the center partition has an additional shelf on both sides.
- 5 For personal requisites within easy reach at all times, there are generous leather covered door pockets.
- 6 In the Seven Passenger Limousine, with facing rear seats, the cabinet is located between the two single seats, the door serving as a table.



Rear of the 6-door Limousine  
with folding seats



1



4



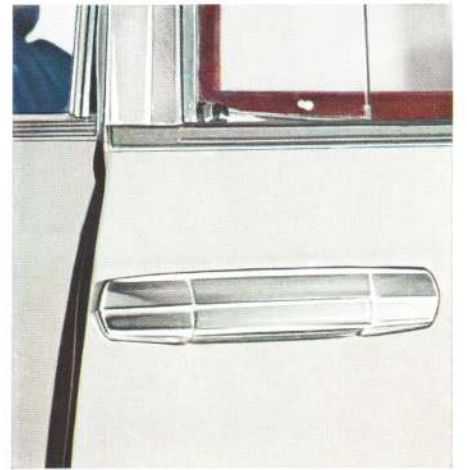
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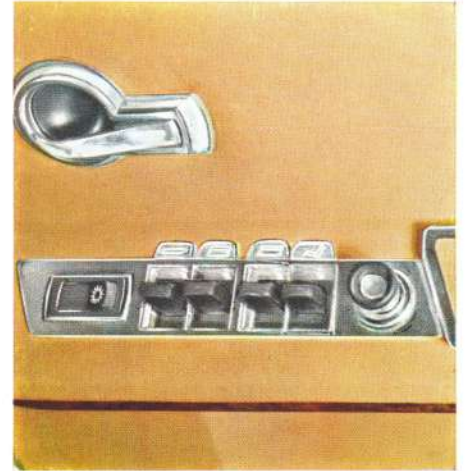
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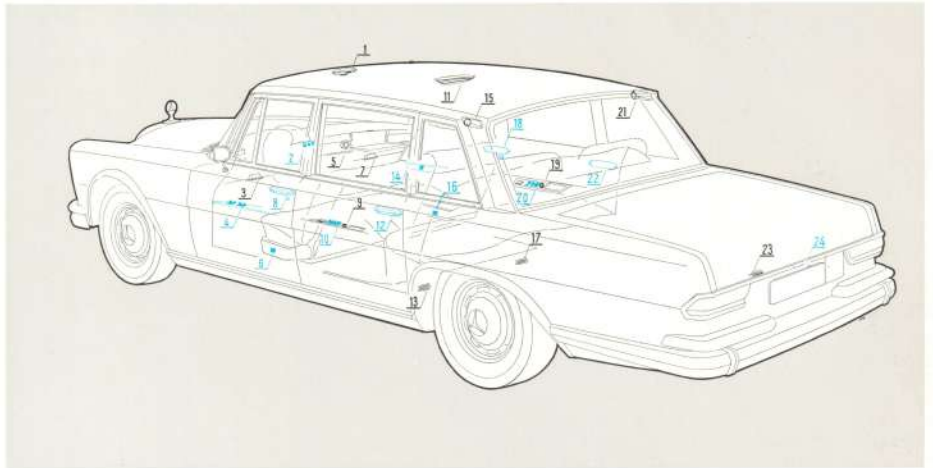


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# *Ample space for your luggage*

- 1 In the 5–6 seat Sedan without central partition, both front seats are fully adjustable horizontally and vertically by a single button. The same button adjusts the angle of the backs of these seats down to the horizontal. In limousines with central partition, the horizontal front seat adjustment is hand operated.
- 2 To ensure the comfort of both tall and short drivers the position of the steering wheel can be adjusted after turning the padded wheel boss.
- 3 The rear seat is hydraulically adjustable. The seat can be moved forward and the reclining back adjusted to the desired angle.
- 4 A lever on the steering column adjusts the shock absorbers to meet the variations in different road surfaces.
- 5 With this pull button, road clearance can be increased while driving by 2.0" (50 mm), when required.
- 6 A selector on the dashboard governs the heating, ventilation and air flow (air conditioning is optional). Louvers on the air-intake grill in front permit directional control of the air stream.
- 7 The parking brake is foot operated. When driving off from standstill, this brake is released automatically. It can also be released by means of a small hand lever.
- 8 The lightest touch is sufficient to close the doors silently. They are hydraulically assisted and close securely. Locking the driver's door automatically locks all doors, the trunk lid and the filler cap.
- 9 The illustration shows one of the control panels of the hydraulic push-button system. Unlike the more widely used electrically operated systems, the hydraulic system has the advantage of greater reliability and safety. In addition, its operation is completely silent.



#### Lighting

- 1 Courtesy light and map reading light either door operated or by switch on the lamp.
- 3 Foot-well light at front left-hand side.
- 5 Glove box light.
- 7 Foot-well light at right.
- 9 Light for push-button cigar lighter and ashtray in left rear door.
- 11 Roof light.
- 13 Foot-well light rear left.
- 15 Reading lamp, rear left.
- 17 Door-operated foot-well light, rear right.
- 19 Light for push-button cigar lighter and ashtray in right rear door.
- 21 Adjustable reading light, rear right.
- 23 Trunk light.

The door operated interior lights switch off approximately 10 seconds after the doors are closed.

#### Press-button system

- 2 Automatically operated sliding roof and glass screen in center partition.
- 4 Front window left, front window right, rear window left, rear window right.
- 6 Driving seat adjustment.
- 8 Front left door lock. Control locking device for all doors' inside and outside.
- 10 Glass screen central partition; left rear window; rear seat adjustment.
- 12 Lock of left rear door.
- 14 Front right window.
- 16 Front right seat adjustment.
- 18 Front right door lock.
- 20 Sliding roof, right rear window, rear seat adjustment.
- 22 Right rear door lock.
- 24 Trunk lid lock.



# *Safety and Comfort*

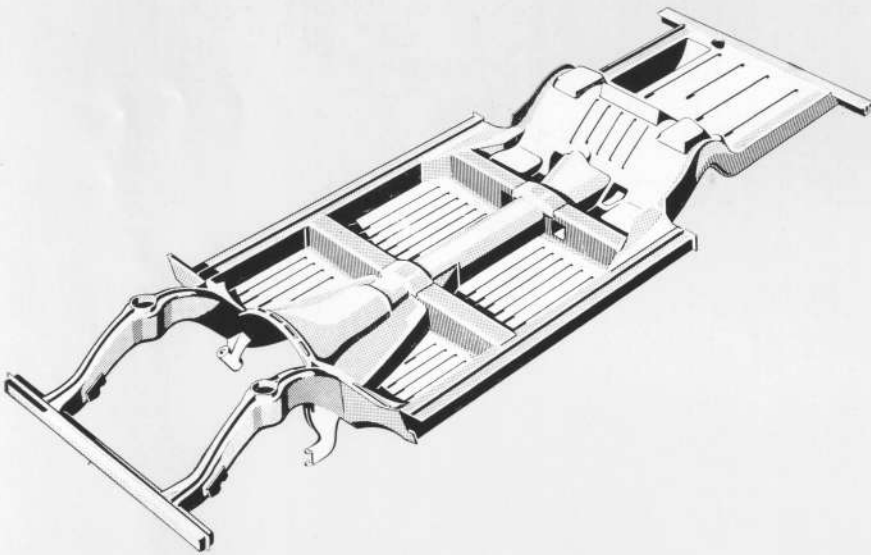
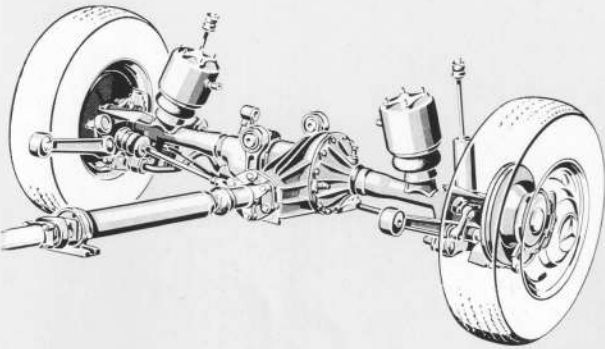
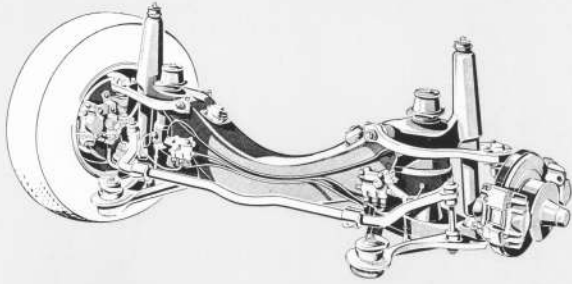
'The Grand Mercedes' combines the traditional Mercedes qualities of high performance, safety and comfort, to a higher degree than any other fine car. Leading test drivers have acclaimed it in the following words: "We spoke of the sportscar-like driving characteristics of 'The Grand Mercedes'. In fact, many sportscar manufacturers would be more than pleased if their cars could take corners as fast, effortlessly and safely..." The superb ride and road holding of the Mercedes-Benz 600 are the result of long experience and the development of a very advanced suspension

system. The principles of the design of this suspension have been proved and convincingly demonstrated in the Mercedes-Benz 300 SE.

The Daimler-Benz 4-speed automatic transmission fitted to 'The Grand Mercedes' changes gears quickly, smoothly and always at the correct speed. An over-ride selector on the steering column allows the driver to revert to manual gear changes whenever he wishes. Effortless control when manoeuvring, parking, or turning at low speed, is achieved through the use of Daimler-Benz power-assisted steering. Yet the steering

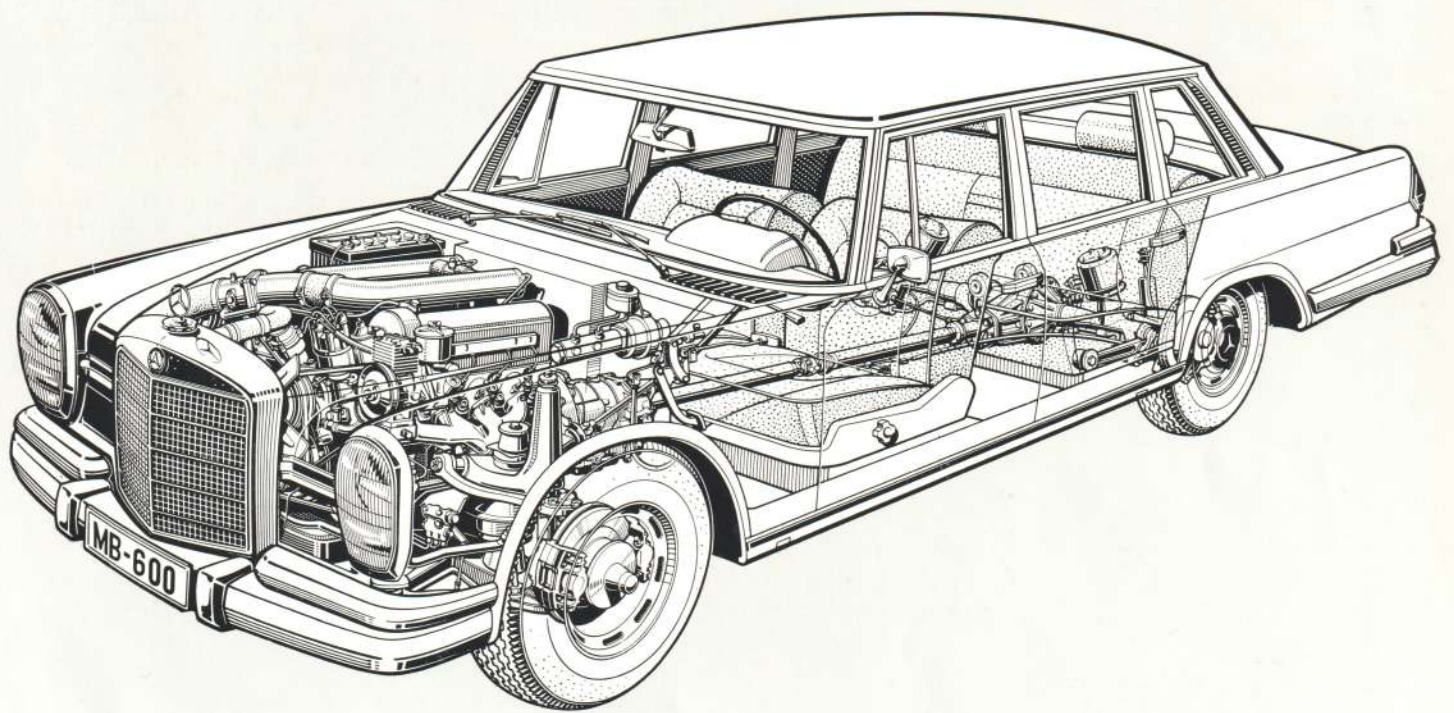
always retains the sense of "feel" essential to safe driving at speed. A twin-circuit servo-assisted brake system, with discs all round, ensures absolutely safe, dependable stopping power. Two brake calipers operate on each of the front discs. Air-suspension gives 'The Grand Mercedes' outstanding ride comfort and maintains the car at a constant height, irrespective of load. The road clearance can be adjusted while moving to suit different surface conditions. Shock-absorbers, fitted close to the wheels, are adjustable to ensure the greatest comfort at all times.

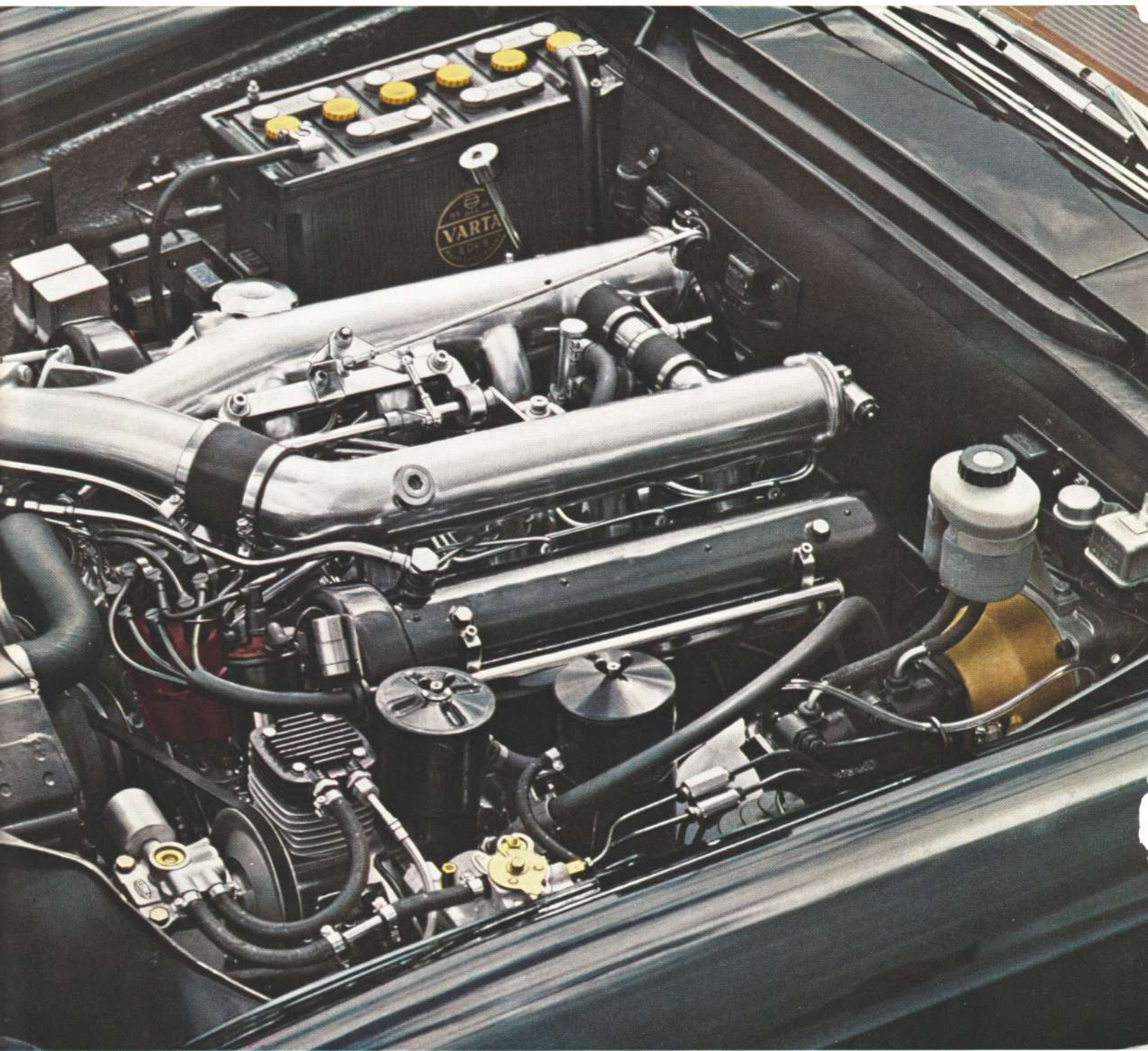




A differential lock automatically compensates for any variations in the road adhesion of the right and left rear wheels. This ensures balanced power transmission through both rear wheels at all times. In designing the power unit for the Mercedes-Benz 600 our engineers had to fulfill a long list of requirements. First there must be ample power in reserve to give the car outstanding acceleration ability, "power to spare" to provide for the operation of the hydraulic equipment and to ensure silence and flexibility at all engine speeds. Compactness and low weight were additional considerations which had to be weighed. It was decided to use an 8-cylinder overhead camshaft V engine of 6,329 ccm to meet these requirements. An 8 plunger fuel injector pump was specially designed so that the well proved induction pipe fuel injection system could be incorporated. The radiator fan is engaged by a thermostatically controlled hydraulic clutch.

With this description, we have given you some idea of the characteristics of 'The Grand Mercedes' and its many technical features. All are the result of continuous development,

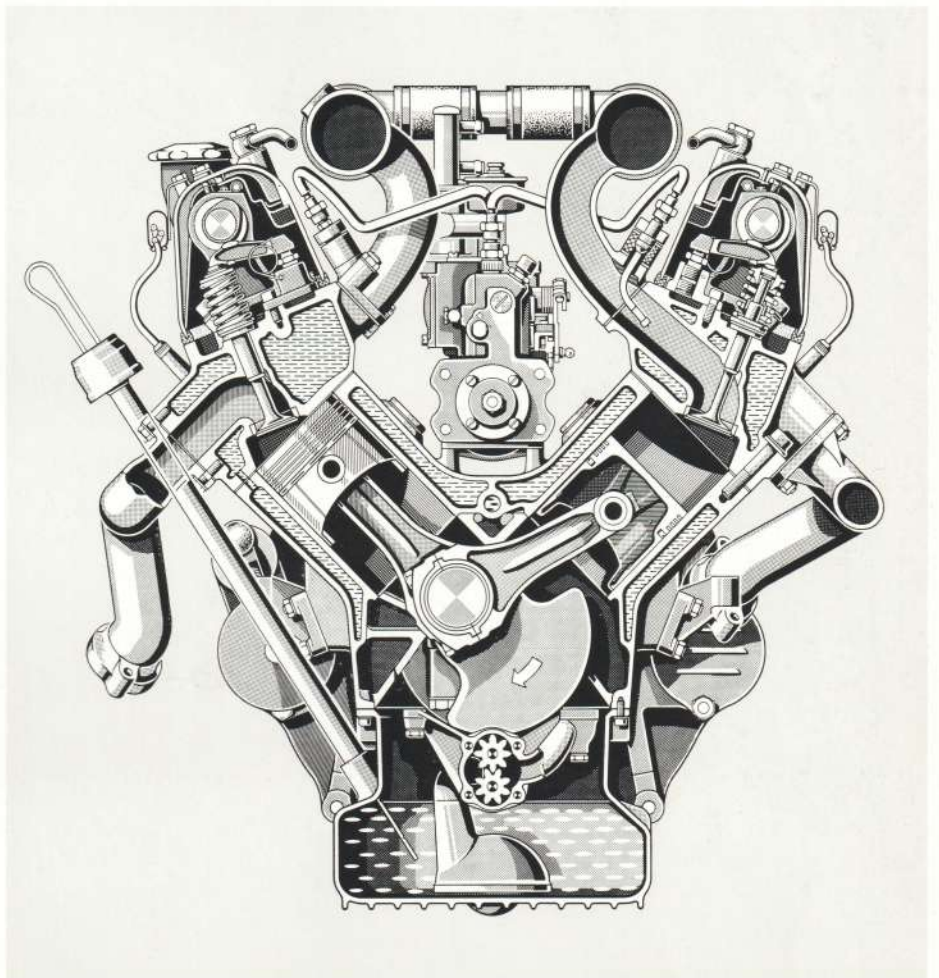






culminating in a car that takes its place in the forefront of achievement in automobile engineering. 'The Grand Mercedes' epitomises progress

to date, and in pointing the way to an even greater future for the automobile, sets new standards against which all other cars should be matched.





# Specification

# Mercedes-Benz 600 Sedan (5–6 passengers)

## Engine

Cylinders 8  
Bore/stroke  
4.06/3.74 ins. = 103/95 mm  
Swept volume  
386.26 cu. ins. = 6,329 cm<sup>3</sup>  
Power output SAE\*  
300 gr HP at 4,100 r.p.m.  
Power output DIN\*\*  
250 HP at 4,000 r.p.m.  
Max. torque SAE  
434 ft. lbs. = 60 mkp at 3,000 r.p.m.  
Max. torque DIN  
369 ft. lbs. = 51 mkp at 2,800 r.p.m.  
Maximum engine speed 4,800 r.p.m.  
compression ratio 9:1  
Engine sump capacity max./min.  
12.7–9.5 pts. = 6.0–4.5 ltr.

## Chassis

Transmission: DB automatic four speed with hydraulic clutch and selector on the steering column  
Final drive ratio 1:3.23  
Tires tubeless 9.00 H 15  
Supersport Nylon  
Battery 12 V/88 Ah  
Two three-phase current generators  
Braking system: Twin-circuit hydraulic brake system with pneumatic booster  
Disc brakes on all wheels, twin brake calipers at front  
Steering: DB power steering with automatic adjustment for wear and steering damper. Steering wheel adjustable for rake  
Rear axle: Single-joint low-pivot swing-axle and limited slip differential  
Suspension: Self-leveling air suspension, telescopic shock absorbers adjustable while moving and torsion bar stabilisers front and rear

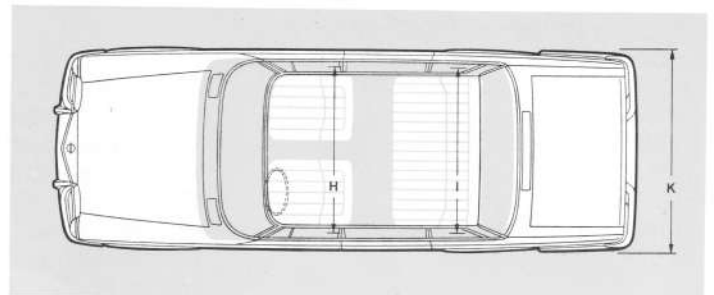
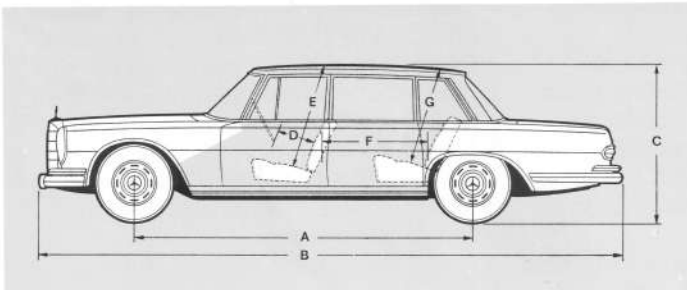
## Performance figures:

Maximum speed  
approx. 127 m.p.h.  
Acceleration from  
0–62.1 m.p.h. (100 km/h) 9.7 sec.  
Tank capacity  
29.6 gals. = 112 ltr.  
Reserve 5.0 gals. = 19 ltr.  
Fuel recommended: Super grades

## Weights

Vehicle weight 5,455 lbs. = 2,470 kg  
Permitted maximum weight  
6,725 lbs. = 3,050 kg

\* In measuring gross H. P. power required for auxiliaries has not been taken into account.  
\*\* The stated HP figure which does take account of power required for auxiliaries is the net power available at the clutch. The manufacturers reserve the right to change specifications and equipment without notice.



A Wheel base 126 ins. = 3,200 mm  
B Overall length 218 ins. = 5,540 mm  
C Height 58.5 ins. = 1,485 mm +  
increase by 2.0 ins. = 50 mm  
D Steering wheel rim to backrest  
of driving seat 13.4 ins. = 340 mm  
E Seat to roof 38.2 ins. = 970 mm  
F Rear of driving seat back to rear  
seat back 37.8 ins. = 960 mm

G Rear seat to roof 34.9 ins. = 885 mm  
H Width measured at level of window  
key front 61.8 ins. = 1,570 mm  
rear 60.4 ins. = 1,535 mm  
K Overall width 76.8 ins. = 1,950 mm  
Track front 62.53 ins. = 1,587 mm  
Track rear 62.24 ins. = 1,581 mm  
Usable luggage space  
20.5 cu. ft. = 0.58 m<sup>3</sup>  
Road Clearance min./max.  
approx. 6/7.9 ins. = 152/200 mm  
Turning circle 40.7 ft. = 12.4 m

Height with open hood  
78.7 ins. = 2,000 mm  
Height with open trunk lid  
64.6 ins. = 1,640 mm  
Width with open driver's door  
112.6 ins. = 2,860 mm  
Angle of approach = 20° 30'  
Angle of departure = 9° 30'  
Ramp angle = 11° 30'

# Basic Equipment

## Windshield

Windshield washers  
Two-speed wipers

## Rear Window

Rear window electrically heated

## Lighting

Asymmetric dim beam  
Fog lamps  
Front and rear limit lights  
Flashing direction indicators  
Parking light  
Brake lights  
Back-up lights  
Instrument lights  
dimmer-switch controlled  
Socket for inspection lamp  
(in the engine compartment)  
Light in glove box  
Map-reading light  
Trunk light  
Foot well lights, 2 in front and 2 at rear  
Roof light at rear  
2 adjustable reading lamps  
in rear roof pillars

## Instruments

Speedometer  
Tachometer  
Indicator of selector lever position  
Oil pressure gauge  
Gasoline gauge  
Engine thermometer  
Indicator lights for battery charge,  
flashing indicators, headlight beam,  
parking brake, servo hydraulic system,  
air pressure, fuel reserve  
Electric clock  
Total-mileage recorder  
Trip recorder  
Outside-air thermometer  
Pull button for level adjustment

## Signalling equipment

Air horn and two electric horns  
Additional high-volume horn available  
Automatic cancelling  
of flashing indicators

## Locks

4 hydraulically-operated  
safety door-locks  
Central control for locks on doors,  
trunk and gasoline-filler cap.  
Manual operation of all door locks  
from the inside, and of front doors and  
trunk from outside  
Steering lock combined with ignition  
switch, starter and device to prevent  
accidental starter operation  
Lock on glove box

## Hydraulic push-button system

Push-button hydraulic opening and  
closing of door windows  
Rear seat and center arm-rest fully  
adjustable hydraulically by pressing  
a button  
Front seats horizontally and vertically  
adjustable hydraulically by pressing  
a button  
Front back-rest rake infinitely  
adjustable hydraulically down to  
horizontal position by pressing  
a button  
Hydraulic adjustment of shock-  
absorbers by lever on the steering  
column

## Heating and Ventilating system

Front: Heating and ventilating system  
with 2 heat-exchangers and blower  
Rear: Heating and ventilating system  
with 1 heat-exchanger and blower  
Atmospheric pressure ventilation  
system  
Temperature selector with electronic  
control to compensate for effect of  
different driving speeds  
De-froster for side windows  
De-frosting of rear window  
by electric heating elements  
embedded in the glass

## Miscellaneous

Console tray between front seats  
Side compartments on all 4 doors  
Parcel shelf in the front over  
transmission tunnel  
Parcel net on front seat backs  
Glow-free rear-view mirror  
2 exterior rear-view mirrors  
adjustable from the inside  
2 padded sun-visors, with vanity  
mirror on passenger side  
4 hand-rails in the roof frame  
Grab-handles on all doors  
4 coat-hangers in rear (2 each side)  
Armrests on all doors  
Independent center armrests  
for each of the front seats  
Folding armrest in rear  
2 adjustable headrests in rear  
Ashtrays on all doors  
Automatic cigar-lighter on all doors  
Safety steering wheel  
adjustable for rake  
2 footrests in rear  
Curtains on rear window  
and rear side windows

## Optional extras

Center partition with hydraulically-  
operated glass screen, bar, shelf for  
vanity box, and at right and left,  
folding table with indirect lighting  
Air conditioner  
Katacolor glass  
Steel sliding roof hydraulically  
operated by push-button  
Intercommunication system driver-  
passenger compartment in limousines  
with center partition  
Headrests on front seats  
Radio with autom. aerial and remote  
control, short wave adapter  
Set of suitcases

# Specification

# Mercedes-Benz 600 Seven Passenger Limousine

## Engine

Cylinders 8  
Bore/stroke  
4.06/3.74 ins. = 103/95 mm  
Swept volume  
386.26 cu. ins. = 6,329 cm<sup>3</sup>  
Power output SAE\*  
300 gr HP at 4,100 r.p.m.  
Power output DIN\*\*  
250 HP at 4,000 r.p.m.  
Max. torque SAE  
434 ft. lbs. = 60 mkp at 3,000 r.p.m.  
Max. torque DIN  
369 ft. lbs. = 51 mkp at 2,800 r.p.m.  
Maximum engine speed 4,800 r.p.m.  
compression ratio 9:1  
Engine sump capacity max./min.  
12.7–9.5 pts. = 6.0–4.5 ltr.

## Chassis

Transmission: DB automatic four speed with hydraulic clutch and selector on the steering column  
Final drive ratio 1:3.23  
Tires tubeless 9.00 H 15  
Supersport Nylon  
Battery 12 V/88 Ah  
Two three-phase current generators  
Braking system: Twin-circuit hydraulic brake system with pneumatic booster  
Disc brakes on all wheels, twin brake calipers at front  
Steering: DB power steering with automatic adjustment for wear and steering damper. Steering wheel adjustable for rake  
Rear axle: Single-joint low-pivot swing-axle and limited slip differential  
Suspension: Self-leveling air suspension, telescopic shock absorbers adjustable while moving and torsion bar stabilisers front and rear

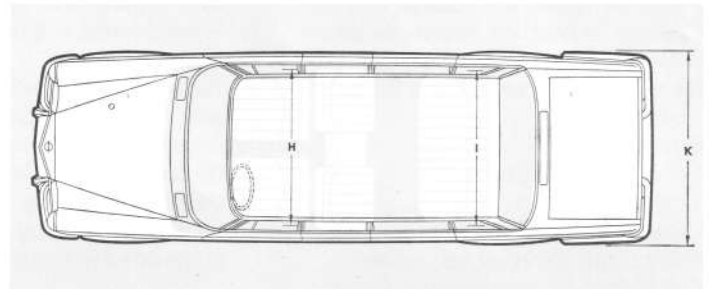
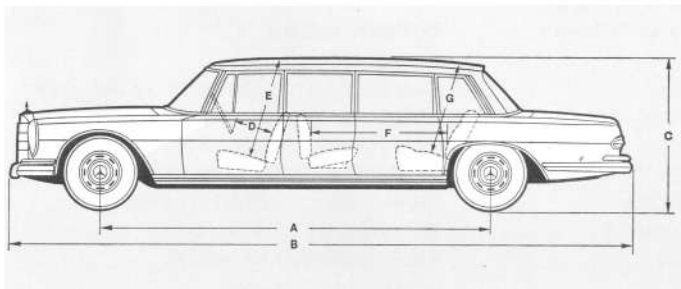
## Performance figures:

Maximum speed  
approx. 125 m.p.h. = 200 km/h  
Acceleration from  
0–62.1 m.p.h. (100 km/h) 9.7 sec.  
Tank capacity  
29.6 gals. = 112 ltr.  
Reserve 5.0 gals. = 19 ltr.  
Fuel recommended: Super grades

## Weights

Vehicle weight 5,820 lbs. = 2,640 kg  
Permitted maximum weight  
7,365 lbs. = 3,340 kg

\* In measuring gross H. P. power required for auxiliaries has not been taken into account.  
\*\* The stated HP figure which does take account of power required for auxiliaries is the net power available at the clutch. The manufacturers reserve the right to change specifications and equipment without notice.



A Wheel base 153.3 ins. = 3,900 mm  
B Overall length 246 ins. = 6,240 mm  
C Height 60 ins. = 1,500 mm + increase by 2.0 ins. = 50 mm  
D Steering wheel rim to backrest of driving seat 14.4 ins. = 365 mm  
E Seat to roof 38.2 ins. = 970 mm  
F Front edge rear backrest to front edge of vis-à-vis seat backrest 53.5 ins. = 1,360 mm

G Rear seat to roof 34.9 ins. = 885 mm  
H Width measured at level of window key front 61.8 ins. = 1,570 mm rear 60.4 ins. = 1,535 mm  
K Overall width 76.8 ins. = 1,950 mm  
Track front 62.53 ins. = 1,587 mm  
Track rear 62.24 ins. = 1,581 mm  
Usable luggage space with one spare wheel 20.5 cu. ft. = 0.58 m<sup>3</sup>  
Road Clearance min./max. approx. 6/7.9 ins. = 152/200 mm  
Turning circle 47.8 ft. = 14.6 m

Height with open hood  
78.7 ins. = 2,000 mm  
Height with open trunk lid  
64.6 ins. = 1,640 mm  
Width with open driver's door  
112.6 ins. = 2,860 mm  
Angle of approach = 20° 30'  
Angle of departure = 9° 30'  
Ramp angle = 9° 30'

# Basic Equipment

## Windshield

Windshield washers  
Two-speed wipers

## Rear Window

Rear window electrically heated

## Lighting

Asymmetric dim beam  
Fog lamps  
Front and rear limit lights  
Flashing direction indicators  
Parking light  
Brake lights  
Back-up lights  
Instrument lights,  
dimmer-switch controlled  
Socket for inspection lamp  
(in the engine compartment)  
Light in glove box  
Map-reading light  
Trunk light  
Foot well lights, 2 in front and 2 at rear  
Roof light at rear  
2 adjustable reading lamps  
in rear roof pillars

## Instruments

Speedometer  
Tachometer  
Indicator of selector lever position  
Oil pressure gauge  
Gasoline gauge  
Engine thermometer  
Indicator lights for battery charge,  
flashing indicators, headlight beam,  
servo hydraulic system, air pressure  
for suspension and brake booster,  
fuel reserve  
Electric clock  
Total-mileage recorder  
Trip recorder  
Outside-air thermometer  
Pull button for level adjustment  
Pull button for rear window heating

## Signalling equipment

Air horn and two electric horns  
Additional high-volume horn available  
Automatic cancelling  
of flashing indicators

## Locks

4 hydraulically-operated,  
safety door-locks  
Central control for locks on doors,  
trunk and gasoline-filler cap.  
Manual operation of all door locks  
from the inside, and of front doors and  
trunk from outside  
Steering lock combined with ignition  
switch, starter and device to prevent  
accidental starter operation  
Lock on glove box

## Hydraulic push-button system

Push-button hydraulic opening and  
closing of front and rear door windows  
and the central rear side windows  
Rear seat and center arm-rest  
fully adjustable hydraulically  
by pressing a button  
Hydraulic adjustment of shock-  
absorbers by lever on the steering  
column

## Heating and Ventilating system

Front: Heating and ventilating system  
with 2 heat-exchangers and blower  
Rear: Heating and ventilating system  
with 1 heat-exchanger and blower  
Atmospheric pressure ventilation  
system  
Temperature selector  
with electronic control to compensate  
for effect of different driving speeds  
De-froster for side windows  
De-frosting of rear window  
by electric heating elements  
embedded in the glass

## Miscellaneous

Console tray between front seats  
Side compartments on all 4 doors  
Parcel shelf in the front  
over transmission tunnel  
Glow-free rear-view mirror  
2 exterior rear-view mirrors  
adjustable from the inside  
2 padded sun-visors, with vanity mirror  
on passenger side  
6 hand-rails in the roof frame with  
coat-hangers in rear  
Grab-handles on all doors  
Armrests on all doors and beside  
facing seats  
Independent center armrests  
for each of the front seats  
Folding armrest in rear  
2 adjustable headrests in rear  
Ashtrays on all doors  
Automatic cigar-lighter on all doors  
Safety steering wheel  
adjustable for rake  
2 footrests in rear  
Curtains on rear window  
and rear side windows  
Center partition with hydraulically-  
operated glass screen, bar and  
2 shelves for vanity boxes. Lids over  
shelves serve as small tables for  
oddments.  
2 single seats facing rear bench seat  
or in the 6-door version  
two folding seats in driving direction

## Optional extras

Air conditioner,  
also for cooling the refreshment bar  
Katacolor glass  
Intercommunication system  
driver-passenger compartment  
Steel sliding roof hydraulically  
operated by push button  
Radio with autom. aerial,  
short wave adapter  
Set of suitcases, etc.