



Mercedes-Benz



Exterior

Owner's Manual G-class

Before you drive your Mercedes-Benz for the first time, please familiarise yourself with its various features and with the controls.

This is the purpose of your Owner's Manual.

The section headed **Exterior** describes all the controls **which are not in the interior**, the section headed **Interior** gives information about all the controls **inside the interior**, the section entitled **Driving** provides driving tips and practical advice, while the section entitled **Technical Data and Service Products** summarises important technical details of your vehicle. Other instructions may also be supplied, depending on your car's equipment.

As the car's equipment may vary depending on the options ordered with it, certain descriptions and illustrations may be different. In addition, the manufacturer reserves the right to respond to ongoing technical progress by introducing changes in design, equipment and technical features at any time.

Accordingly, no claims will be accepted on the basis of the data, illustrations or descriptions given in this Owner's Manual.

If your vehicle has certain items of equipment not illustrated or described in these operating instructions, or if you have any questions after reading this Owner's Manual, any Mercedes-Benz Service Station will gladly provide further information.

The Owner's Manual and the Service Booklet should always be kept in the car. If you have any suggestions regarding the Owner's Manual or Service Booklet, you are welcome to forward them to the address stated below. However, you must please appreciate that we are unable to include every suggestion, nor are we able to reply to every suggestion we receive.

The customer documentation team of Daimler-Benz AG, VSE/IA, Stuttgart (Germany), Fax No. +49-711-17-83427, wishes you safe and pleasant motoring.

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Environmental protection

Mercedes-Benz's declared policy is integrated environmental protection, starting at the root causes and encompassing in its management decisions all consequences for the environment which could arise the production process or from the actual products.

The objectives are for the natural resources which form the basis of our existence on this planet to be used sparingly and in a manner which takes the requirements of both nature and humanity into account.

You too can help protect the environment by operating your Mercedes in an environmentally friendly manner:

Not only fuel consumption, but also wear and tear on the engine, brakes and tyres depend to a significant extent upon driving style and operating conditions. You should therefore:

- make sure that the tyre pressures are always correct,

- avoid frequent, sudden acceleration,
- not carry any unnecessary weight in the vehicle,
- remove ski holders and roof racks when they are not needed,
- not warm up the engine while the vehicle is stationary,
- shift gears at an early point, extend engine speed to only $\frac{2}{3}$ of maximum engine speed in any gear,
- monitor fuel consumption,
- shut off the engine during standing periods due to traffic conditions.

The service operation which is due is displayed in the instrument cluster. Ensure that the specified service work is carried out regularly at a Mercedes-Benz Service Station.



This Owner's Manual contains further notes on the protection of the environment, marked with this symbol.

Control – radio, telephone, auto-pilot system and two-way radio



Risk of accident!

Please direct your attention to the traffic conditions around you as the matter of highest importance. Only operate the radio, telephone¹ or two-way radio¹ when road and traffic conditions permit.

Only enter data into the auto-pilot system when the vehicle is stationary.

Bear in mind that, even at 50 km/h (approx. 30 mph), your vehicle travels 14 m (approx. 50 feet) every second.

¹ Comply with the legal requirements in different countries.

Operation – mobile telephones and two-way radios



Risk of accident!

Operating mobile telephones or other radio telecommunications equipment with an aerial inside the car can interfere with the correct operation of the car's electronics and therefore represents a safety hazard.

Note:

Retrofitting a mobile telephone or two-way radio which does not meet the Mercedes-Benz installation specifications could invalidate the car's operating permit (EU Directive 95/54/EU). See the section headed "Retrofitting electrical/electronic equipment" on page of the **Technical Data** for notes on the installation specification.

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Safe vehicle operation



Risk of accident!

Work on or modifications to the vehicle which are not performed in a proper and workmanlike manner may cause malfunctions.

Unauthorised tampering with electronic components and the associated software may cause malfunctions. Malfunctions can also occur in systems not directly affected as the electronic components are connected together.

Such malfunctions can seriously impair the vehicle's operating safety.

We recommend that any such work or modifications be carried out by a Mercedes-Benz Service Station.

Locking system



The vehicle's equipment includes:

- Two remote control units with folding key element
- One spare remote control with pull-out key.
We recommend carrying the spare remote control in a safe but easily accessible place (for instance with your cheque cards).

Central locking and unlocking is only possible with the remote control.

Each lock can be locked and unlocked individually with the keys.

- 1 Transmitter button
- 2 Transmitter output
- 3 Release knob
Press – the key folds out of the casing.
- 4 Spare key
- 5 Remote control battery check
- 6 Receiver in interior mirror
- 7 Locking knob
Press the locking pin down – on the driver's door only when it is closed.

Drive authorisation system (immobiliser)

Important!

Remove the key from the ignition lock. The immobiliser is activated.

Insert the key into ignition lock and turn to position 2. The immobiliser is deactivated.

Note:

If the engine cannot be started and the red and green indicator lamps in the interior mirror flash alternately, there is a defect. Consult a Mercedes-Benz Service Station.

Remote control

Unlocking the vehicle:

To unlock the vehicle, direct the remote control signal transmission point at the receiver in the interior mirror and press the transmitter button.

Unlocking is confirmed by the front, side and rear turn signal lamps flashing once.

Locking the vehicle: To lock the vehicle, direct the remote control signal transmission point at the receiver in the interior mirror and press the transmitter button.

Locking is confirmed by the front, side and rear turn signal lamps flashing three times.

The battery will have to be changed, or the system will have to be synchronised if the vehicle can no longer be locked or unlocked using the remote control. See page 12 and page 14.

Closing side windows and sliding/tilting sunroof (Convenience feature)

After locking the vehicle, hold the transmitter button depressed. After approx. two seconds, the side windows and the sliding/tilting sunroof will begin to close.

For safety reasons, the operating range of the remote control is less than for locking or unlocking when doing this.

Note:

Convenience locking is not possible with the spare remote control.



Risk of injury!

Carefully monitor the locking process, so that no one is trapped.

Release the transmit button if there is a risk of anybody becoming trapped – the closing procedure is interrupted immediately.

Press and hold transmit button – the side windows and sliding/tilting sunroof will open again.

The sliding/tilting sunroof will only open again if it was not completely closed.

Before leaving the vehicle, check whether all side windows and the sliding/tilting sunroof are closed.

Loss of the remote control or the spare key

Report the loss without delay to the vehicle insurers and have the remote control invalidated by a Mercedes-Benz Service Station.

We would also recommend having the mechanical locks changed.

A replacement remote control can only be obtained through a Mercedes-Benz Service Station.

Obtaining a replacement takes time. We therefore advise you to carry the spare remote control with you whenever you are using the vehicle.

Emergency door release (front passenger door)

If the vehicle can no longer be locked and unlocked with the remote control, use the key to unlock the front passenger's door.

Fuel filler flap – emergency release

See "Unlocking the fuel filler flap manually" on page 21 if you cannot open the fuel filler flap when the car is unlocked.

Checking the batteries on the remote control

Check the batteries at regular intervals.

Press the transmitter button and hold it for longer than one second. If the battery check lamp lights up briefly – the batteries are operating correctly.

If the indicator lamp does not come on, renew the batteries.

The batteries are available from any Mercedes-Benz Service Station.

Changing the batteries on the remote control unit



Risk of poisoning!

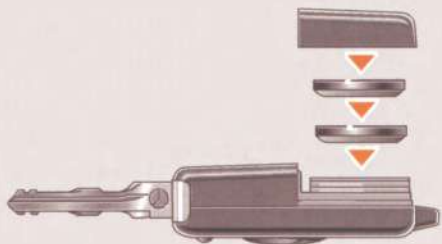
Keep batteries out of reach of children. Consult a doctor immediately if a battery is swallowed.



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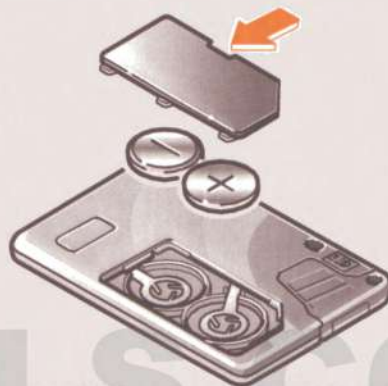
Remote control:

1. Fold out the master key and press off the battery cover (1).



P80.30-2003-26


2. Insert the batteries with the positive sign up. Keep battery contact surfaces clear.
3. Press the battery cover on until it snaps into position.



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Spare remote control

1. Press battery cover off
2. Insert the batteries. Ensure that you insert the batteries in the correct terminal positions.
3. Place battery cover on at the outside and press it on until it snaps into place.

 Dispose of used batteries in an environmentally responsible manner.

Synchronising the locking system

If the vehicle cannot be locked or unlocked, it is necessary to synchronise the locking system.

To do this direct the remote control transmitter at the receiver in the interior mirror, and press the transmitter button twice briefly. Within about 30 seconds, turn the key to position 2 in the ignition lock.

After this, the locking system will again be operational.



Tailgate

- 1 To unlock
- 2 To lock

Push locking cylinder in to open the door.



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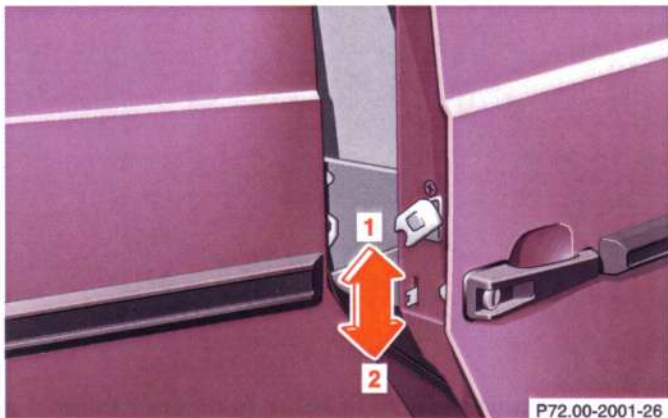
- 3** Locking knob
Press to lock in place.
- 4** To unlock
Pull handle to unlock and open door.



Risk of accident!

The tail lamps may be obstructed when the rear door is open.

Safeguard the vehicle with a warning lamp or a warning triangle.



Risk of accident!

Do not leave children unsupervised in the car. They could open a door even if it has been locked, and thereby endanger themselves and other people.

Note:

When it is unlocked, the door can still be opened from the outside (locking knob up).

Child-proof locks (rear doors and tailgate)

- 1 To release:
Slide the locking lever up.
- 2 To apply:
Slide the locking lever down.

The door can then no longer be opened from the inside.



P82.50-2002-26

Anti-theft alarm system

- 1 Indicator lamp in the switch on the oddments tray

The alarm system is operational about 15 seconds after the vehicle has been locked from the outside with the remote control. This is confirmed by the indicator lamp (1) flashing.

The alarm system is switched off when the vehicle is opened from the outside with the remote control.

Important!

The alarm will be triggered off when the alarm has been activated and a door is opened with a key.

When the alarm system has been activated, it will be triggered if

- a door is opened,
- the bonnet is opened,
- the ignition lock is actuated,
- The ignition is bridged and
- the service is actuated.

Acoustic alarm¹:

An auxiliary horn sounds intermittently for approximately 30 seconds.

Visual alarm¹:

The hazard warning lamps flash for approximately 5 minutes (double frequency).

The alarm remains in operation even if, for example, a door which has been opened is closed again immediately.

¹ There may be differences because of the legal requirements in certain countries.



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Tow-away protection

The switch is located on the oddments tray

- 1** Deactivating the tow-away protection
- 2** Indicator lamp

The alarm will be triggered off if the vehicle is towed away when the anti-theft alarm system has been activated.

Deactivating the tow-away protection

If the vehicle is to be loaded or transported on another vehicle, the tow-away protection must be deactivated to prevent false alarms.

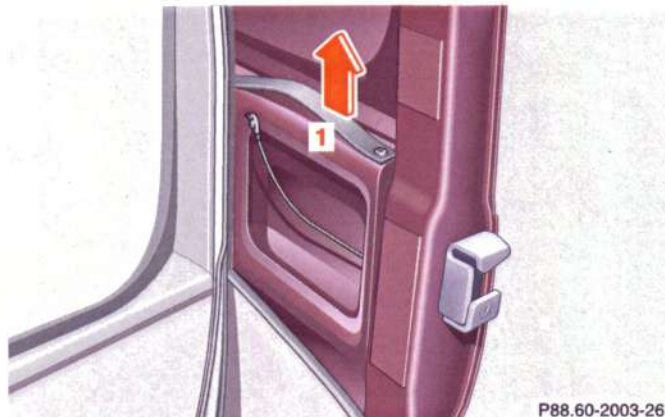
1. Withdraw the key from the ignition lock.
2. Press the top of the switch (1).
The indicator lamp (2) will light up briefly.
3. Lock the vehicle with the remote control.

The tow-away protection remains deactivated until the vehicle is unlocked centrally from the outside again.

Ski holders and roof rack

To prevent damage to the vehicle, only use ski holders and roof racks which we have tested and approved.

Observe the manufacturer's fitting instructions.



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Unlocking the fuel filler flap manually

Station Wagon, long
Station Wagon (short)

Remove edge protection and rear panel trim from right rear door pillar. Pull the strap (1) upwards until the tank flap has been released.



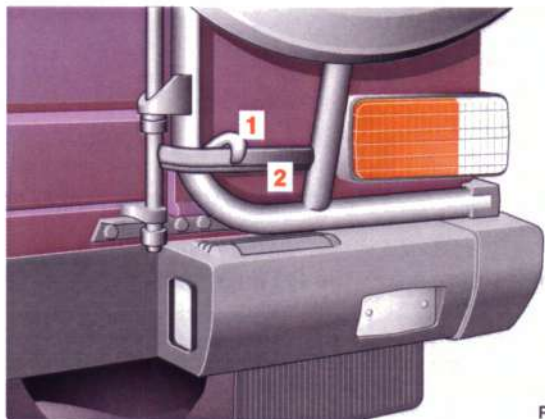
Convertible

Pull out the plug (1) in the (rear right) soft top rail with the strap, until the tank flap has been released.

Station Wagon (short) with stowage compartments

The rear panel trim securing screw in the stowage compartment must be removed before the rear panel trim can be taken off when manually releasing the fuel tank flap.

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Spare wheel bracket

To swing spare wheel outwards:
Lift safety hook (1) and pull locking lever (2). The spare wheel and mounting bracket can now be swung outwards.

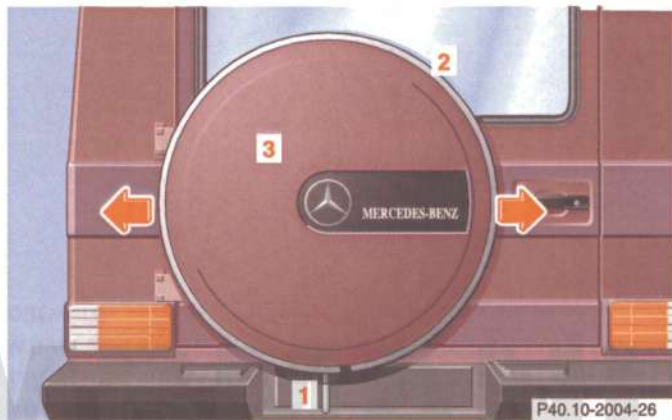


Risk of accident!

The tail lamps may be obstructed when the spare wheel is swung outwards. Safeguard the vehicle with a warning lamp or a warning triangle.

Note:

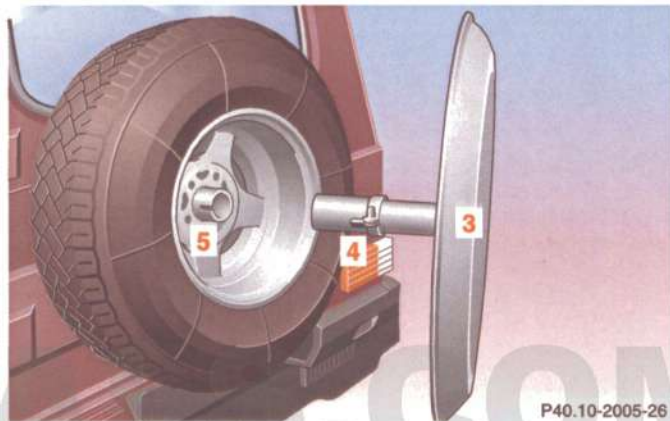
Do not drive when the spare wheel mounting bracket is swung outwards.



Spare wheel cover (stainless steel)

To remove:

1. Open the locking mechanism (1) with the appropriate key.
2. Pull the cover ring (2) outwards slightly in direction of arrow and remove.
3. Pull off the cover plate (3).



To secure:

1. Ensure that catch (4) is in recess (5) when pushing up the cover plate (3).
2. When fitting the cover ring (2), be sure that the retainer (1) faces downwards.

Note:

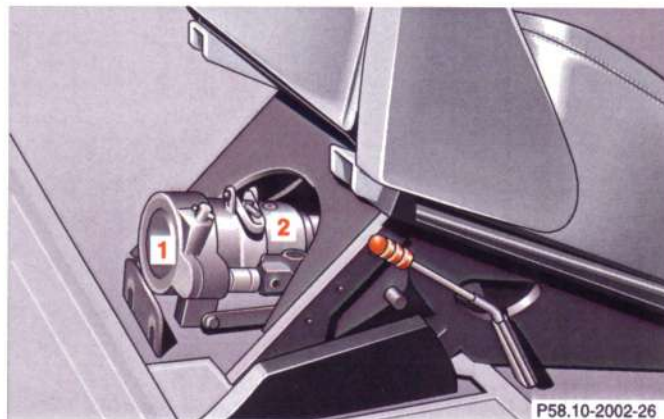
Always keep the key in a safe and easily accessible place in the vehicle.

Spare wheel

Remove securing nuts and take spare wheel off the spare wheel mounting bracket.

For safety reasons check the security of the spare wheel regularly.

The spare wheel must be secured to the spare wheel mounting bracket and covered by the standard spare wheel cover supplied.



Jack

- 1 Jack
- 2 Securing strap

Station Wagon (short)
Convertible

The vehicle jack is located under the front passenger seat.



Station Wagon, long

The vehicle jack is located in the front passenger seat box.



Risk of injury!

The vehicle jack is only intended for lifting the vehicle for a short period when changing a wheel.

The base of the jack must always be on a firm and level surface. Use a firm support plate for the jack on loose surfaces.

When working underneath the vehicle, it must be supported on appropriate stands.



Tailgate (convertible)

The spare wheel with the mounting bracket must be swung out before the tailgate can be opened.

To open the tailgate:

1. Turn the quick fasteners (1) clockwise and pull out. Open the zip fasteners slightly at the sides.
2. Pull the opening handle (2) up and lower the tailgate.

Convertible soft top

Sufficient overhead clearance is required when opening or closing the soft top.

The top may not be opened if its fabric is frozen.

Do not open or close the soft top when temperatures drop below 0 °C.

The top may not be opened or closed if the vehicle is on a very steep slope, for example in extremely rough terrain.

The top may not be opened if a roof rack is fitted.

To ensure that the soft top or cargo is not damaged when the soft top is closed:

- only fill the load compartment up to the maximum height of the luggage cover,
- do not place any objects on the luggage cover and
- the luggage cover may not be pressed up from below by the load.



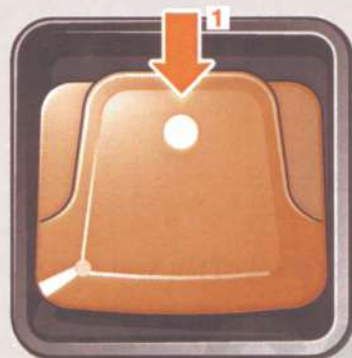
Risk of injury!

For reasons of safety, the top should never be locked or released while the vehicle is moving.

Prior to and while operating the soft top switch, be sure that no one can become trapped or injured by moving parts (soft top linkage).

While the soft top is moving, rear seat occupants should exercise particular care.

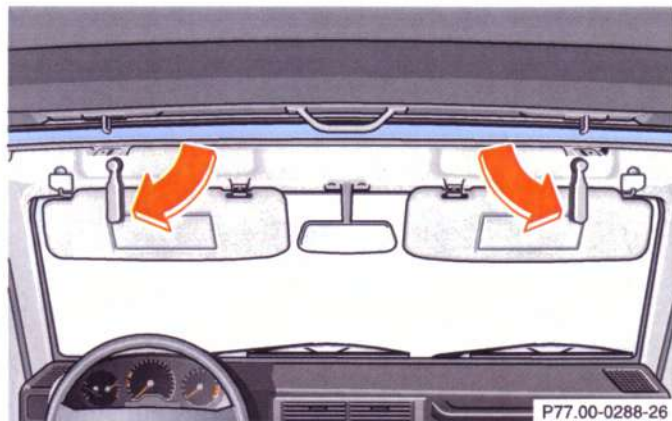
Release the switch if danger seems imminent – movement is interrupted immediately.



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Opening the soft top

1. Apply the parking brake.
2. Turn the key to position 2 in the ignition lock.
3. Fold down the sun visors.



4. Pull the left-hand lever down into a fully vertical position. An acoustic warning is sounded.

Pull the right-hand lever down into a fully vertical position. The indicator lamp in the soft top switch lights up briefly (opening and closing the soft top electrically is only possible when the indicator lamp is lit).

5. Press the soft top switch to the rear (1) and hold until the soft top automatically locks in the rear and the acoustic warning stops.
6. Press the lever up. The indicator lamp in the soft top switch will go out – the opening procedure is complete.

Note:

The soft top must be dry before it can be closed.

If the opening or closing procedure is interrupted, you must wait for at least 5 seconds before operating the soft top switch again.

Be sure that there is sufficient space for the soft top to be stowed away.

Important!

Repeated opening and closing of the soft top can drain the vehicle battery.



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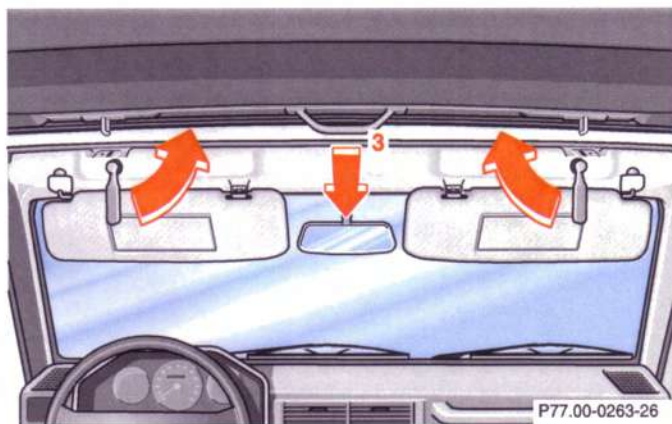
Closing the soft top

1. Apply the parking brake.
2. Turn the key to position 2 in the ignition lock.
3. Fold down the sun visors.

4. Pull the left-hand lever down into a fully vertical position. An acoustic warning is sounded.

Pull the right-hand lever down into a fully vertical position. The indicator lamp in the soft top switch lights up briefly (opening and closing the soft top electrically is only possible when the indicator lamp is lit).

5. Press the soft top switch to the front (2) – the soft top will automatically unlock. An acoustic warning will sound.
6. Hold the soft top switch until the soft top comes to rest above the catches.



- Using the handle (3), pull the soft top vertically down until you hear at least one catch engage.
- Press the previously engaged lever up into a fully horizontal position. The indicator lamp in the soft top switch goes out. Press the second lever up into a fully horizontal position. The acoustic warning will cease.

Electro-hydraulic soft top jammed

If the electro-hydraulic soft top will not open or close:

Check the fuse, see page 77.

If the fuse is OK, the soft top can be manually closed in the event of other faults on the electro-hydraulic drive. See page 34.

Note:

Have the soft top checked by a Mercedes-Benz Service Station.



Risk of accident!

The soft top must be locked when the vehicle is moving.

Note:

When the soft top is properly locked, it will not move if the handle is pressed or pulled.



Risk of injury!

If the soft top is not properly locked, it will flap forwards or backwards when the vehicle pulls away.

Do not reach inside the soft top linkage.

For reasons of safety, the vehicle may only move when:

- the soft top is properly locked at the front or the rear,
- the indicator lamp in the soft top switch is not on and the acoustic warning does not sound,
- the soft top does not move when the handle is pressed or pulled.

Note:

Prolonged exposure to strong sunlight attacks fabrics, colours and rubber seals. It is not possible to prevent creases in the plastic flaps of the soft top.

Cleaning and caring of the convertible soft top

Carry out cleaning with the top locked in place.

Important!

Do not have the vehicle cleaned in an automatic carwash. Never clean the soft top with a high pressure cleaning appliance.

Note:

Remove bird droppings immediately.

Do not use sharp edged objects to remove snow and ice.

Do not clean the soft top or windows with petrol, thinners, tar remover, stain remover or other organic solvents.

The soft top seams may start to leak either as a result of incorrect care and cleaning, or after long use. Sealing of the soft top seams may be performed by any Mercedes-Benz Service Station.

Dry cleaning

Use a soft brush to brush the soft top in the same direction – front to back.

Wet cleaning

- MB soft top cleaner.

Do not use other cleaning agents to clean the soft top.

Note:

Regular spraying or rinsing with clean water will normally be adequate.

The soft top should only be washed if very dirty.

Waterproofing

- MB soft top waterproofing spray.

For protection against moisture penetration and for care of the soft top.

Note:

The soft top must be dry for waterproofing.

Draught stop

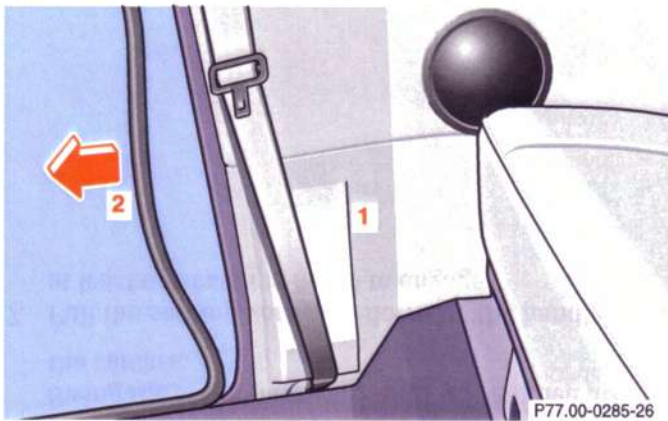
Clean the net with water, a neutral cleansing solution or with methylated spirit.

Closing the convertible soft top manually (emergency operation)

In the event of a defect in the soft top mechanism, the top can be closed manually. This work should be done by 2 persons exercising the greatest of care.

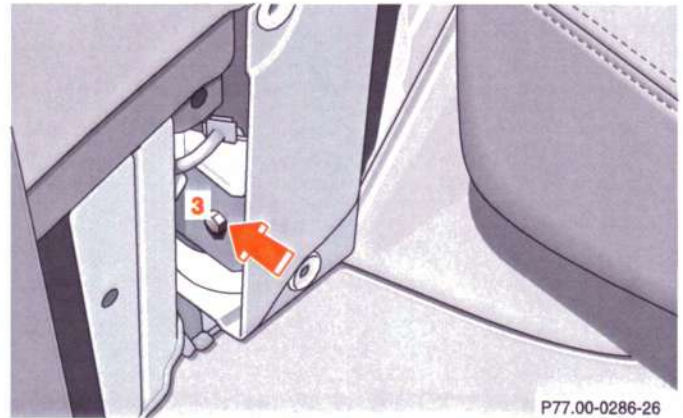
An open-end spanner is included in the vehicle tool kit for this work.

1. For reasons of safety, the key should first be removed from the ignition lock.
2. Apply the parking brake.
3. Pull both levers down into a fully vertical position.



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4. Remove the right-hand side trim (1).
To do this, pull the door seal (2) slightly forward.



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5. Open the emergency valve (3) with the open-end spanner (turn counter-clockwise to the stop).



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6. Lift the top slightly by the handle – at the same time, the left and right-hand latches must be released. Swing the soft top forward until it is aligned above the catches.
7. Pull the soft top vertically down by the handle until at least one catch is heard to engage.

8. Press the previously engaged lever up into a fully horizontal position. Then pull the second lever up into a fully horizontal position.



Risk of injury!

When the soft top is moving, be sure that no one can become trapped or injured by moving parts (soft top linkage).

Note:

Have the soft top checked by a Mercedes-Benz Service Station.



Draught stop



Risk of accident!

The draught stop can impair the view to the rear. Remove the draught stop if visibility is impaired, for example when driving in the dark.

Note:

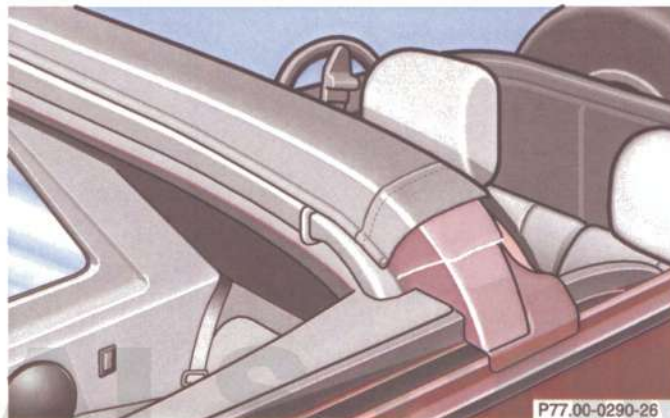
If the rear seats are occupied, remove the draught stop and stow it away in the special pocket in the load compartment.



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The draught stop is located in the special pocket in the load compartment.

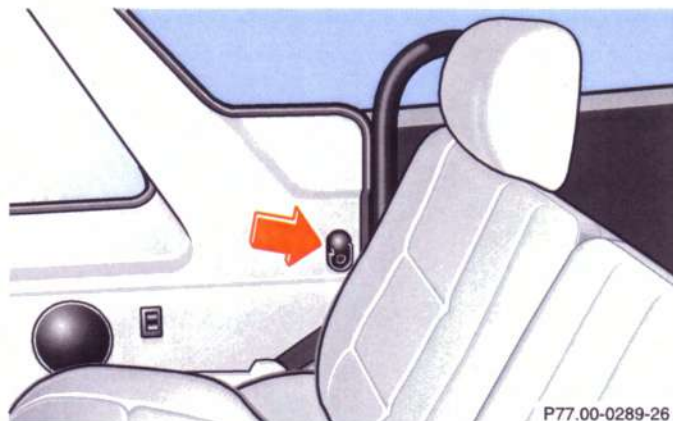
Unzip the pocket and take out the draught stop.



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To install:

1. Hook the draught stop on with the rail on the rollover bar.



2. Align the lower mounting rod into the retainers in the side trims and press down until it is felt to engage.

To remove:

1. Press the lower mounting rod up until it comes out of the holders.
2. Unhook the rail on the rollover bar.



Risk of injury!

The draught stop must be kept in the special pocket in the load compartment when inside the car. Vehicle occupants could otherwise be injured by the draught stop being thrown around in case of sharp braking or a sudden change of direction, or in the event of an accident.

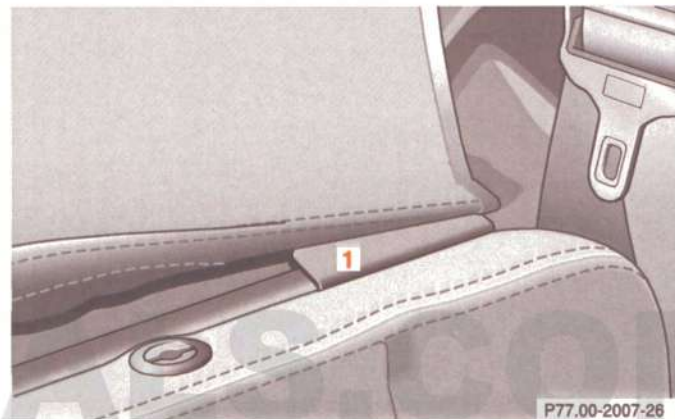
Tarpaulin

The tarpaulin protects the open convertible soft top from the effects of bad weather.

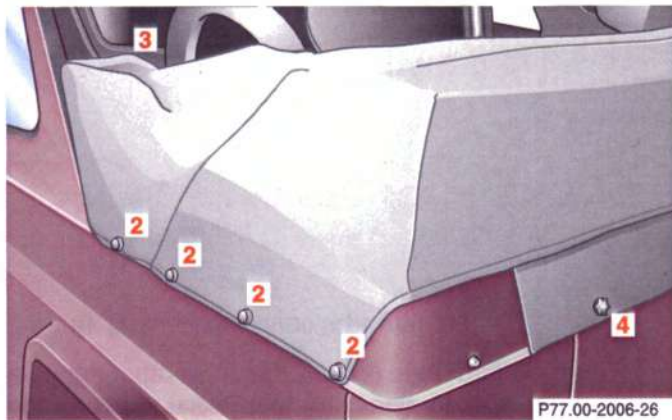
The stowage pocket for the tarpaulin is located in the load compartment.

To secure:

1. Remove the head restraints, see **Interior**.
2. Unfold the tarpaulin and place it over the open convertible soft top.



3. Hook the fastening hooks (1) onto the backrests.



4. Fasten the tenax buttons (2) on both sides. The tenax buttons must be pulled out before fastening.
5. Fasten the pushbuttons (3) on both sides.

To remove:

1. Remove the tarpaulin in reverse order.
2. Pull to release the tenax buttons (2).
3. Pack the tarpaulin away in the stowage pocket and place in the load compartment.

Note:

The convertible's soft top must be fully covered by the tarpaulin.

The tailgate can be opened even if the tarpaulin is in place. Turn the quick fasteners (4) clockwise and pull out. Open the zip fasteners slightly at the sides.

Pull the opening handle up and lower the tailgate.

Remove the tarpaulin before closing the convertible's soft top.

Tyres and wheels

Fit only tyres which we have tested and approved.

Any Mercedes-Benz Service Station will provide details of the tyres approved for your vehicle.

We do not approve retreaded tyres because this process does not always detect previous tyre damage. As a result, we cannot guarantee that the vehicle is safe if retreaded tyres are fitted.

If wheels other than those approved for your vehicle are fitted, there is no guarantee that the correct operating clearance for the wheels and tyres is maintained.

Modification work on the brake system and the wheels, such as the fitting of spacers and brake dust shield plates, is not permitted. Any such modifications will invalidate the vehicle's general operating permit .

Fit only tyres of the same type and make.

Do not attempt to run the vehicle on tyres which are unsuitable for its wheels.

Vehicles with the same wheel size all round: Fit single new tyres to a front wheel.

We recommend running in new tyres at moderate speeds until approximately 100 km (63 miles) have been covered.

Note:

Damage to the wheels' rim flanges can cause air loss and lead in turn to damaged tyre beads. The wheels should therefore be inspected regularly for damage. Remove any sharp edges (burrs) which may develop.

Important!

If the wheels are heavily soiled, for example after driving through mud, clean the inside of the wheels with a jet of water.

Interchanging the wheels



Risk of accident!

The wheels can only be interchanged if the front and rear wheels are the same size.

Vehicles with the same wheel size all round:
Swap wheels over every 5,000 to 10,000 km (3,000 to 6,000 miles), depending on the degree of tyre wear.
When doing this ensure that the direction of wheel rotation is maintained.

Changing the wheels round must take place before the typical wear pattern has formed. The front tyres typically wear more on the outer shoulder, and the rear tyres in the centre of the tread.

Thoroughly clean the inside of the wheels each time they are changed around. Correct the tyre pressures after interchanging.



Risk of injury!

Always follow the instructions for "Changing a wheel", see page 44.



Risk of accident!

The wheel bolts could work loose if they are not tightened to a torque of 130 Nm. The tightening torques should therefore be checked without delay after a wheel has been changed.

Only use original Mercedes-Benz wheel bolts – these can be recognized by the Mercedes star. Other wheel bolts could become loose.

Changing a wheel



Risk of injury!

The vehicle jack is only intended for lifting the vehicle for a short period when changing a wheel.

The base of the jack must always be on a firm and level surface. Use a firm support plate for the jack on loose surfaces.

When working underneath the vehicle, it must be supported on appropriate stands.

No one must remain inside the vehicle when a wheel is changed.

If possible, park the vehicle on a level surface.

1. Apply parking brake.
It must not be released while the vehicle is jacked up.

2. Move selector lever to position P.
3. Use wheel chocks or similar items to prevent the vehicle from rolling.

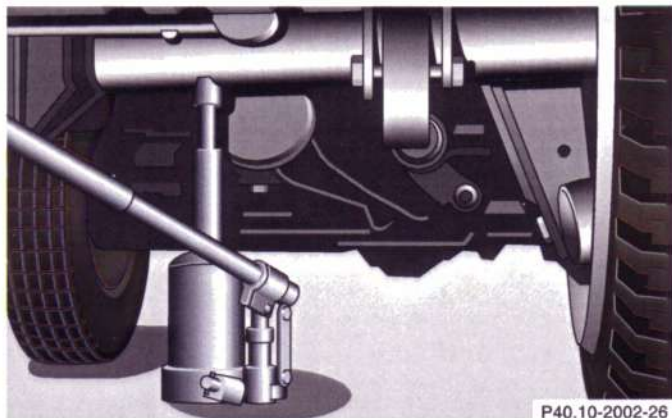
On a level road:

Place chocks in front of and behind the diagonally opposite wheel.

On uphill or downhill slopes, place the chocks on the downhill side of both wheels of the opposite axle.

4. Loosen the wheel bolts with the lug wrench (vehicle tool kit), but do not remove them completely.

If the wheel bolts are unusually tight, the tube handle of the jack may be placed over the bar of the lug wrench as an extension to assist in loosening the bolts.



5. Position the jack under the cross member tube. The jack must always stand vertically – even on slopes.
6. Raise the vehicle until the wheel is clear of the ground.
7. Remove the wheel bolts completely. Do not place wheel bolts in sand or on a dirty surface.
8. Remove the wheel.



Risk of accident!

Replace any wheel bolts which are damaged or rusted on the threads or on the dome of the bolt head.

Do not oil or grease the wheel bolts.

If a thread in the wheel hub is damaged, the vehicle must not be driven. Consult a Mercedes-Benz Service Station.

Clean wheel and wheel hub contact surfaces.

9. Position the wheel and press it onto the hub. Screw in the wheel bolts and tighten lightly. Only use the correct type of wheel bolt for the wheel.
10. Lower the vehicle and remove the jack.
11. Tighten all of the wheel bolts evenly in a criss-cross pattern.
12. Correct the tyre pressures.



Risk of accident!


Retighten the wheel bolts after a distance of approximately 1,000 km (approx. 600 miles).

Tightening torque: 130 Nm.

Tyre pressures

For tyre pressures, see the table on the inside of the tank flap.

Correct tyre pressures when loading the vehicle.

 Check the tyre pressure regularly – at least every 14 days. Do not forget to check the spare wheel.

Tyres which are warm will have a higher pressure than cold tyres. Do not lower the pressure of warm tyres.

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Note:

Tyre pressure changes by approximately 0.1 bar for every 10 °C change in ambient temperature. Be sure to allow for this when checking tyre pressures indoors – especially in the winter.

Example:

- Inside temperature = approximately + 20 °C
- Outside temperature = approximately 0 °C
- Tyre pressure setting = specified value + 0.2 bar

The tyre pressures given for light loads are the minimum pressures, which will give a good ride quality.

The higher tyre pressures for heavy loads are technically favourable even for lighter loads and are permitted without restrictions. However the ride quality will be slightly impaired.

The pressure difference between tyres on a single axle may not exceed 0.1 bar.

When the vehicle is being driven, the temperature of the tyres and thereby the tyre pressures will increase, dependent upon vehicle speed and loading.

For this reason, the tyre pressures should normally be checked and adjusted only when the tyres are cold.

If the tyres are warm, do not correct the tyre pressures unless they are lower than figures in the table after taking the operating conditions into account.



Risk of accident!

If tyre pressure drops repeatedly, examine the tyre for signs of foreign object damage and the wheel and tyre valve for possible leakage.



P88.40-2002-26

Bonnet

To open:

1. To release the bonnet pull the handle (1) on the left below the dashboard.
The bonnet will open as far as the safety hook (2) will allow.
2. It may be necessary to lift the bonnet slightly.



P88.40-2003-26

3. Press the safety hook and open the bonnet.
The wiper arms must not be folded forwards when the bonnet is opened.

To close the bonnet:

Press the bonnet down on the gas pressure shock absorber.



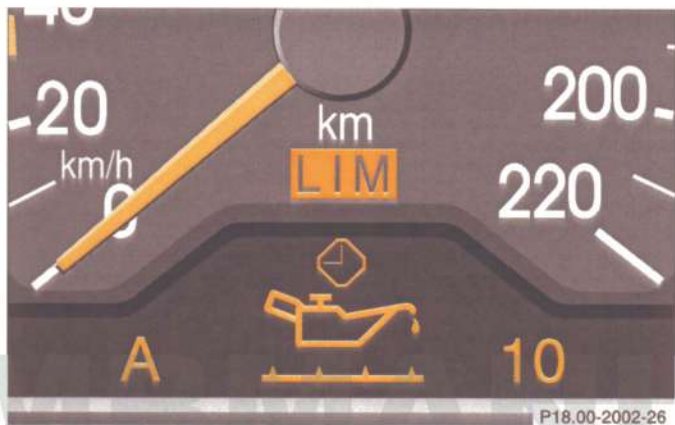
Risk of injury!

There is a risk of injury if the bonnet is opened while the engine is running.

Vehicles with petrol engine:

The engine is equipped with an electronic ignition system. Due to the high tension voltage it is highly dangerous to touch any ignition system components (ignition coil, distributor, ignition cables, spark plug connectors, diagnostic socket) if

- **the engine is running,**
 - **the engine is being started or**
 - **the key is in position 2 in the ignition lock and the engine is cranked by hand.**
-



Engine oil level

The vehicle must be parked on a level surface when checking the oil level.

To check the oil level the engine must be at normal operating temperature. Wait about 5 minutes after switching the engine off before checking the oil level.



Turn the key to position 2 in the ignition lock and wait until the message "DISPLAY OIL LEVEL" appears in the multi-function display. Press button 0 twice within 1 second.

One of the following messages will appear in the display:

- **ENGINE OIL LEVEL O.K.**
No oil needs to be added.
- **ADD 1.0 LITER!**
1 litre of oil must be added.
- **ADD 1.5 LITER!**
1.5 litres of oil must be added.
- **ADD 2.0 LITER!**
2.0 litres of oil must be added.
- **MAX. OIL LEVEL EXCEEDED!**
Excess oil must be removed or drained off

If the oil level is too high (above the "max" mark), there is a risk of damage to the engine or the catalytic converter.

For oil level warning lamp, see **Interior**.

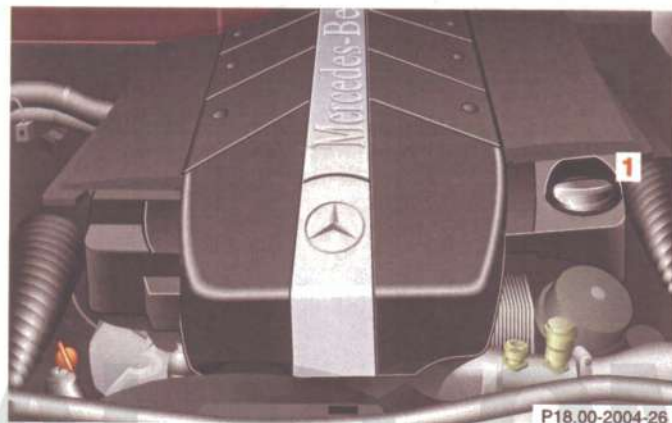
If an accurate oil level measurement is not possible, the clock symbol will flash in the multi-function display. Repeat the oil level measurement after a few minutes.

The oil level can also be checked using the oil dipstick if no oil level is again displayed. See page 53. It is advisable to have the vehicle checked at a Mercedes-Benz Service Station.



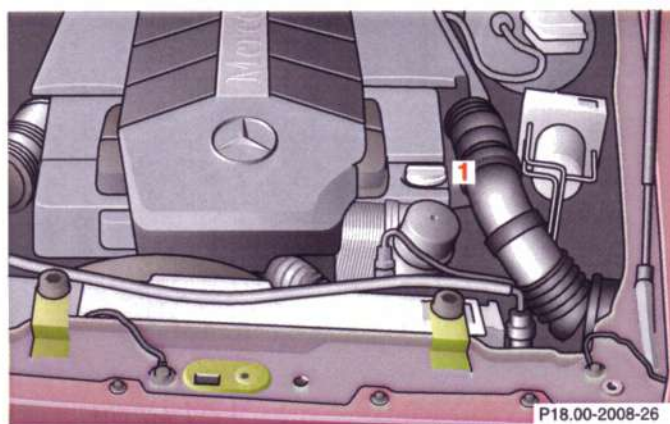
G 300 TURBODIESEL

1 Oil filler cap



G 320

1 Oil filler cap



G 500

1 Oil filler cap

Checking with the dipstick

The vehicle must be parked on a level surface when checking the oil level.

To check the oil level the engine must be at normal operating temperature. Wait about 5 minutes after switching the engine off before checking the oil level.

Wipe off the dipstick before each check.



The oil level must be between the lower mark (min) and the upper mark (max) on the oil dipstick.

If the oil level is too high (above the "max" mark), there is a risk of damage to the engine or the catalytic converter.

For this reason, excess oil must be drained or siphoned off.

For capacities, see **Technical Data** in "Service products".

Oil level in the automatic transmission

In the case of a loss of automatic transmission fluid or gear shifting difficulties, have the fluid level checked by a Mercedes-Benz Service Station.

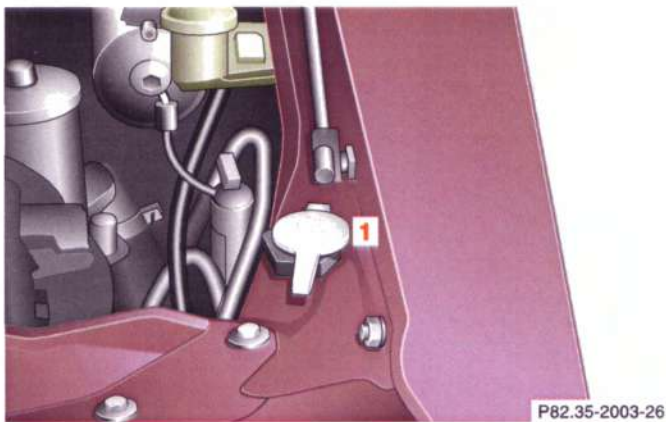
Bleeding the fuel system G300 TURBODIESEL

If the vehicle is driven until the tank is empty, there is no guarantee that the engine will start again after filling the tank, because air can be trapped in the system.

If this occurs, actuate the starter of the engine for up to 60 seconds without interruption or until the engine runs smoothly.

Repeat the starting procedure after approximately 5 minutes if the engine does not start. If the engine still does not start, consult a Mercedes-Benz Service Station.

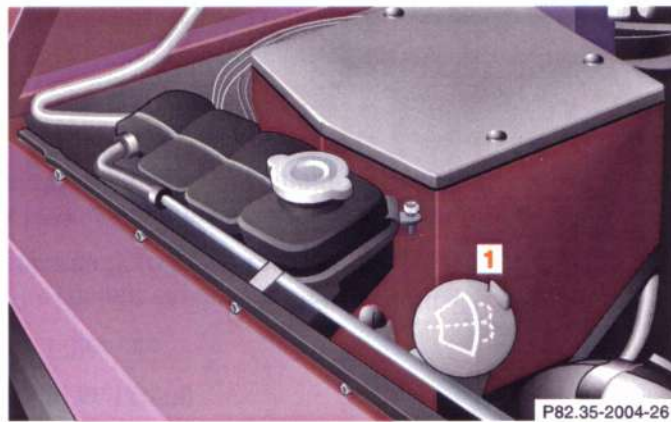
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Reservoir for windscreen washer and headlamp cleaning system

G 300 TURBODIESEL

1 Filler cap



G320 and G500

1 Filler cap

To top up the reservoir:

Top up with water and MB concentrated windscreen washer fluid "S" in summer or "W" in winter.

Mix according to instructions on the packaging. Check to be sure that the washer systems operate correctly.

For capacities, see **Technical Data**.



Risk of injury!

The windscreen washer concentrate is highly inflammable.



P20.30-2003-26

Coolant level

G320 and G500

1 Filler cap

The coolant expansion tank with filler is located separately from the radiator.

Check coolant level with vehicle standing on a level surface and with the engine switched off.

The coolant should reach up to the mark on the reservoir when cold.



Risk of injury!

Only check the coolant level with the engine switched off.

There is a risk of injury from hot coolant.

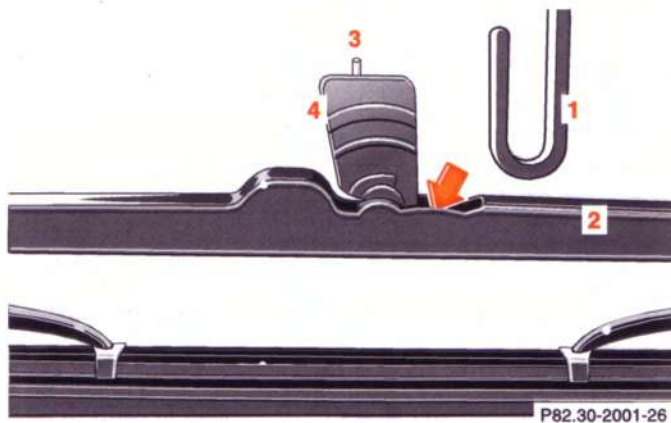
Open the cooling system only when the coolant temperature is below 80 °C.

Always turn the cap to the first detent initially, to allow the pressure to escape. Then turn the cap further and remove it.

Note:

The drain plugs are located on the side of the engine and at the bottom of the radiator (red plugs).

For capacities, see **Technical Data**.



Renewing wiper blades

Note:

Do not open the bonnet when the wiper arms are folded forward.

To remove:

1. Fold the wiper arm (1) forwards and turn wiper blade at a right angle to the arm (2).
2. Press in the securing spring (3) on the pivot piece (4) and push the wiper blade off the end of the wiper arm.
3. Then remove the wiper blade forwards.

To install:

1. Slide the wiper blade onto the wiper arm (arrow).
2. Allow the hinge piece to engage in the end of the wiper arm.



Risk of injury!

Remove the key from ignition lock before renewing wiper blades.



Battery

The battery is located in the rear left wheel housing.

Fold back the carpet.

Release the catch and remove the cover.



Observe safety precautions and take protective measures.



Risk of explosion!



Do not expose to fire or naked flames; do not smoke. Avoid causing sparks.



Risk of acid burns!

Battery acid is caustic. It must not be allowed to come into contact with the skin, eyes or clothing.

Rinse acid splashes thoroughly with clear water immediately. Consult a doctor if necessary.



Wear protective eye glasses.



Keep away from children.



Observe the instructions in the Owner's Manual.

Risk of short circuit!

Do not place any metal objects on the battery.

Risk of injury!

Use only an impact-resistant (spill-resistant) battery to avoid acid burns to the vehicle occupants in case of an accident.

Note:

The battery is maintenance-free.

The battery will not achieve its intended service life unless it is adequately charged at all times.

If the vehicle is mainly used for short journeys or is not used for a lengthy period, the state of charge of the battery should be checked frequently.

 Dispose of defective batteries in an environmentally responsible manner.

Charging the batteries

Comply with the operating instructions for the battery charger. Before charging, disconnect and remove the battery.

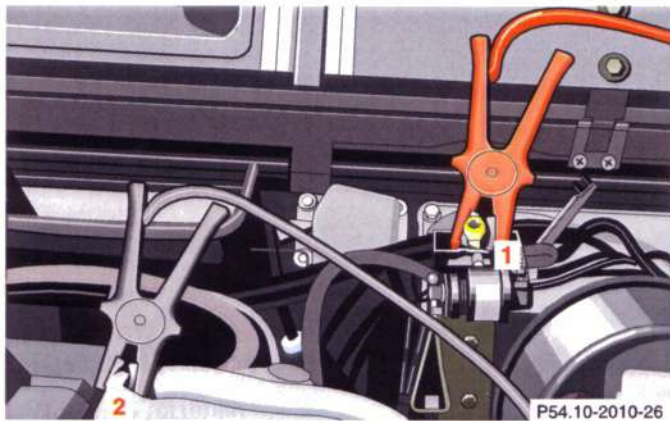
Disconnecting the battery

Do not disconnect the battery terminals from the battery posts when the engine is running. This could severely damage electronic assemblies (the alternator, for example).

1. Switch off electrical consumers.
Turn the key to position 0 in the ignition lock.
2. Detach the negative terminal first, then the positive terminal.

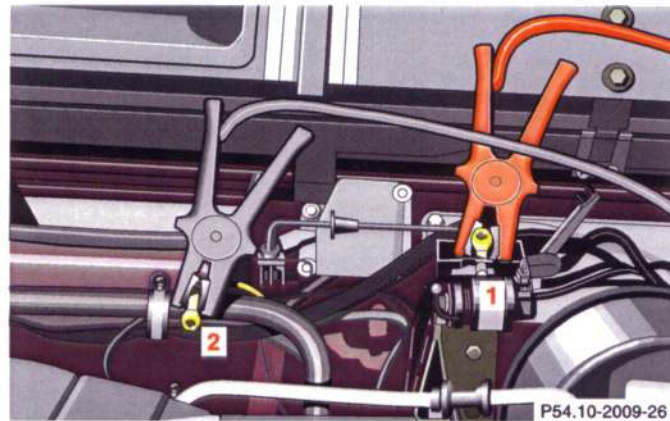
Connecting the battery

1. Electrical consumers must be switched off.
The key must be turned to position 0 in the steering lock.
2. Connect the positive terminal first, then the negative terminal.
Make sure that the terminal clamps are not accidentally confused.



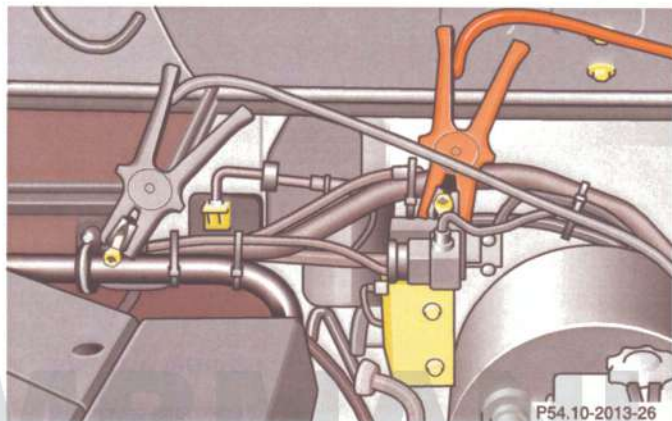
G 300 TURBODIESEL

- 1** Positive terminal
- 2** Negative terminal



G 320

- 1** Positive terminal
- 2** Negative terminal



G 500

- 1 Positive terminal
- 2 Negative terminal

Emergency starting



Risk of injury!

Do not lean over the battery while emergency starting.

Risk of explosion!

Never use a naked flame in the vicinity of the battery, do not smoke and avoid causing sparks.

Observe the safety regulations and safety precautions when handling batteries. See page 58.

If the battery is discharged, the engine can be started using jump leads from another vehicle's battery.

- Never attempt to start the engine if the battery is frozen. Thaw out the battery first.
- Use only batteries with the same nominal voltage and approximately the same capacity.
- Use only jump leads with adequate cross-section and insulated terminal clamps.
- The vehicles must not touch one another.
- Switch off all of the electrical consumers in the vehicle.
- First, connect the positive terminals with the jumper leads.
- Allow the engine of the second vehicle to run at idle.

- Then connect the negative terminals of the batteries with the jump leads.
- Start the engine in the usual manner.
- Once the engine is running, switch on some electrical consumers (the blower, for instance), but do not switch on any lights.
- Disconnect the jump leads from the negative terminals first, and then from the positive terminals.

Note:

Vehicles with petrol engine: Jump starting is permissible when the engine is cold and the catalytic converter has cooled down. However, repeated or lengthy attempts to start are to be avoided.

Never attempt to start the vehicle using a battery quick charge unit.

See page 60 for instructions on charging the battery.



P00.60-2001-26

1 Front towing eye



P00.60-2002-26

1 Rear towing eye

Towing away

The front and rear towing eyes are located on the left below the bumper.



Risk of accident!

If the engine is not running, there is no power assistance for the brakes and steering. Braking and steering the vehicle will then require considerably more physical effort.

Note:

When towing observe the legal requirements in the country concerned.

Where possible, transporting the vehicle on a specially designed vehicle or trailer is preferable to towing.

If towing is unavoidable, we recommend using a rigid towbar.

Turn the key to position 2 in the ignition lock.

Engine damage/transmission damage/electrical faults

Shift automatic transmission and transfer case selector lever to position N.

Important!

Do not tow in excess of 25 km (15 miles) or at a towing speed of 30 km/h (20 mph).

The drive shafts to the driven axles must be removed if the vehicle has to be towed further than 25 km (15 miles).

With transfer case damage

Remove the drive shafts to the driven axles.

With front axle damage

Raise the front axle and remove the drive shaft between the transfer case and rear axle.

With rear axle damage

With the rear axle raised, the vehicle can only be towed with wheel rollers under the front axle.

Note:

When removing the drive shaft, place M10 nuts on the bolts as spacers and tighten them using M8 nuts.

When installing the drive shaft, always fit new self-locking nuts.

Use extreme caution when pulling out a bogged-down vehicle whose wheels are buried in loose ground or mud, especially if the vehicle is laden.

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Pulling the vehicle out by jerking and pulling at an angle must be avoided, as this could cause damage to the chassis. Never pull out a vehicle with a trailer attached. Use the rear towing attachment to pull the vehicle out – backwards – along the line of entry, if possible.

Important!

It is not possible to tow-start the engine. For notes on jump starting, see page 62.



Headlamp adjustment

Adjustment screws

- 1** Headlamp vertical adjustment
- 2** Headlamp lateral adjustment

Have the headlamp setting checked regularly. When doing this, set the headlamp range control to position 0.

Renewing bulbs



Risk of injury!

Bulbs and bulb holders can be very hot. For this reason allow the light unit to cool down before changing the bulb.

Keep bulbs out of reach of children.

Never use a bulb which has been dropped or if its glass is scratched; it could burst.

Changing a bulb: The bulb is pressurised. Eye and hand protection should therefore be worn.

To prevent a short circuit, switch the affected lamp off

Only touch new bulbs with a clean lint-free cloth or similar. Do not work with wet or greasy fingers.

Only fit 12 volt bulbs of the same type and correct wattage.

Vehicles with impact protection bar:

The impact protection bar must be folded down before the headlamp bulbs can be replaced or the headlamps adjusted. See **Driving**.



Headlamps H4 60/55W

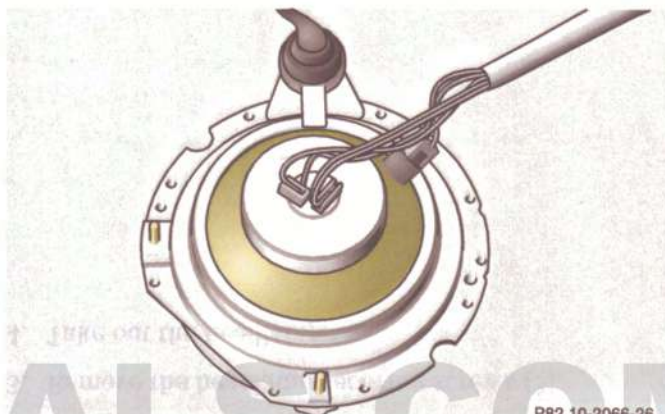
1. Remove the headlamp surround securing screws (1).
2. Remove the headlamp surround with seal.



- Do not turn adjustment screws (1) and (2) as this will disturb the headlamp setting.
3. Remove the headlamp securing screws (3).
 4. Take out the headlamp.



5. Pull plug connectors (1) off the bulbs and remove the protective cap (2).



- 1 Bulb for main and dipped beam H4 60/55W
 - 2 Bulb retaining spring clip
 - 3 Bulb for side lamps 4W
1. Unhook bulb retaining spring clip (2) and remove bulb with bulb plate (1).
 2. Insert the new bulb so that the lug on the bulb plate locates in the recess.



P82.10-2012-26

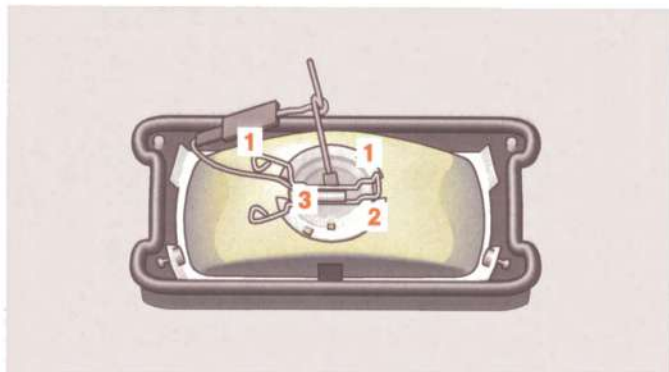
Front foglamps H3 55W

1. Remove the foglamp surround securing screws (1).
2. Remove the surround.



P82.10-2013-26

3. Remove the foglamp securing screws (1).
Do not turn the adjustment screws (2) since this would disturb the headlamp setting.



P82.10-2014-26

4. Unhook the plug connectors (1) and the bulb retaining spring clip (2), and then remove the bulb with the bulb plate (3).
5. Insert the new bulb so that the lug on the bulb plate locates in the recess.



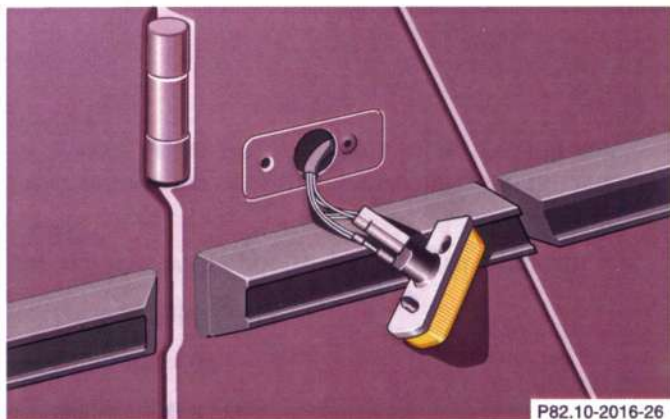
P82.10-2015-26

Front turn signals 21W

For vehicles with optional white signal lamp cap:
PY 21W

Remove the securing screws and take off turn signal lamp cap. Press bulb in, turn to the left and remove.

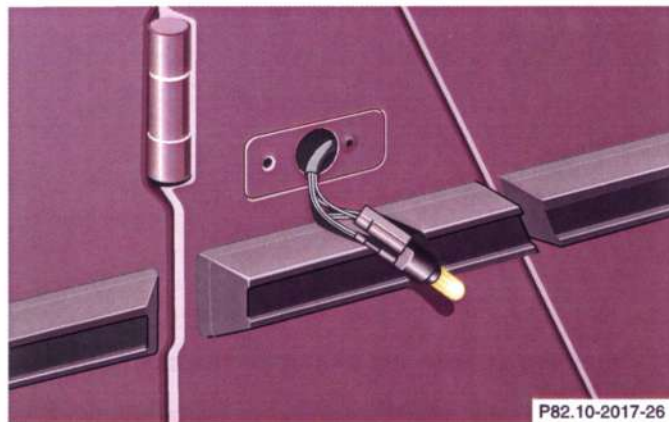
When reassembling, do not overtighten the securing screws as this could cause the lens to break.



Side turn signals 4W

For vehicles with optional white signal lamp cap:
WY 4W

1. Remove the securing screws from the turn signal housing and pull out of mounting.



2. Pull bulb holder out of turn signal housing.
3. Pull bulb out of bulb holder.



Rear lamps

- 1 Brake light 21W
- 2 Tail lights 5W
- 3 Turn signal 21W

For vehicles with optional white signal lamp cap:
PY 21W

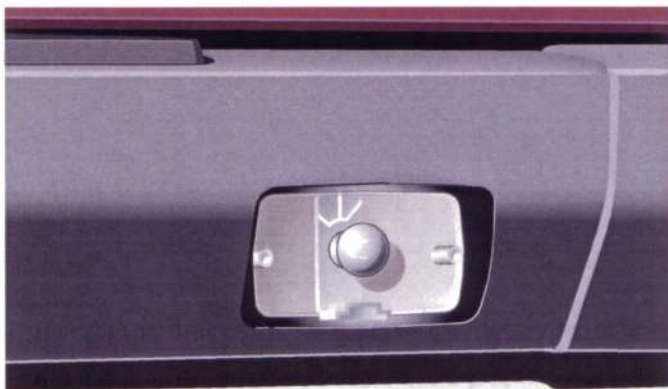
Remove the lens securing screws and take the lens off
To replace bulbs, press the bulb in, turn to left and
remove.



Licence plate lamp

Festoon lamp 5W

Unscrew the securing screws and remove the bulb.



P82.10-2020-26

High-mounted brake lamp

Station Wagon, long wheelbase

Station Wagon (short)

We recommend that you have the bulbs of the high-mounted brake lamp changed by a Mercedes-Benz Service Station.

Reversing lamp and rear foglamp 21W

1. Remove securing screws and take lens off
2. To replace bulbs, press the bulb in, turn to left and remove.



Electrical fuses

The fuses are located behind the cover below the glove compartment in the front passenger's footwell.

Unfasten the quick-release catches (1) and take cover off.

When working on the electrical system, always disconnect the battery negative terminal.

Before replacing a blown fuse, first determine the cause of the short circuit. All connections must have a good contact.

Ensure that the ampere rating and the colour of the replacement fuse are correct.

Only use fuses with the correct ampere rating that we have tested and approved.

Do not attempt to repair or bridge fuses.

Refit and tighten the fuse box cover after replacing a fuse.



Testing the fuses

Fuses can be tested for serviceability in the test socket.

- Loosen the fuse box cover.
- Pull fuse out and insert in the test socket (1).

If the indicator lamp (2) lights up, the fuse is serviceable.

If the indicator lamp does not light up, replace the defective fuse with a replacement fuse (3).

Always carry a selection of fuses in the vehicle in case of emergency.

- 1 Test socket
- 2 Indicator lamp
- 3 Space for spare fuses
- 4 Fuse extractor

- F1** Fuse 7.5 A
Left-hand tail lamp
Left-hand side lamp
- F2** Fuse 7.5 A
Right-hand tail lamp
Right-hand side lamp
Instrument lighting
License plate lamp
- F3** Fuse 15 A
Front foglamps
Rear foglamp
- F4** Fuse 7.5 A
Left-hand main beam headlamp
- F5** Fuse 7.5 A
Right-hand main beam headlamp
Turn signal warning lamp
- F6** Fuse 7.5 A
Left-hand dipped beam headlamp
- F7** Fuse 7.5 A
Right-hand dipped beam headlamp
- F8** Fuse 15 A
Front wiper system
Reversing lamp
Reversing aid
- F9** Fuse 20 A
Engine air flap
Heater blower
Glove compartment lamp
- F10** Fuse 10 A
Heated washer jets
Brake lamps
Instrument cluster
Cruise control
Control units EDW (anti-theft alarm system) and
FBS (drive authorisation system)

F11	Fuse 10 A Turn signals Mirror position	F15	Fuse 15 A Cigarette lighter AC (automatic controls) Airbag malfunction indicator Terminal 15R (radio) Telephone
F12	Fuse 15 A Rear wipe/wash system	F16	Fuse 15 A ASS sensor (tow-away protection sensor) Central locking control unit
F13	Fuse 10 A Entry lamp Hazard warning lamps Vacuum pump Radio Telephone Front interior lamp KFB (convenience feature)	F17	Fuse 7.5 A RP lock (reverse gear and parking lock) Off-road gear switch
F14	Fuse 20 A Rear interior lighting Heated rear window	F18	Fuse 10 A Headlamp cleaning system
		F19	Fuse 7.5 A Dual fan relay
		F20	Fuse 15 A Auxiliary heater

- F21** Fuse 20 A
Auxiliary heater
- F22** Fuse 25 A
Front seat heating
- F23** Fuse 30 A
Dual fan
- F24** Fuse 25 A
Heated front window
- F25** Fuse 15 A
G300 TURBODIESEL
Temperature switch
Engine oil fan
G320 and G500
Ignition coils
- F26** Fuse 10 A
Infrared central locking control unit
- F27** Fuse 30 A
Convertible
Electrical soft top
- F28** Fuse 10 A
Convertible
Electrical soft top
or
Station Wagon, long wheelbase
Special protection alarm system

- D1 Infrared central locking
To open the central locking
- D2 Infrared central locking
To close the central locking
- D3 Rear interior lighting
- D4 **G320 and G500**
Circulating pump relay
- D5 Daytime driving lamps
- D6 **G320 and G500**
Circulating pump relay

- A Fuse 15 A
Sunroof
- B Fuse 30 A
Front power windows
- C Fuse 30 A
Rear power windows
- D Fuse 25 A
Seat adjustment
- E Fuse 25 A
Seat adjustment
- F Fuse 15 A
Interior socket
- G Fuse 25 A
Rear seat heating
- H Fuse 15 A
Trailer socket

Relay unit (diesel engine)

- F1** Fuse 15 A
Run-on relay
Differential lock
ABS (anti-lock braking system)/
electronic transmission control
- F2** Fuse
Vacant
- F3** Fuse
Vacant
- F4** Fuse
Vacant
- F5** Fuse 10 A
Exhaust gas recirculation
(electro- pneumatic converter)
- F6** Fuse 15 A
Horn

Relay unit (petrol engine HEM sensor¹)

- F1** Fuse 15 A
Differential lock/ABS (anti-lock braking system)
- F2** Fuse 15 A
Oxygen sensor heating
Secondary air pump relay (coil)
- F3** Fuse 15 A
Engine control device, engine management 2.0,
terminal 87
- F4** Fuse 40 A
Air pump
- F5** Fuse 15 A
Oxygen pump
- F6** Fuse 15 A
Horn

1 Hot film mass air flow sensor

Cleaning and care – exterior

When you drive your car, it is exposed to numerous external influences. These include weather conditions, road conditions and atmospheric conditions in coastal and industrial regions.

These factors demand regular care of the bodywork and underside of the vehicle.

Damage caused by loose chippings and dirt, for example insect remains, bird droppings, tree resin, oil, grease and fuel should be removed without delay.

We have considered the specific requirements of our vehicles in our selection and recommendation of car-care products. These products are continuously updated to keep pace with technical developments.

MB car-care products are available from any Mercedes-Benz Service Station.

Scratches, corrosive deposits, areas affected by corrosive materials and damage caused by incorrect or inadequate care cannot always be put right with the care products recommended here. In such cases it is best to consult your Mercedes-Benz Service Station.

The following list covers the principal car care tasks and the recommended MB products for these tasks.

Insect remains

- MB insect remover

Loosen insect residue with a solution of car shampoo.

Apply prior to washing the vehicle.

Tar stains

- MB tar remover

Remove tar stains as soon as possible. The longer tar stains are left, the more difficult they are to remove.

Engine wash

- MB anti-corrosion treatment

Apply anti-corrosion treatment to the engine compartment after every engine wash. Grease all pivots and joints on control linkages before applying anti-corrosion treatment. Protect the drive belts from the anti-corrosion treatment.

Washing the vehicle

- MB car shampoo in wash water

Do not wash vehicle in direct sunlight.

Spray the vehicle down thoroughly with a wide angle spray. Do not direct too powerful a water jet into the ventilation system air intake opening. Use plenty of water. Rinse the sponge and chamois frequently. Rinse off with clear water and dry the vehicle thoroughly with a chamois cloth.

In winter, remove road salt thoroughly and at the earliest opportunity.

When washing the underside of the vehicle, do not forget the insides of the wheels.

Headlamps, tail lamps and turn signals

- MB car shampoo
- MB car glass cleaner
- MB insect remover

Use a soft sponge, plenty of lukewarm water and MB car shampoo.

If very dirty, use MB car glass cleaner or MB insect remover.

Do not scour or scratch the plastic lenses, or subject them to excessive pressure.

Do not use a hard plastic insect sponge or solvents (fuel, thinners etc.).

Cleaning windows

- MB car glass cleaner

Clean windows regularly with MB car glass cleaner.

Also suitable for use on plastic lenses.

- MB window cleaning agent (external use only)

For extremely dirty and for oily windows.

Do not use on plastic lenses.

Note:

To prevent smears on the windscreen after using an automatic car wash, wipe wax off the windscreen and wiper blade rubbers with MB glass cleaner or MB window cleaning agent.

Wiper blades

Clean wiper blades with a clean cloth and a detergent solution, have them replaced once or twice a year.

Plastic parts, rubber parts and MB Tex

- MB car shampoo as washing solution
- MB plastics cleaner

Do not use any other cleaning products, and do not oil or wax these parts.

Paintwork, painted attachments

- MB gloss preserver
- MB polish
- MB paintwork cleaner
- MB polishing wadding

Do not use these products in direct sunlight or if the bonnet is warm.

MB gloss preserver protects the paintwork and maintains its gloss.

Use MB polish if the paintwork is particularly dirty.

MB polish is also suitable for minor scratches on varnished wooden parts.

Use MB paintwork cleaner to clean older or weathered paintwork.

- MB polishing paste

Used to polish very dirty or severely weathered paintwork and to polish out minor scratches.

Note:

To prevent stains, keep these products away from the vehicle's trim (for example door handles and rubber seals).

- MB touch-up stick
- MB spray can

For quick, temporary repairs to small areas of damaged paintwork.

Light-alloy wheels

- MB car shampoo
- MB care agent for light-alloy wheels
- MB cleaner for light-alloy wheels

If possible, clean light-alloy wheels once a week. Use a soft sponge, plenty of lukewarm water and MB car shampoo.

If this is not sufficient, use MB light-alloy wheel care agent for normal soiling and MB light-alloy wheel cleaner for heavy soiling.

Observe instructions for use.

Important!

We recommend the use of MB cleaner. Cleaning agents containing acids or alkalis can cause corrosion of the wheel bolts and/or the retaining clips of the balancing weights.

Brightwork

- MB chrome care agent

Use for routine care.

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