

Before you drive your Mercedes-Benz for the first time, please familiarise yourself with its various features and with the controls. This owner's manual is provided to enable you to do this.

The section headed **Interior** provides information on all controls **inside the vehicle**, the **Exterior** section describes all items **not inside the vehicle** and the **Driving** section offers **driving tips** and **practical advice**.

Other instructions may also be supplied, depending on your car's equipment.

Since the car's equipment when delivered will comply with your order, certain descriptions and illustrations can be different to the equipment fitted to your vehicle. So that we can keep pace with the ongoing technical advancements, we reserve the right introduce changes in design, equipment and technical features at any time.

Accordingly, no claims will be entertained on the basis of the data, illustrations or descriptions in this owner's manual.

If your vehicle is fitted with items of equipment which is not illustrated or described in this owner's manual, or if you have any questions after reading this owner's manual, any Mercedes-Benz Service Station will gladly provide the information you require.

The owner's manual and the maintenance booklet should always be carried in the vehicle. If you have any suggestions regarding the owner's manual, you are welcome to forward them to the address given 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 publications team of Mercedes-Benz AG,
VSE/IM 70322 Stuttgart, Fax No. +49-711-17-83427, wishes you safe and enjoyable motoring.

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Environmental protection

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

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 to protect the environment by operating your Mercedes environment consciously:

Both fuel consumption and the rate of engine, brake and tyre wear depend to a great extent on driving style and operating conditions, you should therefore

- make sure that the tyre pressures are always correct,
- avoid frequent, full throttle 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,
- change up as soon as possible, accelerating to a maximum of $\frac{2}{3}$ engine speed in each gear,
- monitor fuel consumption,
- switch off the engine when stationary for lengthy periods in traffic jams,
- ensure that the specified maintenance work is carried out regularly by a Mercedes-Benz Service Station.



You will find further information in this owner's manual on environmental protection where you see this symbol.

Operating safety



Risk of injury!

Unless carried out expertly, work on or modifications to the vehicle could lead to malfunctions occurring and thus represent a hazard to operating safety.

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

The first 1 500 km (approx. 930 miles)

If you treat the engine with sufficient care from the very start, the more you will appreciate its performance later. For the first 1 500 km (approx. 930 miles), you should therefore not tow a trailer and drive at varying road and engine speeds.

During this period, avoid overloading the engine (driving at full-throttle) and high engine speeds (do not exceed $\frac{2}{3}$ of the maximum speed in each gear). Change gear in good time!

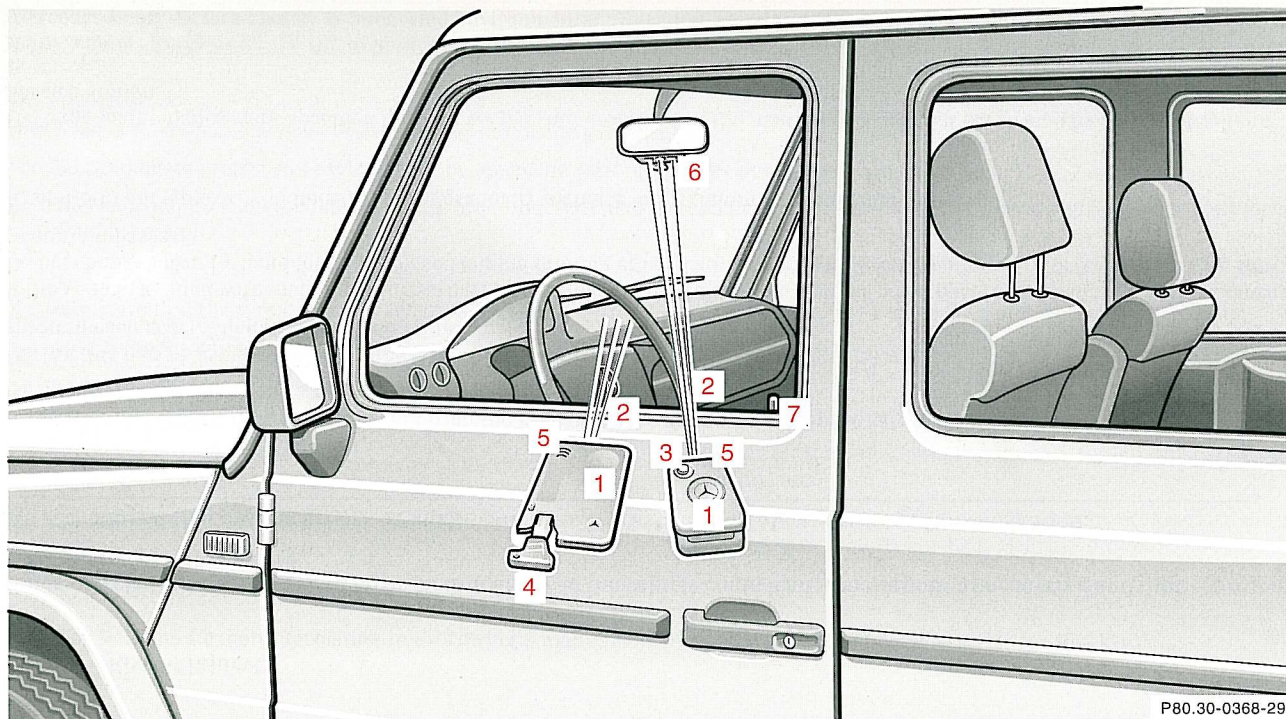
If the vehicle is fitted with an automatic gearbox, try to avoid depressing the accelerator pedal past the pressure point (kick-down). Do not change down by hand for an increased engine braking effect. Only use selector lever positions 3, 2 or 1 when driving slowly (mountain passes).

After 1 500 km (approx. 930 miles) you can gradually increase to maximum road and engine speeds.

Maintenance

Have the maintenance work specified for your vehicle and described in the maintenance booklet performed by a Mercedes-Benz Service Station.

Locking system



P80.30-0368-29

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Supplied with vehicle

- Two remote controls with folding key
- 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 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 Signal transmitter key
- 2 Signal emission point
- 3 Release button
press to unfold key from housing.
- 4 Spare key
- 5 Remote control battery check
- 6 Receiver in interior mirror
- 7 Locking knob:
Only press driver's door locking knob down when it is closed.

Immobilizer (Authorisation to drive system)

Important!

Pull the key out of the steering lock. The immobilizer is then switched on.

Insert the key into the steering lock and turn to position 2. The immobilizer is switched off.

Note:

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

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Remote control

Unlocking vehicle:

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

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

Locking vehicle:

To lock the vehicle, direct the remote control signal emission point at the receiver in the interior mirror and press the signal transmitter key.

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

If the vehicle cannot be locked or unlocked with the remote control, the batteries must be changed or the system synchronised see pages 9 and 10.

Closing side windows and the tilting/sliding roof

After locking vehicle hold the signal transmitter key depressed. After approx. two seconds the side windows and the sliding/tilting roof will commence closing.

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

Note:

The convenience locking is not possible with the spare remote control.



Risk of injury!

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

If there is a danger that someone could become trapped release the signal transmitter key – the locking process will be interrupted immediately.

Press and hold signal transmitter key again – the side windows and sliding/tilting roof will open again.

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

Before leaving the vehicle check whether all side windows and the sliding/tilting roof 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 that the mechanical locks are 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 locking/unlocking (passenger's door)

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

Tank flap – emergency unlocking

If the tank flap cannot be opened when the vehicle is unlocked, see mechanically unlocking tank flap on page 15.

Checking the remote control batteries

Check the batteries regularly.

Press the signal transmitter key and hold it for longer than one second. The battery indicator lamp will come on briefly if the batteries are in good condition.

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

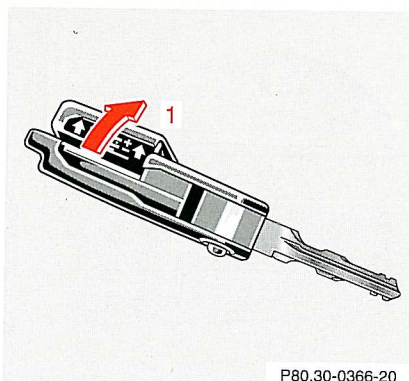
The batteries are available from any Mercedes-Benz Service Station.

Renewing the remote control batteries



Risk of poisoning!

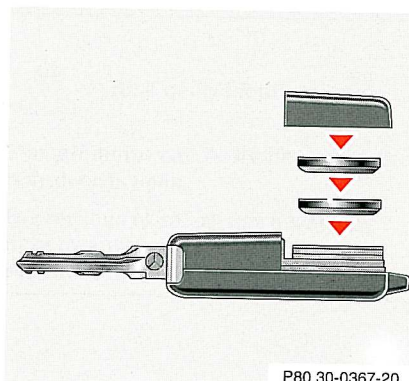
Keep batteries out of reach of children. Consult a doctor immediately if a battery is swallowed.



P80.30-0366-20

Remote control:

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

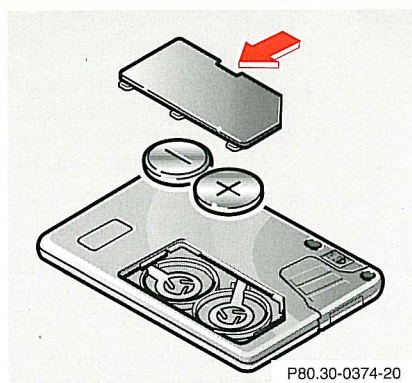


P80.30-0367-20

Insert the batteries with the positive sign at the top.

Do not touch the battery contact surfaces.

Press the battery cover on until it snaps into position.



P80.30-0374-20

Spare remote control

Press battery cover off.

Insert batteries: note positive and negative signs.

Place battery cover on at the outside and press it on until it snaps into place.



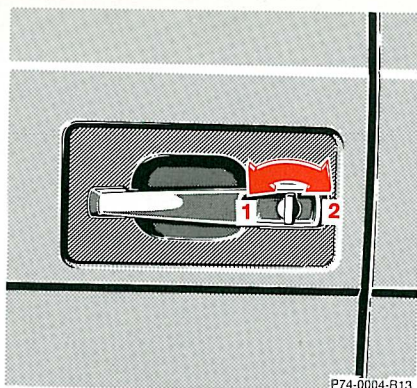
dispose of discharged batteries in an environmentally acceptable manner.

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 signal transmitter key twice briefly. Within about 30 seconds, turn the key to position 2 in the steering lock.

After this, the locking system will again be operational.

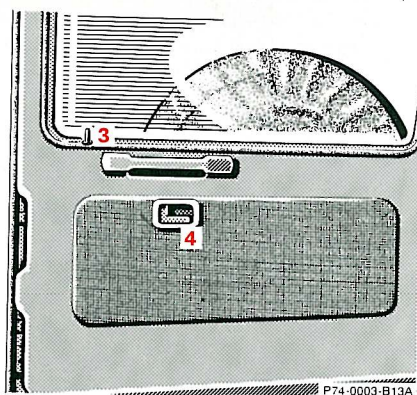


P74-0004-B13

Rear door

- 1 Unlocking
- 2 Locking

Push locking cylinder in to open the door.



P74-0003-B13A

Rear door

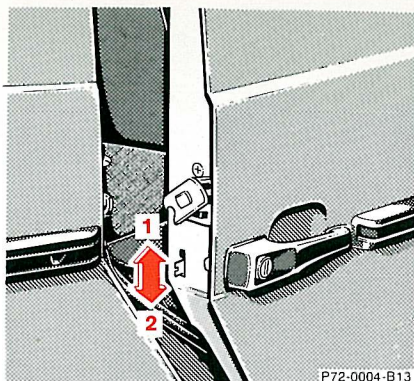
- 3 Locking knob
Press down to lock.
- 4 Door inner release lever
Pull door inner release lever to unlock and open.



Risk of accident!

The tail lamps can be hidden when the rear door is open.

For reasons of safety use a warning light or a warning triangle when the rear door is open.



Child-proof locks
(back doors and rear door)

- 1 Releasing - push catch up.
- 2 Engaging - push catch down.
The door can then no longer be opened from the inside.

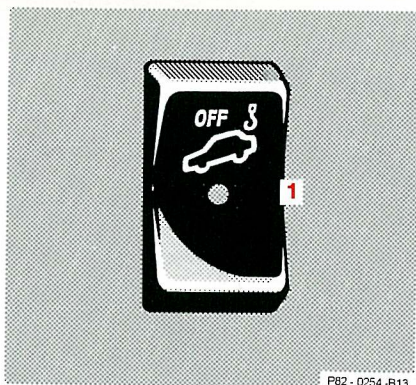


Risk of accident!

Do not leave children in the vehicle unsupervised. 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).



Break in - Anti-theft alarm system

- 1 Indicator lamp in switch on the storage 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 off if

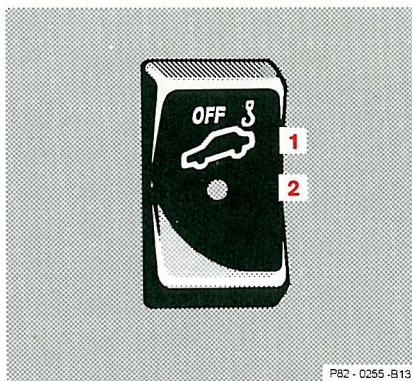
- a door is opened,
- the engine bonnet is opened,
- the radio is removed,
- the steering lock is turned,
- the ignition system is electrically bridged,
- the foot brake is depressed.

Audible alarm system¹: An additional horn sounds intermittently for approx. 30 seconds

Visual alarm system¹: The hazard warning lamps flash at twice the normal rate for approx. 5 minutes.

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

¹ In certain countries this could differ due to the legal requirements.



Tow-away protection

The switch is located on the storage tray

- 1 Switching off the anti-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.

Switching off the tow-away protection

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

Withdraw the key from the steering lock.

Press the top of the switch (1).

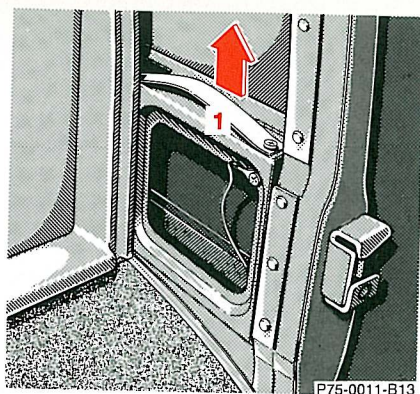
The indicator lamp (2) will come on briefly.

The tow-away protection then remains switched off until the next time the vehicle is centrally locked from the outside.

Ski holders and roof rack

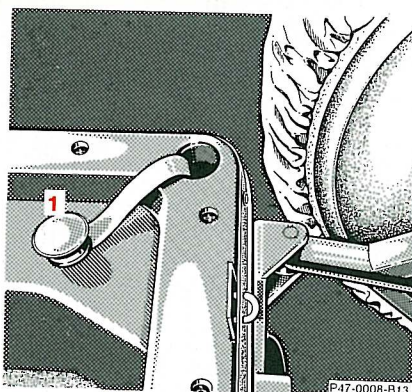
To prevent damage to the vehicle, only use ski holders and roof racks which we have tested and approved.

Observe the manufacturer's fitting instructions.



Mechanically releasing fuel tank flap

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



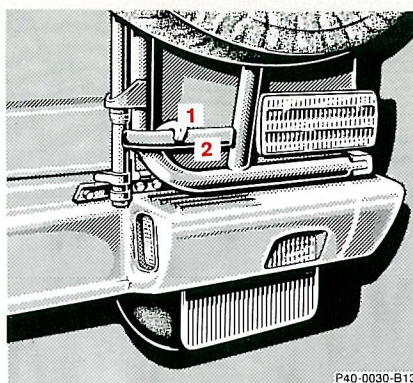
Cabrio:

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

Short wheelbase Station Wagon with stowage box

Note:

The rear panel securing screw located in the stowage box must be removed, before the rear panel trim can be taken off when mechanically releasing the fuel tank flap.



Spare wheel mounting

To swing spare wheel outwards:

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



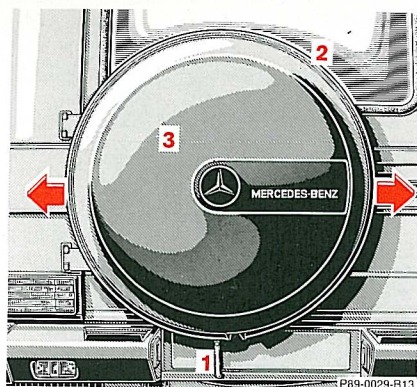
Risk of accident!

The tail lamps can be hidden when the spare wheel is swung outwards. For reasons of safety use a warning light or a warning triangle when the spare wheel is swung outwards.

Note:

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

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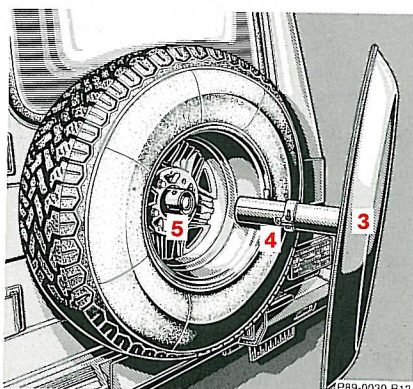


Spare wheel cover (high grade steel)

To remove:

Open the lock (1) with the appropriate key.

Pull the cover ring (2) outwards lightly in direction of arrow and remove.



Pull off the cover plate (3).

To secure:

When pushing the cover plate (3) on, ensure that the retainer (4) is in the recess (5).

When fitting the cover ring (2), ensure that the retainer (1) faces downwards.

Note:

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

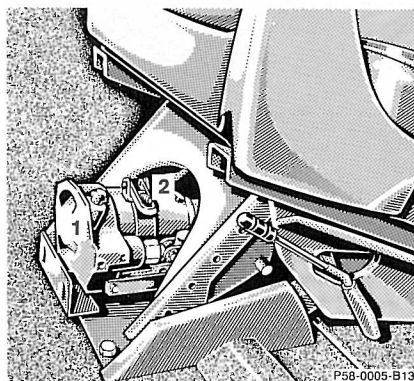
Spare wheel

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.

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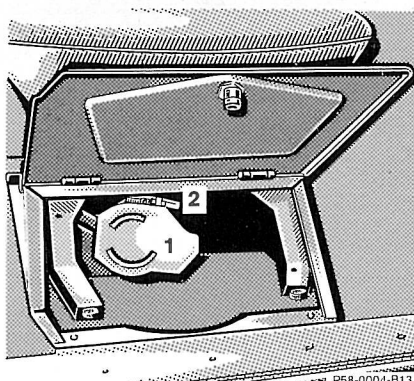


Vehicle jack

- 1 Vehicle jack
- 2 Securing strap

Station Wagon, short wheelbase and Cabrio

The vehicle jack is located under the passenger's seat.



Station Wagon, long wheelbase
The vehicle jack is located in the passenger's seat locker.

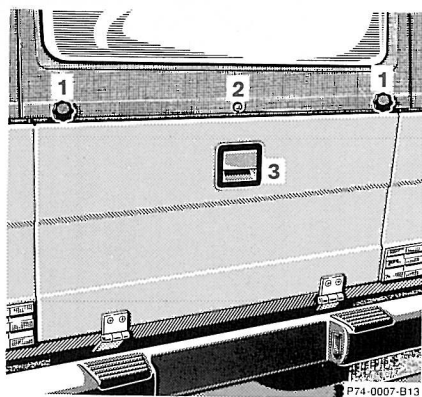


Risk of injury!

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 packing under the jack if the surface is soft or loose.

When working underneath the vehicle it must be placed on stands.



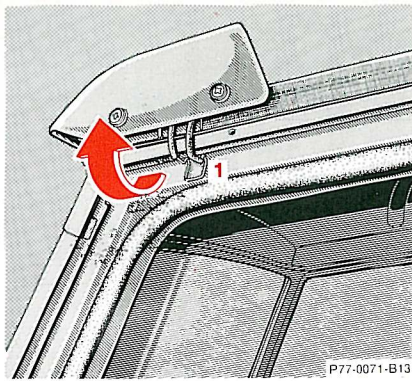
Tailboard (Cabrio)

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

Opening tailboard:

Turn quick release catch (1) to right and pull out. Release press stud (2) and velcro fastening. Slightly open zip fastener at side.

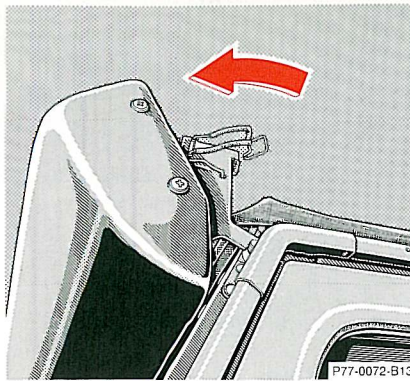
Pull up opening handle (3) and lower tailboard.



Air deflector

The air deflector must be fully swung forwards before the Cabrio top can be opened.

Open front doors and unhook the retaining clip (1) on both driver's and passenger's sides.



Swing air deflector fully in direction of arrow.

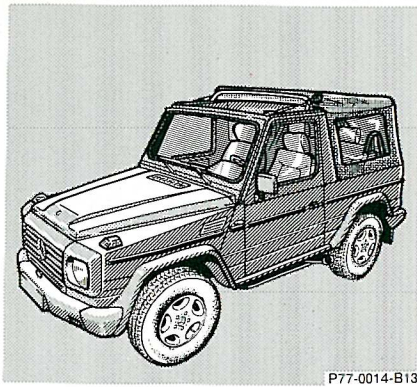
Open Cabrio top.

Then swing air deflector down again and secure with retaining clip.

Notes:

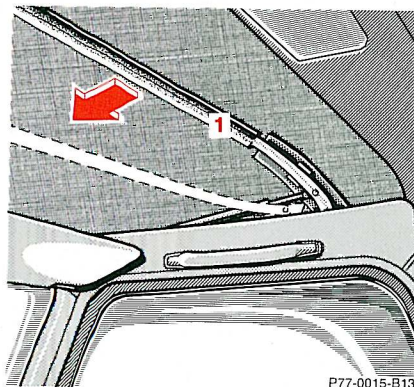
The air deflector can be swung upwards when driving with the Cabrio top open.

The air deflector must always be secured with the retaining clip.

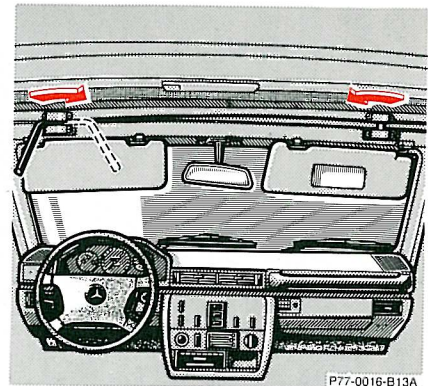


Cabrio top

Opening roof



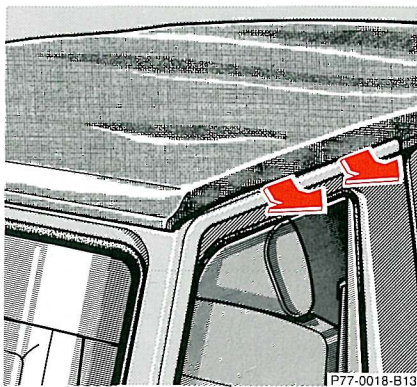
1. Swing tensioning hoop (1) down out of the retainer.



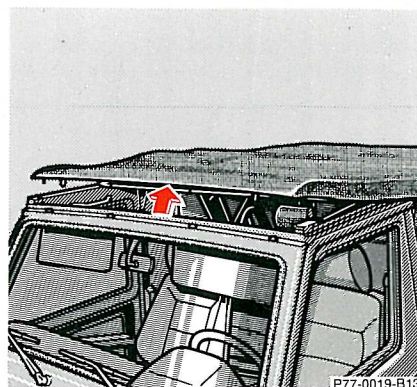
2. Open quick release catch with key (vehicle tools).



3. Release velcro fastener.

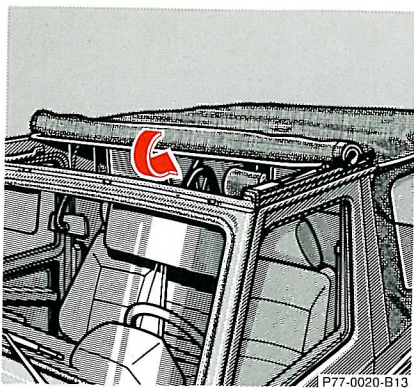


4. Unhook canopy.

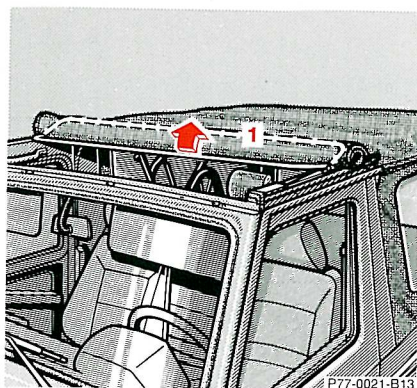


5. Lift canopy.

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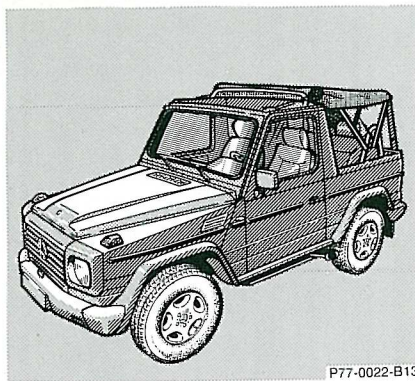


6. Roll canopy inwards.

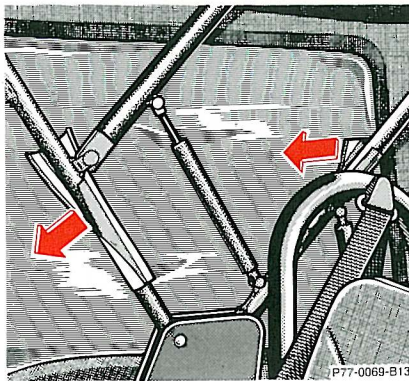


7. Swing tensioning hoop (1) to rear. The canopy is secured.

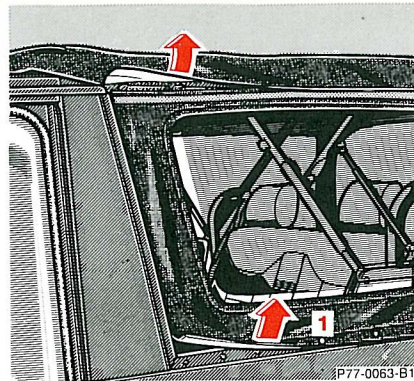
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Removing side parts



1. Release velcro fastener.

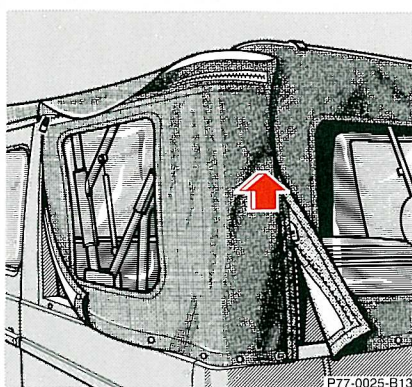


2. Release press studs (1) and velcro fastener.

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3. Release press studs (1) and velcro fastener.

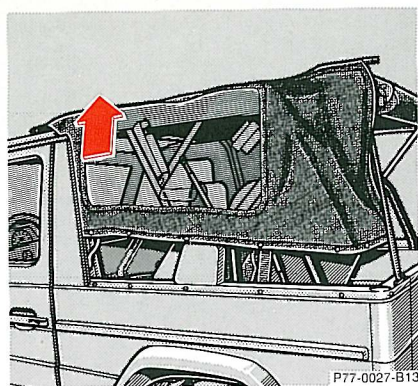


4. Open zip fastener.

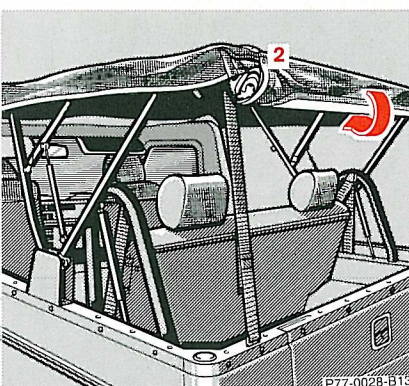


5. Open upper zip fastener.

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6. Pull side parts out upwards.



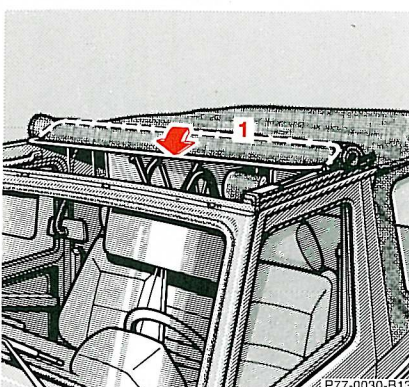
7. Roll canopy inwards and secure with strap (2).

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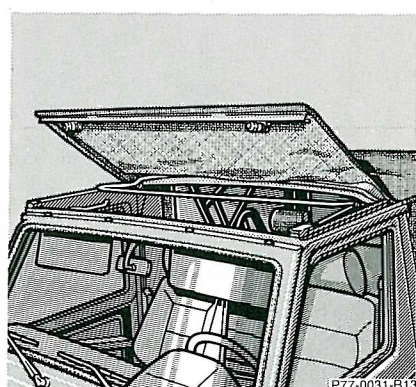


Opening Cabrio top

- Opening roof.
- Removing side parts.



1. Swing tensioning hoop (1) forwards.

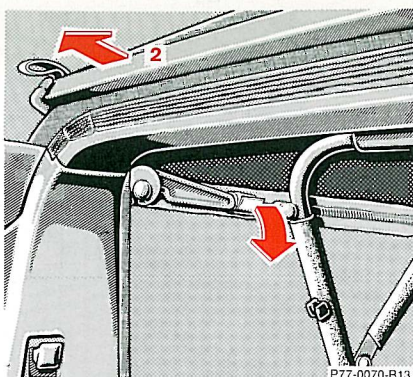


2. Roll canopy forwards.

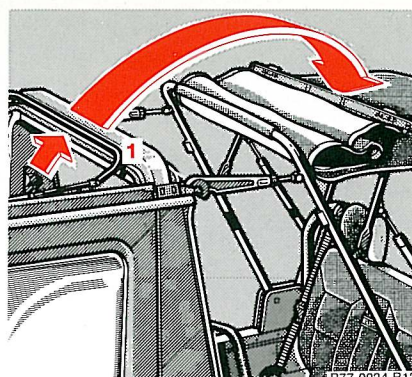
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3. Swing canopy to rear.

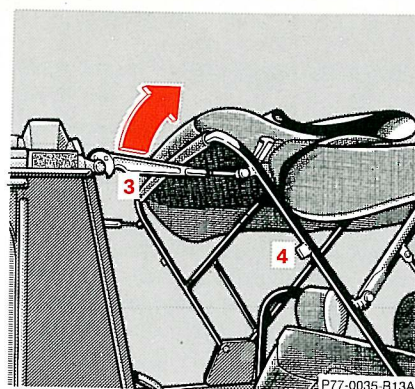


4. Unhook canopy (2) and release velcro fastener at tensioning locks.

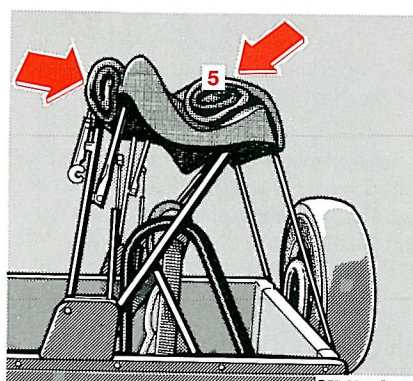


5. Swing canopy and tensioning hoop (1) to rear.

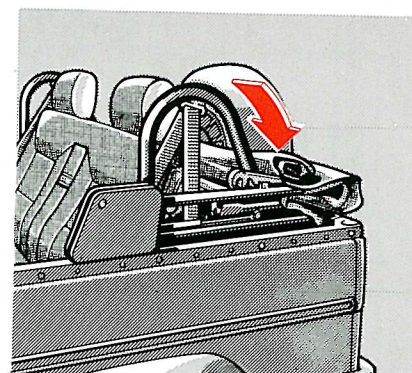
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6. Open tensioning locks (3) and hook into retaining clips (4).

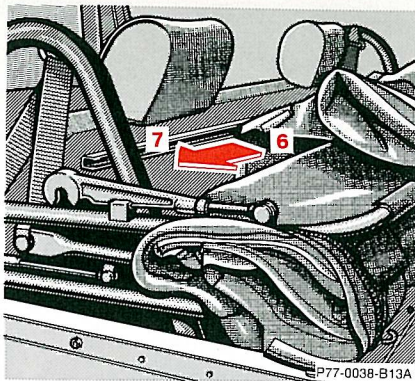


7. Roll side part (5) together tightly and place in the canopy. Fold top together.

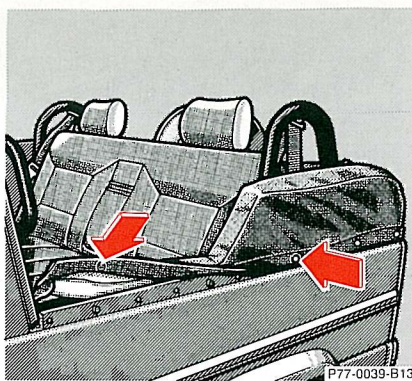


8. Fold top down and secure with the rubber straps on left and right.

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9. Guide canopy (6) into rail (7).



10. Secure canopy with press studs.

Notes:

Cleaning and care of soft-top, see page 61.

The bag with the canopy is located at the rear.

Tyres, 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 like fitting of spacers and brake dust shield plates is not permitted. Any such modifications will invalidate the vehicle's construction and use certification.

Fit only tyres of the same type and make.

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

For vehicles which have wheels of the same dimensions all round: fit single new tyres to a front wheel.

We recommend that new tyres are run in at moderate speeds for about 100 km (approx. 63 miles).

Notes:

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.

Pressed-steel wheels:

Remove any rust which may form on pressed-steel wheels and repaint them.

Important!

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

Changing the wheels round



Risk of accident!

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

Vehicles with the same wheel size all round:

Depending on the degree of tyre wear, change the wheels round every 5 000 to 10 000 km (approx. 3 000 to 6 000 miles). 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.



Risk of injury!

Always comply with the instructions for Changing wheel on page 33.



Risk of accident!

If the wheel bolts are not tightened to a torque setting of 130 Nm they can become loose. Therefore have the tightening torque checked at the earliest opportunity.

Only use genuine Mercedes-Benz wheel bolts – they can be recognised by the Mercedes star.

Other wheel bolts could become loose.

Changing 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 packing under the jack if the surface is soft or loose.

When working underneath the vehicle it must be placed on stands.

If possible, park vehicle on a level surface.

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

2. Place selector lever in P position.
3. Use wheel chocks or similar to prevent the vehicle from rolling away.

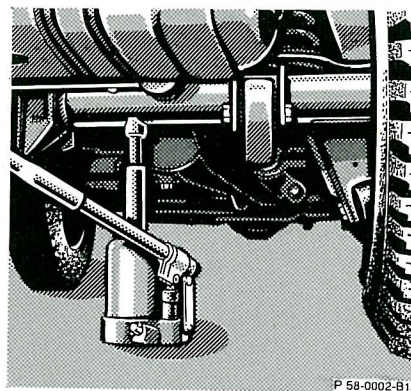
On a level road: chock a front wheel and rear wheel diagonally opposite.

On an uphill or downhill gradient, place chocks on the downhill side of both wheels of other axle.

4. Slacken wheel bolts with the wheel brace (vehicle tools), but do not remove them completely yet.

If the wheel bolts are particularly tight the tube handle from the vehicle jack can be used on the wheel brace as an extension for extra leverage.

5. Place vehicle jack under the axle casing.
The vehicle jack must always stand upright (vertical) – even on gradients



6. Jack up the vehicle until the wheel is clear of the ground.
7. Remove wheel bolts completely. Do not place wheel bolts in sand or soil.
8. Take the wheel off.



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.

Obtain assistance from a Mercedes-Benz Service Station.

Clean wheel and wheel hub contact surfaces.

9. Fit wheel and hold in position. Screw in the wheel bolts and tighten lightly. Only use the correct type of wheel bolt for the wheel.

10. Lower vehicle and remove vehicle jack.

11. Tighten all wheel bolts evenly and diagonally.

12. Correct tyre pressure.



Risk of accident!

Retighten the wheel bolts after approx. 1 000 km.

Tightening torque: 130 Nm.

Tyre pressures

For tyre pressures see table on inside of tank flap.

Correct tyre pressures when loading the vehicle.

Check tyre pressures 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.

Note:

For every 10 °C change in ambient temperature, tyre pressure changes by approx. 0.1 bar. Remember to allow for this when checking tyre pressures inside buildings – particularly in winter.

Example: Building temperature = app. + 20 °C

Outside temperature = app. 0 °C

Tyre pressure to be set = specified pressure + 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 an axle must not be greater than 0.1 bar.

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

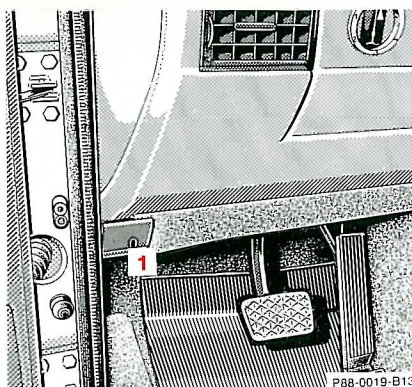
For this reason the tyre pressures should normally be checked and adjusted only when the tyres are cold.

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!

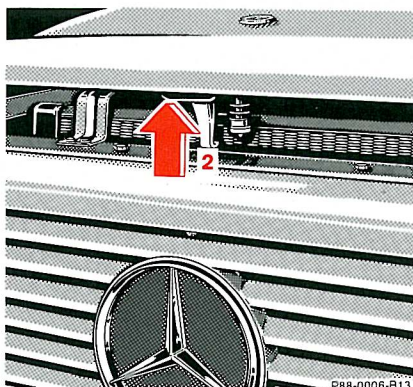
If a tyre pressure drops continuously, it must be checked for punctures and the wheel and tyre valve for leaks.



Engine bonnet

To open the bonnet:

To release the bonnet pull the handle (1) on the left below the dash panel.



The bonnet will open as far as the safety hook (2) will allow it to, if necessary lift bonnet slightly. Operate safety hook and open bonnet.

When opening the bonnet the wiper arms must not be folded forwards.

To close engine bonnet:

Push the bonnet down on the gas strut side.

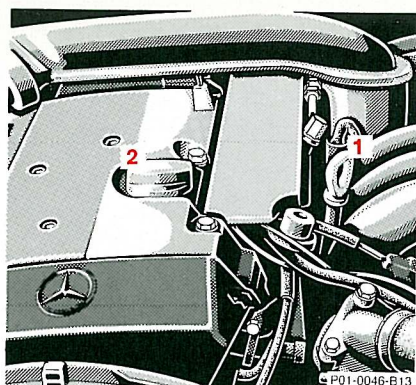


Warning!

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

Vehicles fitted with a 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, H. T. cables, spark plug connectors, diagnostic socket) if

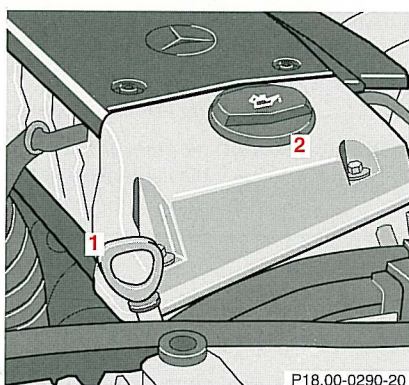
- the engine is running,
- the engine is being started,
- the key is at position 2 in the steering lock and the engine is being turned by hand.



G 320

Engine oil level

- 1 Oil dipstick
- 2 Oil filler cap

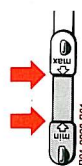


G 300 TURBODIESEL

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 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 dipstick.

Notes:

If the oil level has been over-filled, the excess oil must be extracted or drained off.

Capacities see Operating fluids, see Technical data.

Automatic transmission fluid level

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

Bleeding air from fuel system

Vehicles with diesel engine

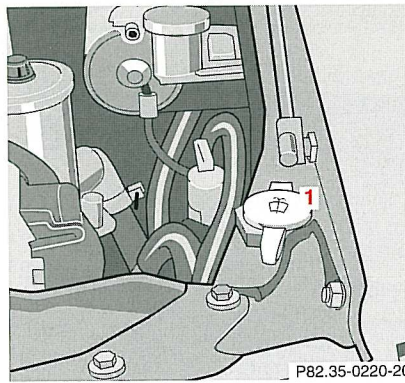
If the engine stops because the fuel tank is empty, after filling the tank the fuel system must be bled.

To do this turn the engine with the starter for a maximum of 60 seconds, until it runs evenly.

G 300 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.

Do not attempt further starting after the 60 seconds, contact a Mercedes-Benz Service Station.



G 300 TURBODIESEL

Reservoir for windscreen wash/wipe and headlamp wash systems

1 Filler cap

Topping-up reservoir:

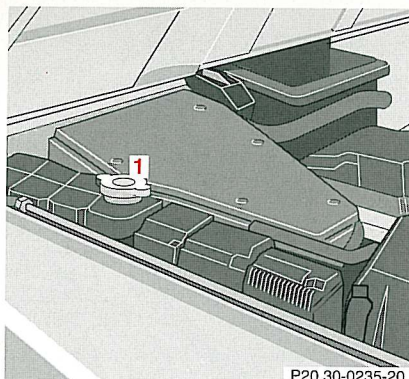
Top-up with water and MB concentrated windscreen washer fluid "S" in summer or "W" in winter. Observe the mixture ratios indicated on the container. Check that the washer systems operate correctly.

Capacities see **Technical data**.



Risk of injury!

The windscreen washer concentrate is highly inflammable.



G 320

Coolant level

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 level must be:

- Up to the mark on the reservoir when the coolant is cold.

Notes:

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

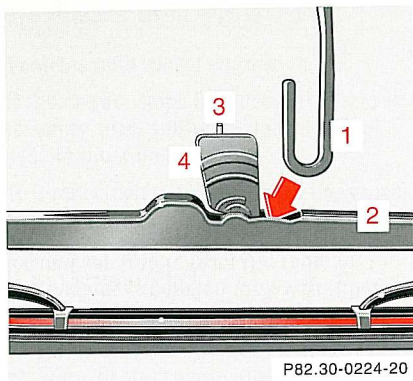
Capacities see **Technical data**.



Risk of injury from hot coolant!

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

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



Renewing wiper blades

Notes:

Instead of changing the complete wiper blade it is also possible to change just the rubbers. We recommend that this work is carried out by Mercedes-Benz Service Station. Do not open the engine bonnet when the wiper arms are folded forward.

Removing:

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

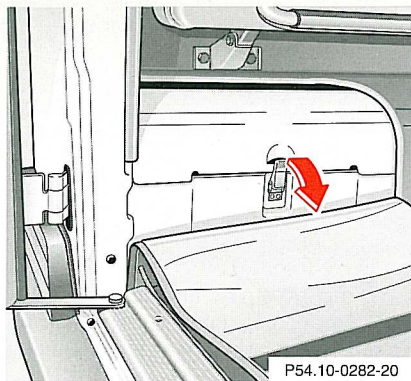
Installing:

Slide the wiper blade onto the wiper arm (arrow). Snap the pivot piece into place in the end of the wiper arm.



Risk of injury!

Withdraw key from steering lock before renewing wiper blades.



Battery

The battery is located in the rear left wheel locker.

Fold back carpet.

Release catch and remove cover.



Observe safety information and safety precautions.



Risk of explosion!



Fire, naked flames and smoking prohibited. Avoid causing sparks.



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

Rinse off acid splashes immediately with cold water. Consult a doctor if necessary.



Wear suitable eye protection.



Keep away from children



Comply with operating instructions

Risk of short circuit!

Do not place any metal objects on the battery.

Notes:

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.



Defective batteries must be disposed of in an environmentally acceptable manner.

Charging the battery

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).

Switch off electrical consumers.

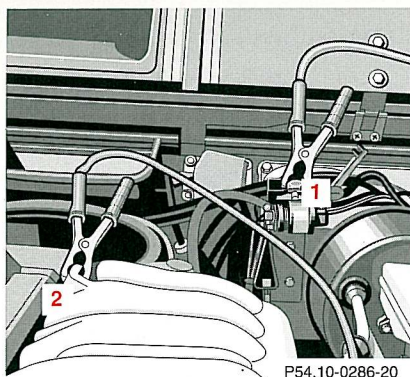
Detach the negative terminal first, then the positive one.

Connecting the battery

Electrical consumers must be switched off.

Connect the positive terminal first, then the negative one.

Do not interchange the battery terminals.



Jump starting



Risk of injury!

Do not lean over the battery while jump 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 41.

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

- Never attempt to start the vehicle if the battery is frozen. Thaw out the battery first.
- Only use batteries with the same nominal voltage and roughly the same capacity as the battery in the vehicle being jump-started.

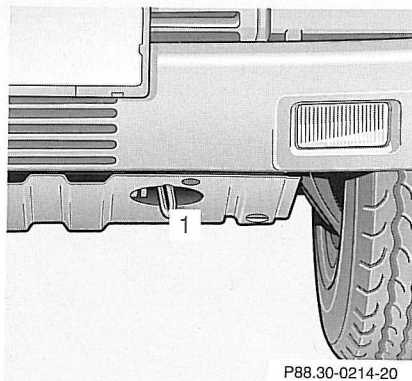
- Use only jump leads of adequate cross-section, with insulated terminal clamps.
- The two vehicles must not come into contact with each other.
- Switch off all current consumers in vehicle.
- First connect the positive terminals of the two batteries with one of the jump leads.
- Start the engine of the assisting vehicle and let it run at idling speed.
- Connect the negative terminals of the two batteries with the other jump lead.
- Start the engine in the usual manner.
- When the is running, switch on current consumers, for instance the heater blower, but do not switch on the lights!
- Disconnect the jump lead from the negative battery terminals first, then from the positive terminals.

Notes:

Vehicles with petrol engine: Jump starting is permissible providing 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.

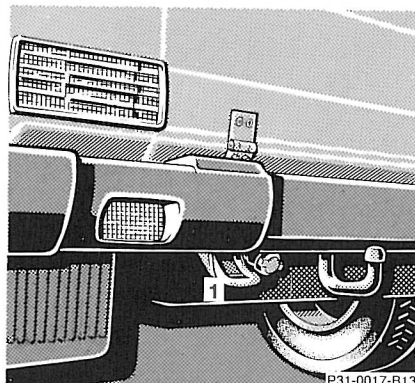
Charging the battery, see page 42.



1 Front towing eye

Towing

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



1 Rear towing eye



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.

Notes:

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 the using a rigid towbar.
Turn the key in the steering lock to position 2.

In the case of engine damage/gearbox damage/fault in the electrical system

Move automatic gearbox selector lever and transfer box gear stick to N position.

Important!

Do not exceed a towing distance of 25 km and a towing speed of 30 km/h.

When towing distances in excess of 25 km, the propeller shafts to the driven axles must be removed.

With transfer box damage

Remove the propeller shafts to the driven axles.

With front axle damage

Suspend the front axle and remove the propeller shaft between the transfer box and rear axle.

With rear axle damage

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

Notes:

When removing the propeller shaft, place M10 nuts on the bolts as spacers and tighten them using M 8 nuts.

When installing the propeller shaft always fit new self locking nuts.

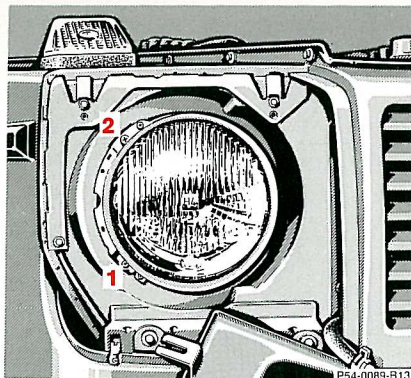
Use extreme caution when pulling out a bogged-in vehicle whose wheels are buried in loose ground or mud, especially if the vehicle is loaded.

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. When possible use the rear towing attachment to pull the vehicle out backwards along the line of entry.

Important!

It is not possible to start the engine by tow-starting.

Jump starting see page 43.



Headlamp adjustment

Adjustment screws:

- 1 Headlamp vertical adjustment
- 2 Headlamp lateral adjustment

Have the headlamp setting checked regularly. Set the headlamp range control to 0 before the check.

Bulb replacement



Risk of injury!

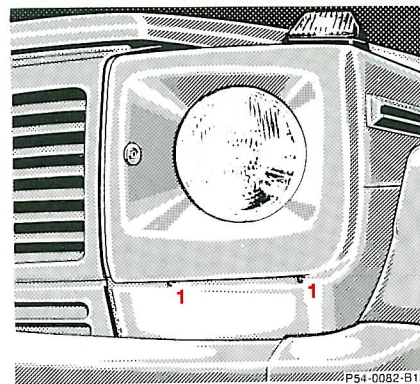
Bulbs and bulb holders can be very hot. For this reason allow the light unit to cool down before changing the bulb. Keep bulbs out of reach of children.

Never use a bulb which has been dropped or its glass is scratched; it could burst. Bulbs are under pressure, therefore wear hand and eye protection.

To prevent a short circuit switch the affected lamp off. Hold bulbs only with paper tissue or similar. 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**.

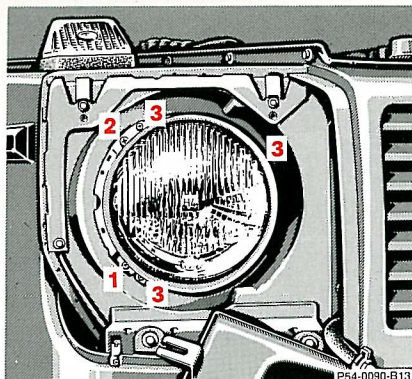


Headlamp H4 60/55W

Remove headlamp surround securing screws (1).

Remove headlamp surround with seal.

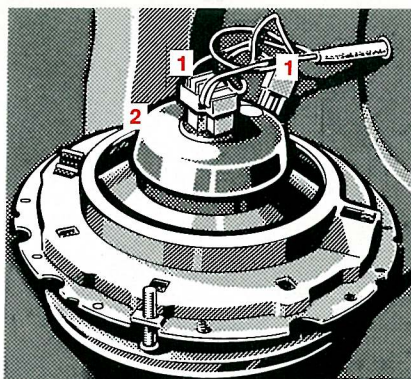
48



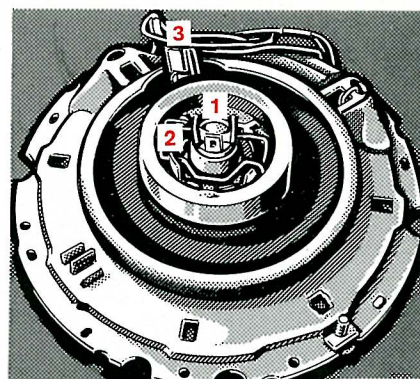
Do not turn adjustment screws (1) and (2) as this will disturb the headlamp setting.

Remove headlamp securing screws (3).

Take out headlamp.



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



1 Bulb for main and dipped beam H4 60/55W

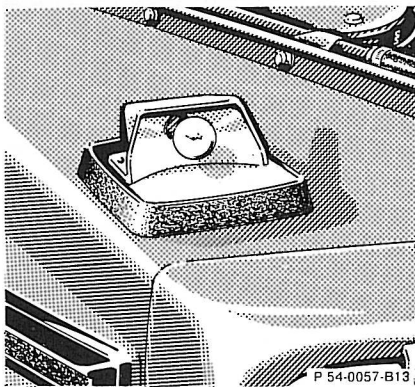
2 Bulb retaining spring clip

3 Side lamp bulb 4W

Unhook bulb retaining spring clip (2) and remove bulb with bulb plate (1).

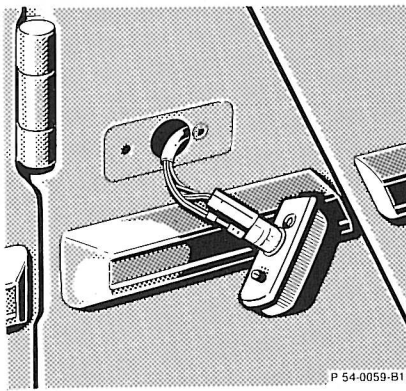
Insert new bulb so that the lug on the bulb plate locates in the recess.

49



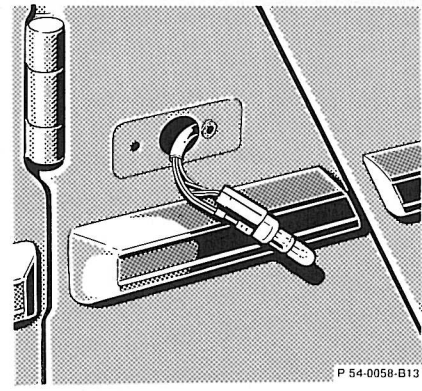
Front turn signals 21W

Remove securing screws and take lens off.
When reassembling do not over tighten the securing screws as this could cause the lens to break.



Side mounted turn signals 4W

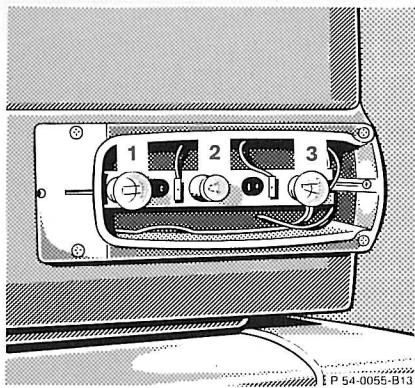
Remove securing screws from turn signal housing and pull out of wing.



Pull bulb holder out of turn signal housing.

Pull bulb out of bulb holder.

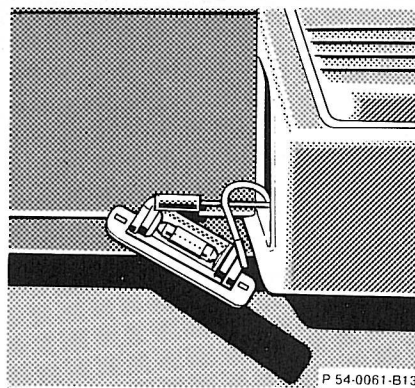
50



Tail lamps

- 1 Brake lamp 21W
- 2 Tail lamp 5W
- 3 Turn signal 21 W

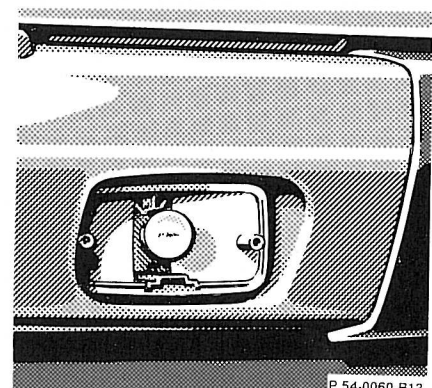
Remove lens securing screws and take lens off. To replace bulbs, press bulb in, turn to left and remove.



Licence plate lamp

Festoon bulb 5W

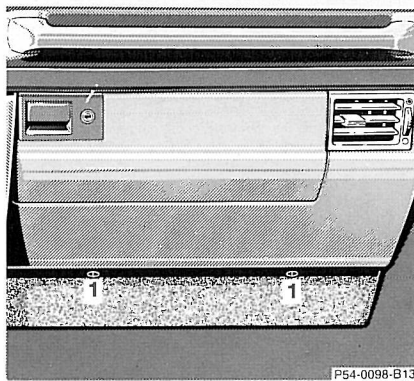
Remove securing screws and take out lamp assembly.



Reversing lamp and rear fog lamp 21W

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

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Electrical fuses

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

Remove the securing screws (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.

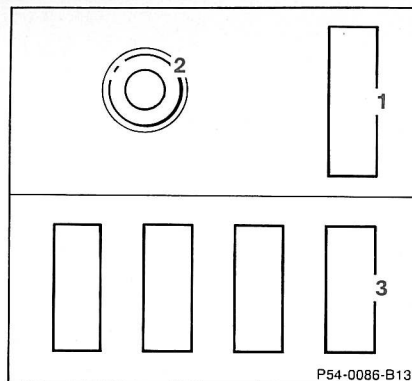
Ensure that the ampere rating and the colour of the replacement fuse are correct.

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

Do not attempt to repair or bridge fuses.

Refit and tighten fuse box cover after replacing a fuse.

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Testing fuses

Fuses can be tested for serviceability in the test socket.

- Open 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 defective fuse with replacement fuse (3).

3 Spare fuse storage

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F1 Fuse 7.5 A
Left tail lamp,
left side lamp

F2 Fuse 7.5 A
right tail lamp,
right side lamp,
instrument panel illumination,
Licence plate lamp

F3 Fuse 15 A
front fog lamp,
rear fog lamp

F4 Fuse 7.5 A
left main beam

F5 Fuse 7.5 A
right main beam,
main beam indicator lamp

F6 Fuse 7.5 A
left dipped beam

F7 Fuse 7.5 A
right dipped beam

F8 Fuse 15 A
front wiper system,
reversing lamp

F9 Fuse 20 A
circulation pump,
air flap,
heater blower,
glove box lamp

F10 Fuse 10 A
washer jet heating,
brake lamps,
combi instrument,
Tempomat,
EDW and FBS control unit

F11 Fuse 10 A
turn signals,
mirror adjustment,

F12 Fuse 15 A
rear wash/wipe system

F13 Fuse 10 A
entry/exit lamp,
hazard warning lamp system,
exhauster,
radio, aerial,
front interior lamps,
KFB

F14 Fuse 20 A
rear interior lamps,
rear window heating

F15 Fuse 15 A
radio,
cigar lighter,
KFB, airbag warning lamp,
terminal 15R

F16 Fuse 15 A
ASS sensor,
CL control unit

F17 Fuse 7.5 A
G 300 TURBODIESEL
RP lock,
cross country gear switch
G 320
Kickdown

F18 Fuse 10 A
headlamp
washer system

F19 Fuse 7.5 A
double fan relay,
compressor control unit

F20 Fuse 15 A
auxiliary heater

F21 Fuse 20 A
auxiliary heater

F22 Fuse 25 A
front seat heating

F23 Fuse 30 A
double fan

F24 Fuse 25 A
windscreen heater

F25 Fuse 15 A
G 300 TURBODIESEL
temperature switch
engine oil fan
G 320
tank breather valve,
engine management

F26 Fuse 10 A
IFZ control unit

F27
vacant

F28
vacant

D1
IFZ,
central locking, unlocking

D2
IFZ,
central locking, locking

D3
rear interior lamps

D4
vacant

D5
daylight driving lamps

D6

vacant

A Fuse 15 A
sliding roof**B Fuse 30 A**
front electric windows**C Fuse 30 A**
rear electric 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)****F1 Fuse 15 A**
run-on relay,
differential lock,
ABS/EGS**F2 Fuse**
vacant**F3 Fuse**
vacant**F4 Fuse**
vacant**F5 Fuse 10 A**
exhaust gas recirculation (EPW)**F6 Fuse 15 A**
fanfare horn**relay unit (petrol engine HFM)****F1 Fuse 15 A**
differential lock/ABS**F2 Fuse**
vacant**F3 Fuse**
vacant**F4 Fuse 40 A**
air pump**F5 Fuse 15 A**
fuel pump**F5 Fuse 15 A**
fanfare horn**Cleaning and care – exterior**

When you drive your car, it is exposed to numerous external influences. These include inclement weather, road conditions, and proximity to industrial and coastal areas.

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

Stone chippings and soiling such as insect remains, bird droppings, tree resin, oil, grease and fuel should be removed as soon as possible.

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

Scratches, aggressive 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 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
- 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 sponge and leather frequently. Rinse off with clear water and leather vehicle dry thoroughly.

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

When washing the underside of the vehicle, do not forget the inside 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 (for outside 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 washing plant, 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 can 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 attached parts (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 light-alloy wheel care
MB light-alloy wheel cleaner

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 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
- Use for routine care.

Cabrio top

Carry out cleaning with the top locked in place.

Important!

Never wash the vehicle in an automatic car washing plant. Never clean the cabrio top with a high pressure cleaning appliance.

Notes

Remove bird droppings immediately.

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

Do not use petrol, thinners, tar remover, stain remover or other organic solvents to clean cabrio top or windows.

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

Dry cleaning:

Brush cabrio top with a soft brush, always brushing in the same direction – from front to rear.

Wet cleaning:

First brush off cabrio top dry. Wash roof fabric with plenty of lukewarm water. At the same time brush with a soft brush or sponge, always brushing in the same direction – from front to rear. Rinse thoroughly with clean water.

If only certain areas are being washed, finish by wetting down the entire roof and then allow it to air dry.

The rear and side windows should only be cleaned by wiping with a cloth dampened in detergent solution and then wiped dry.

Notes:

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

The cabrio top should only be washed if very dirty.

Publication information

You can obtain the following publications through any Mercedes-Benz Service Station:

- Mercedes-Benz road atlas
- Mercedes-Benz Service Station directories for EUROPE, AFRICA, AMERICA, ASIA, AUSTRALIA

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