



B-Class

Owner's Manual



Mercedes-Benz

Welcome to the world of Mercedes-Benz

Before you drive off, please familiarise yourself with your vehicle and read this manual, especially the safety and warning notices. This will help you to obtain the maximum pleasure from your vehicle and avoid endangering yourself and others.

The equipment or model designation of your vehicle may differ according to:

- model
- order
- country variant
- availability

The illustrations in this manual show a left-hand-drive vehicle. On right-hand-drive vehicles, the arrangement and location of vehicle parts and controls differ accordingly.

Mercedes-Benz is constantly updating its vehicles to the state of the art.

Mercedes-Benz therefore reserves the right to introduce changes in the following areas:

- design
- equipment
- technical features

Therefore, you cannot base any claims on the illustrations or text content in this Owner's Manual.

The following are integral components of the vehicle:

- Owner's Manual
- Brief Instructions
- Service Booklet
- Equipment-dependent supplements

Keep these documents in the vehicle at all times. When you sell the vehicle, always pass the documents on to the new owner.

-  You can get to know the important features of your vehicle in the interactive Owner's Manual on the Internet at:

<http://www.mercedes-benz.de/betriebsanleitung>

The technical documentation team at Daimler AG wishes you safe and pleasant motoring.

Symbols

	Warning
	Environmental note
	Possible vehicle damage
	Tip
	Action required
	Continuation symbol
	Page reference
	Display in the multifunction display/COMAND display



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Protection of the environment

Notes

Environmental note

Daimler's declared policy is one of integrated environmental protection.

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 vehicle in an environmentally responsible manner.

Fuel consumption and the rate of engine, transmission, brake and tyre wear depend on the following factors:

- operating conditions of your vehicle
- your personal driving style

You can influence both factors. You should bear the following in mind:

Operating conditions:

- avoid short trips as these increase fuel consumption.
- make sure that the tyre pressures are always correct.
- do not carry any unnecessary weight.
- keep an eye on the vehicle's fuel consumption.
- remove roof racks once you no longer need them.
- a regularly serviced vehicle will contribute to environmental protection. You should therefore adhere to the service intervals.
- always have maintenance work carried out at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Personal driving style:

- do not depress the accelerator pedal when starting the engine.
- do not warm up the engine with the vehicle stationary.

- drive carefully and maintain a safe distance from the vehicle in front.
- avoid frequent, sudden acceleration.
- change gear in good time and use each gear only up to $\frac{2}{3}$ of its maximum engine speed.
- switch off the engine in stationary traffic.

Returning end-of-life vehicles

Mercedes-Benz will take back your Mercedes-Benz to dispose of it in an environmentally responsible manner, in accordance with the European Union (EU) End of Life Vehicles Directive.

The End of Life Vehicles Directive applies to vehicles with a gross vehicle weight of up to 3.5 t, in accordance with national regulations. For several years, Mercedes-Benz has been meeting all the legal requirements for a design which allows for recycling and reuse. There is a network of return points and disassembly plants which can recycle your vehicle in an environmentally responsible manner. The options for recycling vehicles and parts are constantly being developed and improved. This means that your Mercedes-Benz will also continue to meet even the increased recycling quotas in the future in good time. You can obtain further information from your national Mercedes-Benz homepage or your national hotline number.

Vehicle equipment

This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions. The equipment in your vehicle may therefore differ from that shown in the descriptions and illustrations. All the systems found in your vehicle

are listed in the original purchase agreement of your vehicle. Should you have any questions concerning equipment and operation, please consult a Mercedes-Benz Service Centre.

Operating safety

Safety notes

Risk of accident and injury

All work on the vehicle and, in particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. The specialist workshop must have the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

Risk of accident and injury

Some safety systems only function when the engine is running. You should therefore never switch off the engine when driving. Otherwise, the safety systems of your vehicle may not function correctly and as a result will no longer protect you and other persons as intended. In addition, there is a risk that you may lose control of your vehicle and thus cause an accident.

Risk of accident and injury

Work carried out incorrectly, or alterations made to the vehicle, e.g. re-routing of cables under coverings, could cause the safety systems of your vehicle to stop working properly. The safety systems would thus no longer protect you and other persons as intended. In addition, there is a risk that you may lose control of your vehicle and thus cause an accident.

All work and alterations to the vehicle, e.g. installations or modifications, should therefore be carried out at a qualified specialist workshop.

Risk of accident

If work on electronic equipment and its software is carried out incorrectly, this equipment could stop working. The electronic systems are networked via interfaces. Tampering with these electronic systems could cause malfunctions in systems which have not been modified. Malfunctions such as these can seriously jeopardise the vehicle's operating safety and therefore your own safety.

You should therefore have all work and modifications to electronic components carried out at a qualified specialist workshop.

Risk of accident

Driving over obstacles or on unpaved roads could cause heavy impacts to the vehicle underbody, wheels or tyres. This could cause your vehicle to be damaged, which in turn might lead to an accident.

You should therefore drive over obstacles slowly. Avoid driving on unpaved roads and tracks. If the vehicle underbody, wheels or tyres have been hit, have the vehicle checked at a qualified specialist workshop.

-  The vehicle is only suitable for driving on paved roads. You could damage the vehicle if you drive on unpaved roads and tracks. Amongst others, safety-relevant systems could fail as a result.

Vehicle registration

Mercedes-Benz may ask its Service Centres to carry out technical inspections on certain vehicles to improve their quality or safety.

If you did not purchase your vehicle from an authorised specialist dealer and your vehicle has never been inspected at a Mercedes-Benz Service Centre, it is possible that your vehicle is not registered in your name with Mercedes-Benz. Mercedes-Benz can only inform you about vehicle checks if it has your registration data.

It is advisable to register your vehicle with a Mercedes-Benz Service Centre.

Inform Mercedes-Benz as soon as possible about any change in address or vehicle ownership.

Correct use

Observe the following information when using your vehicle:

- the safety notes in this manual
- the "Technical data" section in this manual
- national road traffic regulations
- national road traffic licensing regulations

Risk of injury

Various warning stickers are affixed to your vehicle. Their purpose is to draw your attention, and the attention of others, to various dangers. Therefore, do not remove any warning stickers unless the sticker clearly states that you may do so.

If you remove the warning stickers, you or others could be injured by failing to recognise certain dangers.

Implied warranty

- ❗ Follow the instructions in this manual about the proper operation of your vehicle as well as about possible vehicle damage. Damage to your vehicle that arises from culpable contraventions against these instructions are not covered either by Mercedes-Benz implied warranty or by the New or Used-Vehicle Warranty of Daimler AG.

Data stored in the vehicle

Fault data

Components critical for vehicle operation are equipped with fault data memories as standard. There are also data storage devices

which record the technical reactions of vehicle components to certain driving situations (e.g. airbag deployment or ESP® intervention).

This data is used exclusively to:

- assist in the rectification of faults and defects
- help Mercedes-Benz optimise and develop vehicle functions

The data cannot be used to trace the vehicle's movements.

When your vehicle is serviced by Mercedes-Benz, this technical information can be read out from the fault memory. This is performed by authorised employees of the Mercedes-Benz service network using special diagnostic computers.

After a fault has been rectified, the information is deleted from the memory. Other memory data is constantly overwritten.

Other devices that store data

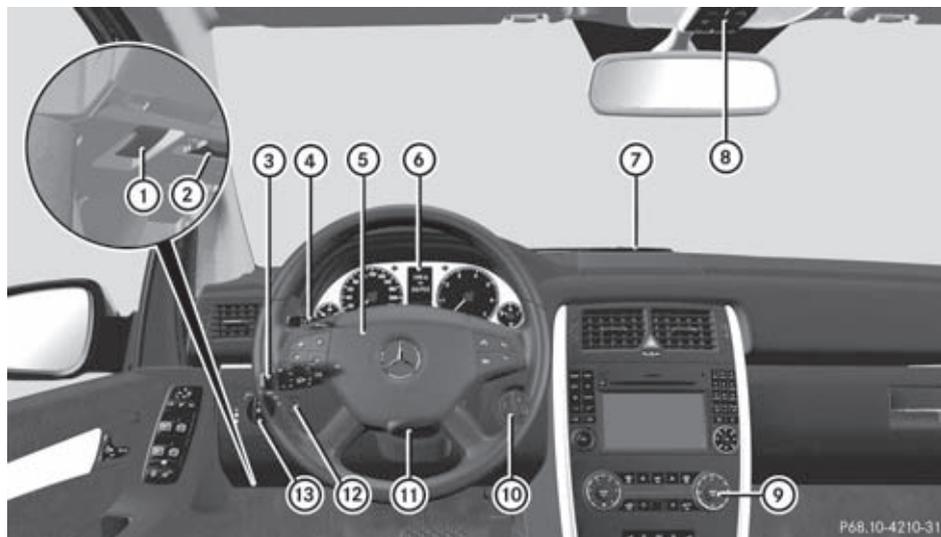
Depending on the equipment level, your vehicle may feature communications and/or entertainment systems (e.g. navigation devices, telephone systems). These allow you to save and edit data required for the operation of the respective device.

Further information on operation (e.g. on deleting data) can be found in the separate operating instructions.

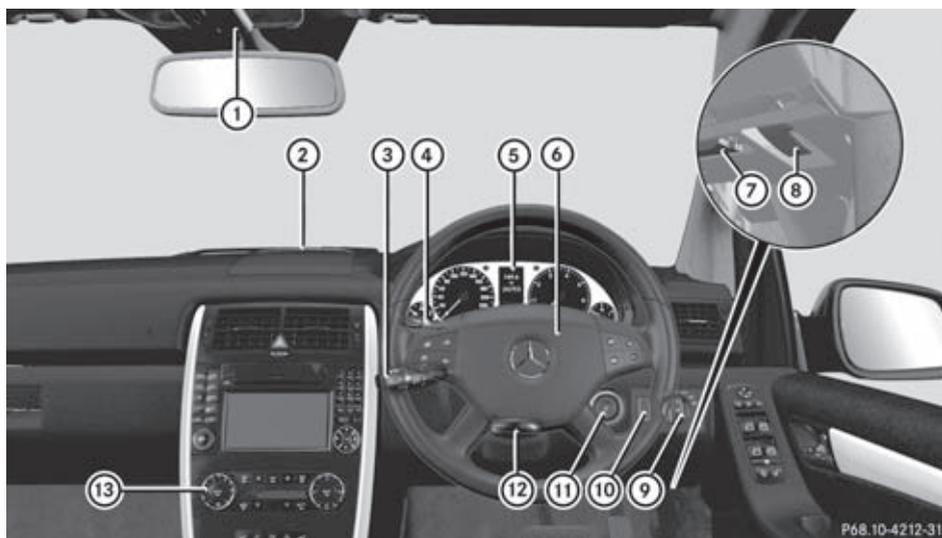
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Cockpit

At a glance



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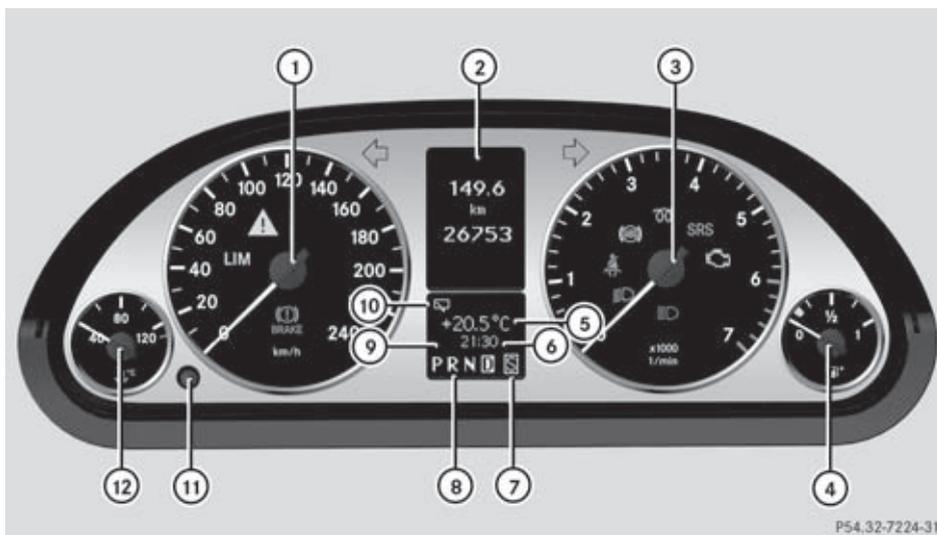


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Instrument cluster

Displays and controls



P54.32-7224-31

i Instrument cluster, kilometres

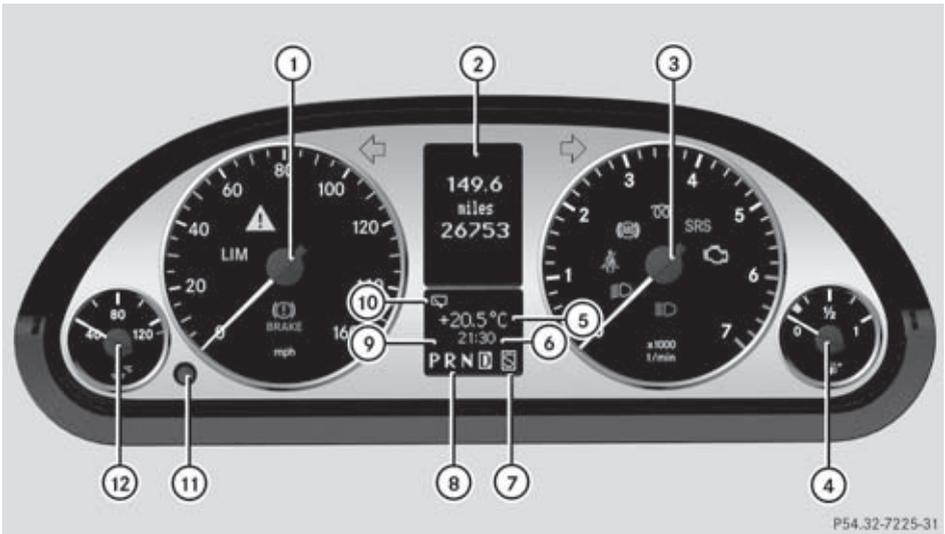
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¹ Vehicles for United Kingdom: the speed in km/h is always shown instead of the outside temperature.

² Vehicles with AUTOTRONIC.

³ Vehicles with manual transmission.



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i Instrument cluster, miles

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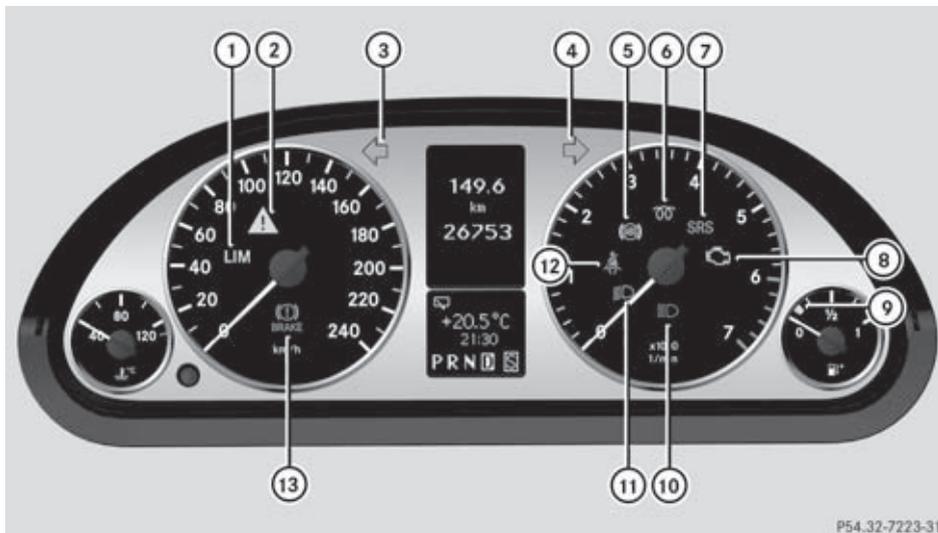
	Function	Page
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⁴ Vehicles for United Kingdom: the speed in km/h is always shown instead of the outside temperature.

⁵ Vehicles with AUTOTRONIC.

⁶ Vehicles with manual transmission.

Warning and indicator lamps



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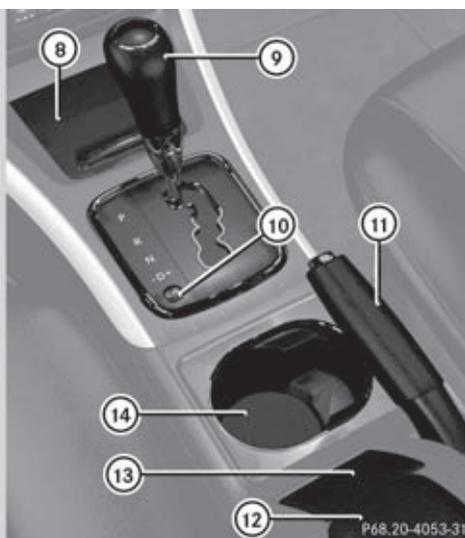
Multifunction steering wheel



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Overhead control panel

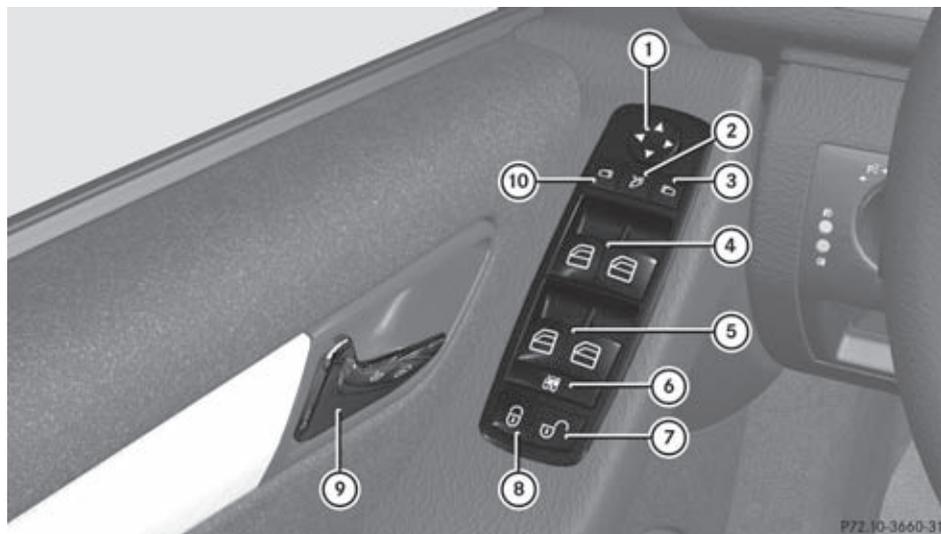


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At a glance



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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Occupant safety

Important safety notes

Seat belts, together with belt tensioners, belt force limiters and airbags, are complementary, coordinated restraint systems. They reduce the risk of injury in specific, predefined types of accident situations and thereby increase occupant safety. However, seat belts and airbags generally do not protect against objects penetrating the vehicle from the outside.

To ensure that the restraint systems can deliver their full potential protection, make sure that:

- the seat and head restraint are adjusted properly (> page 68).
- the seat belt has been fastened properly (> page 36).
- the airbags can inflate unrestricted if deployed (> page 32).
- the steering wheel is adjusted properly (> page 68).
- the restraint systems have not been modified.

i An airbag increases the protection of vehicle occupants wearing a seat belt. As such they are only an additional restraint system which complements, but does not replace, the seat belt. All vehicle occupants must wear their seat belt correctly at all times, even if the vehicle is equipped with airbags. Airbags are not deployed in all

types of accidents, e.g. in situations where airbag deployment would not increase the protection afforded by a correctly worn seat belt. Airbag deployment only provides increased protection if the seat belt is worn correctly because:

- the seat belt helps to keep the vehicle occupant in the best position in relation to the airbag.
- in a head-on collision, for example, the seat belt prevents the vehicle occupant from being propelled towards the point of impact and thus can reduce the risk of injury.

Therefore, in accident situations where an airbag is deployed, it only provides protection in addition to the seat belt if the seat belt is being worn correctly.

Risk of accident and injury

If service work is not carried out correctly, the operating safety of your vehicle may be affected. This could cause you to lose control of your vehicle and cause an accident. Moreover, the safety systems may no longer be able to protect you or others as they are designed to do.

Always have service work carried out at a qualified specialist workshop. The workshop must have the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Risk of injury

Modifications to or work performed incorrectly on the following parts can result in the restraint systems not functioning as intended:

- the restraint system, consisting of seat belts and their anchorage points, belt tensioners, belt force limiters and airbags
- the wiring
- networked electronic systems

Airbags and belt tensioners could fail to deploy or be triggered in an accident despite the deceleration force being sufficient to trigger the systems, or could be triggered unintentionally. For this reason, never make any modifications to the restraint systems.

Therefore, you must not tamper with electronic components or their software.

SRS (Supplemental Restraint System)

Introduction

SRS reduces the risk of occupants coming into contact with the vehicle's interior in the event of an accident. It can also reduce the effect of the forces to which occupants are subjected during an accident.

SRS consists of:

- **SRS** SRS warning lamp
- airbags
- airbag control unit (with crash sensors)
- belt tensioners for the front seat belts and the outer seat belts in the rear
- belt force limiters for the driver's and front-passenger seat

SRS warning lamp

SRS functions are checked regularly when you switch on the ignition and when the engine is running. Therefore, malfunctions can be detected in good time.

The **SRS** SRS warning lamp in the instrument cluster lights up when the ignition is switched on. It goes out no later than a few seconds after the engine is started.

Risk of injury

If SRS is malfunctioning, individual systems may be activated unintentionally or may not be triggered in the event of an accident with a high rate of vehicle deceleration.

A malfunction has occurred if:

- the **SRS** SRS warning lamp does not light up when the ignition is switched on.
- the engine is running and the **SRS** SRS warning lamp does not go out after a few seconds.
- the engine is running and the **SRS** SRS warning lamp lights up again.

In this case, have SRS checked immediately at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Triggering of belt tensioners, belt force limiters and airbags

During the first stage of a collision, the airbag control unit evaluates important physical data relating to vehicle deceleration or acceleration, such as:

- duration
- direction
- magnitude

Based on the evaluation of this data, the airbag control unit pre-emptively triggers the belt tensioners in the first stage.

If there is an even higher rate of vehicle deceleration or acceleration in a longitudinal direction, the front airbags are also deployed.

Your vehicle has adaptive, two-stage front airbags. The airbag control unit evaluates vehicle deceleration or acceleration in the event of a collision. When the first deployment threshold is reached, the front airbag is filled with enough propellant gas to reduce the risk of injuries. The front airbag is fully deployed if a second deployment threshold is exceeded within a few milliseconds.

The belt tensioner and airbag triggering thresholds are variable and are adapted to the rate of deceleration or acceleration of the vehicle. This process is pre-emptive in nature.

The triggering process must take place in good time at the start of the collision.

i Not all airbags are deployed in an accident. The different airbag systems work independently of each other.

How the airbag system works is determined by the severity of the accident detected, especially the vehicle deceleration or acceleration, and the apparent type of accident:

- head-on collision
- side impact

The rate of vehicle deceleration or acceleration and the direction of the force are essentially determined by:

- the distribution of forces during the collision
- the collision angle
- the deformation characteristics of the vehicle
- the characteristics of the object with which the vehicle has collided

Factors which can only be seen and measured after a collision has occurred do not play a decisive role in the deployment of an airbag, nor do they provide an indication of airbag deployment.

The vehicle may be deformed significantly, e.g. the bonnet or the wing, without an airbag being deployed. This is the case if only parts which are relatively easily deformed are affected and the deployment threshold is not reached. Conversely, airbags may be deployed even though the vehicle suffers only minor deformation. This is the case if, for example, very rigid vehicle parts such as longitudinal body members are hit, and sufficient deceleration occurs as a result.

Airbags

Important safety notes

Airbag deployment slows down and restricts the movement of the vehicle occupant.

When the airbags are deployed, you will hear a bang and a small amount of powder may also be released. Only in rare cases will the bang affect your hearing. The powder that is released generally does not constitute a health hazard. The **SRS** SRS warning lamp lights up.

The airbag installation locations are identified by the AIRBAG symbol.

Risk of injury

Airbags provide additional protection; they are not, however, a substitute for seat belts.

Observe the following notes to reduce the risk of serious or even fatal injury caused by airbag deployment:

- All vehicle occupants – in particular, pregnant women – must wear their seat belt correctly at all times and lean back against the backrest, which should be positioned as close to the vertical as possible. The head restraint must support the back of the head at about eye level.
- Always secure children less than 1.50 m tall and under 12 years of age in suitable child restraint systems.
- All vehicle occupants must select a seat position that is as far away from the airbag as possible. The driver's seat position must allow the vehicle to be driven safely. The driver's chest should be as far away from the centre of the driver's airbag cover as possible.
- Move the front-passenger seat as far back as possible. This is especially important if you have secured a child in a child restraint system on the front-passenger seat.
- Vehicle occupants – in particular, children – must not lean their heads into the area of the window in which a sidebag or head/thorax sidebag is deployed.

- Rearward-facing child restraint systems must not be fitted to the front-passenger seat unless the front-passenger airbag has been disabled. On the front-passenger seat, the front-passenger airbag is disabled if a child restraint system with automatic child seat recognition is fitted to the front-passenger seat. The  PASSENGER AIRBAG OFF indicator lamp must be continuously lit.

If the front-passenger seat of your vehicle does not have automatic child seat recognition, or your rearward-facing child restraint system does not have automatic child seat recognition, children must be secured in a child restraint system on a suitable seat in the rear. If you secure a forward-facing child restraint system to the front-passenger seat, you must move the front-passenger seat as far back as possible.

- Make sure there are no heavy or sharp-edged objects in pockets of clothing.
- Do not lean forwards, e.g. over the cover of the driver's/front-passenger airbag, particularly when the vehicle is in motion.
- Do not put your feet on the dashboard.
- Only hold the steering wheel by the rim. This allows the airbag to deploy fully. You could be injured if the airbag is deployed and you are holding the inside of the steering wheel.
- Do not lean on the doors from inside the vehicle.
- Make sure that there are no people, animals or objects between the vehicle occupants and the area of deployment of the airbag.
- Do not place any objects between the seat backrest and the door.
- Do not hang any hard objects, for example, coat hangers, on the grab handles or coat hooks.
- Do not attach accessories, e.g. cup holders, to the doors.

It is not possible to rule out a risk of injury being caused by an airbag due to the high speed at which the airbag must be deployed.

Risk of injury

Airbag functionality can only be assured if the following parts are not covered and no badges or stickers are attached to them:

- padded steering wheel boss
- front-passenger airbag cover
- outer side of front seat bolsters
- side trim next to the rear seat backrest

Risk of injury

A small amount of smoke is released briefly when an airbag is deployed. The smoke could cause short-term breathing difficulties in people with asthma or other respiratory problems.

In order to prevent breathing difficulties, you should leave the vehicle as soon as it is safe to do so. You can also open the window to allow fresh air to enter the interior. The smoke does not constitute a health hazard and does not indicate that there is a fire in the vehicle.

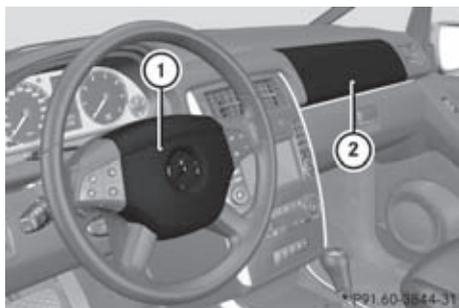
Risk of injury

The airbag parts are hot after the airbag has been deployed. Do not touch them as you could burn yourself.

Have the airbags replaced at a qualified specialist workshop. Otherwise, occupants are not protected by the airbags in the event of another accident.

Front airbags

The front airbags increase protection for the driver's and front-passenger's head and chest.



Driver's airbag ① deploys in front of the steering wheel; front-passenger airbag ② deploys in front of and above the glove compartment.

They are deployed:

- at the start of an accident with a high rate of vehicle acceleration or deceleration in a longitudinal direction
- if the system determines that airbag deployment can offer additional protection to that provided by the seat belt
- if the seat belt is fastened
- independently of other airbags in the vehicle

Front-passenger airbag ② is only deployed if the front-passenger seat is occupied or if the  PASSENGER AIRBAG OFF indicator lamp in the centre console is not lit (> page 41). This means that a child restraint system with automatic child seat recognition has not been fitted to the front-passenger seat or has been fitted incorrectly.

! Do not place heavy objects on the front-passenger seat. This could cause the system to identify the seat as being occupied. In the event of an accident, the restraint systems on the front-passenger side are triggered. Have restraint systems that have been triggered replaced.

Head/thorax sidebags, sidebags in the rear compartment

If your vehicle is fitted with windowbags, the front seats of the vehicle will be equipped

with sidebags instead of head/thorax sidebags.

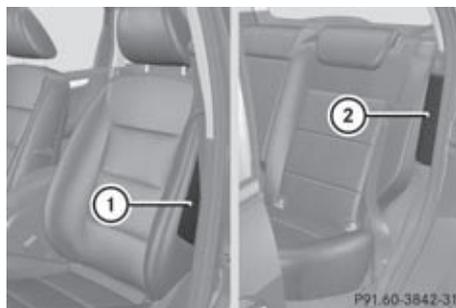
Risk of injury

If you wish to use seat covers, Mercedes-Benz recommends that, for safety reasons, you only use seat covers that have been approved for Mercedes-Benz vehicles.

The seat covers must have a special tear seam for head/thorax sidebags. Otherwise, the head/thorax sidebags cannot deploy correctly and would fail to provide the intended protection in the event of an accident. Appropriate seat covers can be obtained from a Mercedes-Benz Service Centre.

The head/thorax sidebags enhance the level of protection for the head and thorax (but not the arms) of the vehicle occupants on the side of the vehicle on which the impact occurs.

The rear sidebags enhance the level of protection for the thorax (but not the head, neck or arms) of the vehicle occupants in the rear on the side of the vehicle on which the impact occurs.



Front head/thorax sidebags ① and rear sidebags ② deploy next to the outer seat cushion.

They are deployed:

- on the side on which an impact occurs
- at the start of an accident with a high rate of lateral vehicle deceleration or acceleration, e.g. in a side impact
- independently of seat belt use

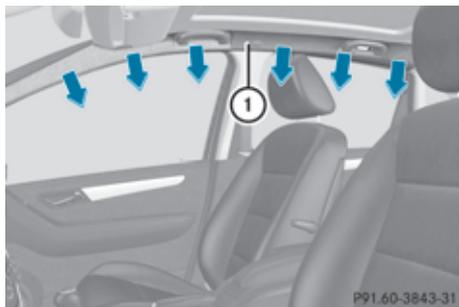
- independently of the front airbags
- independently of the belt tensioners

Windowbags

The windowbags enhance the level of protection for the head (but not chest or arms) of the vehicle occupants on the side of the vehicle on which the impact occurs.

The windowbags are integrated into the side of the roof frame and deploy in the area extending from the front door (A-pillar) to the rear door (C-pillar).

If your vehicle is fitted with windowbags, the front seats of the vehicle will be equipped with sidebags instead of head/thorax sidebags.



Windowbags ① are deployed:

- on the side on which an impact occurs
- at the start of an accident with a high rate of lateral vehicle deceleration or acceleration, e.g. in a side impact
- regardless of whether the front-passenger seat is occupied
- independently of the front airbags

Active head restraints

The active head restraints increase protection to the driver's and front-passenger's head and neck. In the event of a rear-end collision the force exerted by the driver's or front-passenger's chest causes the head restraints on the driver's and front-passenger

seats to be moved forwards. This provides better head support.

Risk of injury

Do not secure any objects (e.g. coat hangers) on the head restraint rods. Otherwise, the active head restraints may not function correctly and could fail to provide the intended protection in the event of an accident.

Seat belts

Important safety notes

Seat belts are the most effective means of restraining the movement of vehicle occupants in the event of an accident. This reduces the risk of vehicle occupants coming into contact with parts of the vehicle interior.

Risk of injury

A seat belt which is not worn correctly, or which has not been engaged in the seat belt buckle correctly, cannot perform its intended protective function. Under certain circumstances, this could cause severe or even fatal injuries in the event of an accident.

Make sure that all occupants – in particular, pregnant women – wear their seat belt correctly at all times.

- The seat belt must fit snugly on your body and must not be twisted. Therefore, avoid wearing bulky clothing, e.g. a winter coat. The shoulder belt section must be routed across the centre of your shoulder – on no account across your neck or under your arm – and pulled tight against your upper body. The lap belt must always pass across your lap as low down as possible, i.e. over your hip joints – not across your abdomen. If necessary, push down the belt strap slightly and then retighten it in the roll-up direction.
- Do not route the belt strap across sharp edges or fragile objects, especially if these are located on or in your clothing, e.g. spectacles, pens, keys, etc. The seat belt strap

could be damaged and tear in an accident, and you or other vehicle occupants could be injured.

- Only one person should use each seat belt at any one time. Children must never travel sitting on the lap of other occupants. It would not be possible to restrain the child in the event of a sudden change in direction, braking or an accident. This could result in severe or even fatal injuries to the child and other occupants.
- Persons less than 1.50 m tall cannot wear the seat belts correctly. For this reason, secure persons less than 1.50 m tall in specially designed, suitable restraint systems.
- Children less than 1.50 m tall or under 12 years of age cannot wear the seat belts properly. Therefore, they should always be secured in a suitable child restraint system on a suitable vehicle seat. You can find more information under "Children in the vehicle" in the "Safety" section of the Owner's Manual. Follow the manufacturer's installation instructions when fitting a child restraint system.
- Do not secure any objects with a seat belt if the seat belt is also being used by one of the vehicle's occupants.

Risk of injury

The seat belt does not offer the intended level of protection unless the backrest is almost vertical. Under certain circumstances, this could cause severe or even fatal injuries in the event of an accident.

Before starting a journey, make sure that the seat is properly adjusted and that the backrest is almost vertical.

Risk of injury

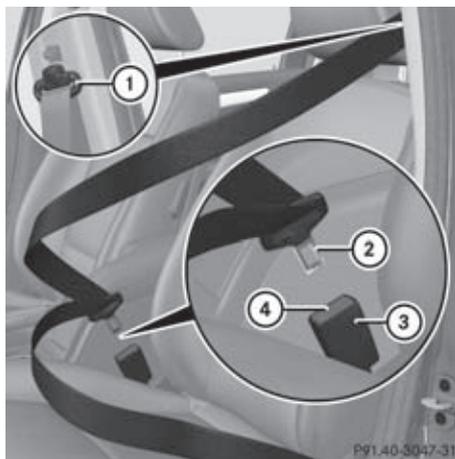
A dirty or damaged seat belt or a seat belt that has been subjected to a load in an accident or which has been modified no longer offers the intended level of protection. Under certain circumstances, this could cause severe or even fatal injuries in the event of an accident.

For this reason, check regularly that the seat belts are not damaged or dirty.

Always have damaged seat belts or seat belts that have been subjected to a load in an accident replaced at a qualified specialist workshop. Consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

For safety reasons, Mercedes-Benz recommends that you only use seat belts which have been approved by Mercedes-Benz for your vehicle.

Fastening seat belts



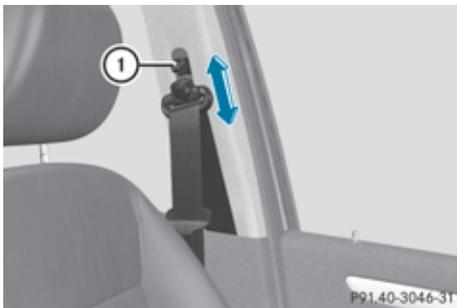
- ▶ Adjust the seat and move the backrest to an almost vertical position (▷ page 68).
- ▶ Pull the seat belt smoothly through belt sash guide ①.
- ▶ Without twisting it, guide the shoulder section of the seat belt across the middle of your shoulder and the lap section across your hips.
- ▶ Engage belt tongue ② in buckle ③.

- ▶ If necessary, adjust the seat belt to the appropriate height (▷ page 37).
- ▶ If necessary, pull upwards on the shoulder section of the seat belt to tighten the belt across your body.

For more information about releasing the seat belt with release button ④, see "Releasing seat belts" (▷ page 37).

Belt height adjustment

You can adjust the seat belt height on the driver's seat and the front-passenger seat.



Adjust the height so that the upper part of the seat belt is routed across the centre of your shoulder.

- ▶ **To raise:** slide the belt sash guide upwards. The belt sash guide engages in various positions.
- ▶ **To lower:** press and hold belt sash guide release ①.
- ▶ Slide the belt sash guide downwards.
- ▶ Release belt sash guide release ① and make sure that the belt sash guide has engaged.

Releasing seat belts

- ▶ Press release button ④ (▷ page 36) and guide belt tongue ② back towards belt sash guide ①.
- !** Make sure that the seat belt is fully rolled up. Otherwise, the seat belt or belt tongue could be trapped in the door or in the seat

mechanism. This could damage the door, the door trim panel and the seat belt. Damaged seat belts can no longer fulfil their protective function and must be replaced. Consult a Mercedes-Benz Service Centre.

Belt warning for driver and front passenger

The  seat belt warning lamp in the instrument cluster is a reminder for all occupants to fasten their seat belts. It may light up continuously or flash. In addition, there may be a warning tone.

The  seat belt warning lamp goes out and the warning tone ceases when the driver and the front passenger have fastened their seat belts.

For certain countries only: regardless of whether the driver or the front passenger have fastened their seat belts, the  seat belt warning lamp lights up for six seconds after the engine is started. It then goes out if the driver and the front passenger have fastened their seat belts.

- i** For more information on the  seat belt warning lamp, see "Indicator and warning lamps in the instrument cluster, seat belt" (▷ page 178).

Rear seat belt status indicator

The rear-compartment seat belt status indicator tells you if the rear passengers have their seat belts fastened.

The rear-compartment seat belt status indicator indicates the rear seat on which the belt is fastened.

The rear-compartment seat belt status indicator appears in the multifunction display for around 30 seconds if:

- you drive off and reach a speed of approximately 10 km/h.
- the rear passengers fasten or unfasten their seat belts while the vehicle is in motion.
- someone gets in or out of the vehicle.

You can also cancel the rear seat belt status indicator immediately (▷ page 162).

The following messages appear in the multifunction display:

-  No rear seat belt engaged
-  1 rear seat belt engaged
-  2 rear seat belts engaged
-  3 rear seat belts engaged

-  The status indicator for the rear-compartment seat belts is only available for certain countries.

Belt tensioners, belt force limiters

The front seat belts and the outer seat belts in the rear are equipped with belt tensioners.

The belt tensioners tighten the seat belts in an accident, pulling them close against the body.

Belt tensioners do not correct incorrect seat positions or incorrectly fastened seat belts.

Belt tensioners do not pull vehicle occupants back towards the backrest.

If the seat belt is also fitted with a belt force limiter and this is triggered, the force exerted by the seat belt on the vehicle occupant is reduced.

The front belt force limiters are synchronised with the front airbags, which take on a part of the deceleration force. Thus, the force exerted on the occupant is distributed over a greater area.

The belt tensioners can only be activated when:

- the ignition is switched on.
- the restraint systems are operational; see "SRS warning lamp" (▷ page 31).
- the belt tongue is engaged in the buckle on each of the three-point seat belts in the front.

The belt tensioners on the outside seats in the rear compartment are triggered independently of the lock status of the seat belts.

The belt tensioners are triggered depending on the type and severity of an accident:

- in the event of a head-on or rear-end collision if the vehicle decelerates or accelerates rapidly in a longitudinal direction during the initial stages of the impact
- in the event of a side impact, on the side opposite the impact if the vehicle decelerates or accelerates rapidly in a lateral direction

When the belt tensioners are deployed, you will hear a bang and a small amount of powder may also be released. Only in rare cases will the bang affect your hearing. The powder that is released generally does not constitute a health hazard. The  SRS warning lamp lights up.

Risk of injury

If the seat belt tensioners have been triggered, they provide no additional protection in the event of another accident. Therefore, have belt tensioners which have been triggered replaced at a qualified specialist workshop.

Comply with safety regulations when disposing of belt tensioners. Any Mercedes-Benz Service Centre can provide details of these regulations.

Children in the vehicle

Child restraint systems

Important safety notes

Risk of injury

To reduce the risk of serious or even fatal injury to the child in the event of a sudden change in direction, braking or an accident:

- Children less than 1.50 m tall and under twelve years of age must always be secured in special child restraint systems on a suitable vehicle seat. This is necessary because the seat belts are not designed for children.
- Do not secure children less than 1.50 m tall or under twelve years of age on the front-passenger seat. Exception: the child is secured in a vehicle with automatic child seat recognition on the front-passenger seat and is secured in a child restraint system with automatic child seat recognition.
- If you secure a forward-facing child restraint system to the front-passenger seat, you must move the front-passenger seat as far back as possible.
- Children must never travel sitting on the lap of another occupant. Due to the forces which occur in the event of a sudden change of direction, heavy braking or an accident, it would not be possible to restrain the child. The child could be thrown against parts of the vehicle interior and be seriously or even fatally injured.

Risk of injury

The child restraint system cannot perform its protective function if it is not correctly fitted to a suitable vehicle seat. The child cannot be restrained in the event of an accident, heavy braking or sudden changes of direction. The child could be seriously or even fatally injured. For this reason, when fitting a child restraint system, observe the manufacturer's installation instructions and the correct use of the child restraint system.

Child restraint systems should be fitted to the rear seats. Children are generally better protected there.

The entire base of the child restraint system must always rest on the seat cushion. Therefore, never place objects, e.g. a cushion, under the child restraint system.

Only use child restraint systems with the original cover designed for them. Only replace damaged covers with genuine Mercedes-Benz covers.

We recommend that you use the child restraint systems which have been recommended for Mercedes-Benz.

Vehicles with a through-loading facility in the rear seat backrest: do not fit a rearward-facing child restraint system on the centre rear seat.

If a child is travelling in your vehicle, secure the child using a child restraint system which is appropriate to the size, age and weight of the child and recommended for Mercedes-Benz vehicles. You should preferably fit the restraint system to a suitable rear seat. Make sure that the child is secured in a child restraint system throughout the trip.

Mercedes-Benz recommends that you use the child restraint systems listed at ([▷ page 49](#)).

More information about correct child restraint systems can be obtained from any Mercedes-Benz Service Centre.

-  It is advisable to use Mercedes-Benz care products to clean child restraint systems. You can obtain information about this from any Mercedes-Benz Service Centre.

Risk of injury

Do not leave children unsupervised in the vehicle, even if they are secured in a child restraint system. They could injure themselves on parts of the vehicle. They could also be seriously or even fatally injured by prolonged exposure to extreme heat or cold.

Do not expose the child restraint system to direct sunlight. Parts of the child restraint system could heat up and the child could burn herself/himself on them.

If a child opens a door, the child or other persons could be injured as a result. They could get out and injure themselves or be injured by a passing vehicle.

Risk of injury

Unsecured or incorrectly positioned loads increase the risk of injury for children and all other occupants in the event of:

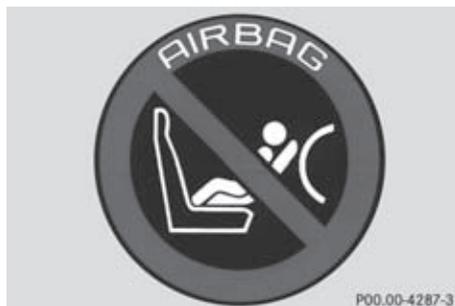
- an accident
- a braking manoeuvre
- a sudden change of direction

Do not carry heavy or hard objects in the vehicle interior unless they are secured. You will find further information under "Loading guidelines" in the index.

Child seat on the front-passenger seat



Warning notice on the front-passenger sun visor



Warning symbol for a rearward-facing child restraint system

Risk of injury

If the front-passenger airbag is not disabled:

- a child secured in a child restraint system on the front-passenger seat could be seriously and even fatally injured by the front-passenger airbag deploying. This is especially a risk if the child is in the immediate vicinity of the front-passenger airbag when it deploys.
- never secure a child on the front-passenger seat in a rearward-facing child restraint system. Only secure a rearward-facing child restraint system on a suitable rear seat.
- always move the front-passenger seat to the rearmost position if you secure a child in a forward-facing child restraint system on the front-passenger seat.

The front-passenger airbag is not disabled:

- on vehicles without automatic child seat recognition on the front-passenger seat
- on vehicles with automatic child seat recognition on the front-passenger seat, unless a child restraint system with automatic child seat recognition is fitted to the front-passenger seat
- on vehicles with automatic child seat recognition on the front-passenger seat, unless the  PASSENGER AIRBAG OFF indicator lamp is lit

To make you aware of this danger, a corresponding warning sticker has been affixed on

the dashboard and on both sides of the sun visor on the front-passenger side.

Information about recommended child restraint systems is available at any Mercedes-Benz Service Centre.

Automatic child seat recognition on the front-passenger seat



If your vehicle does not have automatic child seat recognition⁷ on the front-passenger seat, this is indicated by a special sticker. The sticker is affixed to the side of the dashboard on the front-passenger side. The sticker is visible when you open the front-passenger door.



The automatic child seat recognition sensor system on the front-passenger seat detects whether a special Mercedes-Benz child seat with automatic child seat recognition has been fitted there. In this case,  PASSENGER AIRBAG OFF indicator lamp ①

lights up. The front-passenger airbag is disabled.

Risk of injury

If the  PASSENGER AIRBAG OFF indicator lamp does not light up when the child restraint system is fitted, the front-passenger airbag has not been disabled. If the front-passenger airbag deploys, the child could be seriously or even fatally injured.

Proceed as follows:

- do not use a rearward-facing child restraint system on the front-passenger seat.
- fit a rearward-facing child restraint system on a suitable rear seat.

or

- only use a forward-facing child restraint system on the front-passenger seat and move the front-passenger seat to the rear-most position.
- have the automatic child seat recognition checked at a qualified specialist workshop.

To ensure that the automatic child seat recognition on the front-passenger seat functions/communicates correctly, never place objects, e.g. a cushion, under the child restraint system. The entire base of the child restraint system must always rest on the seat cushion. An incorrectly fitted child restraint system cannot perform its intended protective function in the event of an accident, and could lead to injuries.

i If the front-passenger airbag is disabled by the automatic child seat recognition, the following remain enabled on the front-passenger side:

- the sidebag/head/thorax sidebag
- the windowbag
- the belt tensioner

⁷ Vehicles without automatic child seat recognition on the front-passenger seat: if you turn the key to position 2 in the ignition lock, the  PASSENGER AIRBAG OFF indicator lamp lights up briefly but has no function. It does not indicate that there is automatic child seat recognition on the front-passenger seat.

⚠ Risk of injury

Do not place electronic devices on the front-passenger seat, e.g.:

- laptops, when switched on
- mobile phones
- cards with transponders, e.g. ski passes or access cards

Signals from electronic equipment can cause interference in the automatic child seat recognition sensor system. This can lead to a system malfunction. This may cause the  PASSENGER AIRBAG OFF indicator lamp to light up without there being a child seat with automatic child seat recognition fitted, and the front-passenger front airbag will not deploy during an accident. It is also possible that the  SRS warning lamp lights up and/or the  PASSENGER AIRBAG OFF indicator lamp does not light up briefly when you turn the key in the ignition lock to position 2.

ISOFIX child seat securing system for the rear seats

ISOFIX is a standardised securing system for specially designed child restraint systems on the rear seats. Securing rings for two ISOFIX child restraint systems are fitted on the left and right of the rear seats.

⚠ Risk of injury

A child restraint system secured by the ISOFIX child seat securing system does not provide sufficient protection for children weighing more than 22 kg. For this reason, do not secure children weighing more than 22 kg in a child restraint system secured by the ISOFIX child seat securing system. If the child weighs more than 22 kg, secure the child restraint system using a three-point seat belt.

⚠ Risk of injury

The child restraint system cannot perform its protective function if it is not correctly fitted to a suitable vehicle seat. The child cannot be

restrained in the event of an accident, heavy braking or sudden changes of direction. The child could be seriously or even fatally injured. For this reason, when fitting a child restraint system, observe the manufacturer's installation instructions and the correct use of the child restraint system.

For reasons of safety, only use child restraint systems with the ISOFIX child seat securing system on the rear seats.

We recommend that you use the ISOFIX child restraint systems that have been recommended for Mercedes-Benz.

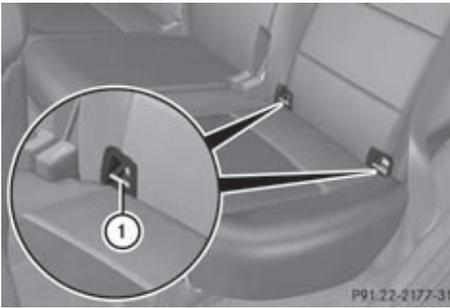
An incorrectly fitted child restraint system could come loose and seriously or even fatally injure the child or other vehicle occupants. When fitting the child restraint system, always make sure that it is engaged correctly in the securing rings on both sides.

⚠ Risk of injury

Please note that if child restraint systems, or their retaining systems, are damaged or subjected to a load in an accident, they may not be able to provide their protective function. This could result in serious or even fatal injuries to the secured child in the event of an accident, heavy braking or a sudden change in direction.

For this reason, have child restraint systems and their anchorages which have been damaged or subjected to a load in an accident checked immediately at a qualified specialist workshop.

- ❗ When fitting the child restraint system, make sure that the seat belt for the centre seat does not get trapped. Otherwise, the seat belt could be damaged.



① Securing rings

- ▶ Install the ISOFIX child restraint system. Comply with the manufacturer's instructions when installing the ISOFIX child restraint system.

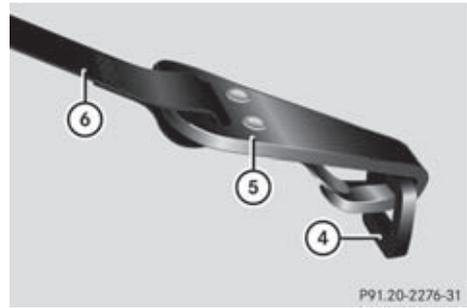
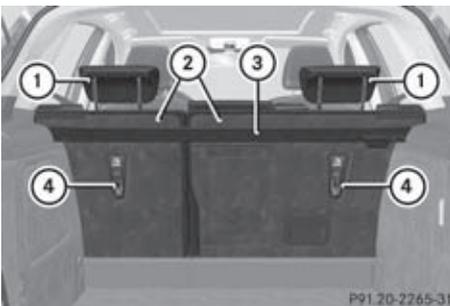
Top Tether

⚠ Risk of injury

Make sure that the rear seat backrest is fully locked. When the red lock verification indicators on the left and right are no longer visible, the rear seat backrests are locked. If the rear seat backrests are not locked, occupants could be injured in the event of an accident, e.g. by objects that are thrown forward from the luggage compartment.

Top Tether provides an additional connection between the child restraint system secured with ISOFIX and the rear seat. It helps reduce the risk of injury even further.

The Top Tether anchorages are located on the rear side of the rear seat backrests.



- ▶ Move head restraint ① upwards.
- ▶ Release rear seat backrest ② and fold it forwards.
- ▶ Route Top Tether belt ⑥ under head restraint ① between the two head restraint bars.
- ▶ Hook Top Tether hook ⑤ of Top Tether belt ⑥ into Top Tether anchorage ④.

Ensure that:

- Top Tether hook ⑤ is hooked into Top Tether anchorage ④ as shown.
- Top Tether belt ⑥ is not twisted.
- Top Tether belt ⑥ is routed between rear seat backrest ② and luggage compartment cover ③ if luggage compartment cover ③ is fitted.
- ▶ Swing back rear seat backrest ② until it engages. The red lock verification indicator is no longer visible.
- ▶ Move head restraint ① back down again slightly if necessary (▶ page 71). Make sure that you do not interfere with the correct routing of Top Tether belt ⑥.
- ▶ Fit the ISOFIX child restraint system with Top Tether. Comply with the manufacturer's installation instructions when doing so. Make sure that Top Tether belt ⑥ is tight.

Problems with child seat recognition

Problem	Possible causes/consequences and ► Solutions
<p>The  PASSENGER AIRBAG OFF indicator lamp on the centre console is lit.</p>	<p>A special Mercedes-Benz child seat with automatic child seat recognition has been fitted to the front-passenger seat. The front-passenger airbag has therefore been disabled as desired.</p> <p> Risk of injury</p> <p>There is no child seat fitted to the front-passenger seat. Automatic child seat recognition is malfunctioning.</p> <p>It is also possible that the  SRS warning lamp lights up and/or the  PASSENGER AIRBAG OFF indicator lamp does not light up briefly when you switch the ignition on.</p> <p>► Remove electronic equipment from the front-passenger seat, e.g.</p> <ul style="list-style-type: none"> • laptop • mobile phone • cards with transponders, such as ski passes or access cards <p>If the  PASSENGER AIRBAG OFF indicator lamp is still on:</p> <p>► Visit a qualified specialist workshop.</p>

Integrated child seat

Important safety notes

Risk of injury

To reduce the risk of serious or even fatal injury to the child in the event of a sudden change in direction, braking or an accident:

- Do not modify the integrated child seat.
- When the child seat is occupied, the head restraint must be set correctly; adjust the head restraint to a position at which the back of the child's head is supported by the centre of the head restraint at about eye level.
- Replace an integrated child seat that has been damaged or subjected to a heavy load as the result of an accident.
- Observe that children under two years of age or children weighing less than 12.5 kg require a different child restraint system. Information about other child restraint sys-

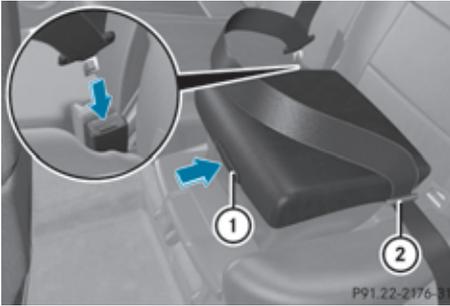
tems is available from any Mercedes-Benz Service Centre.

- The rear seat backrest in the vehicle must be securely locked in position.

The child seats are integrated into the right and left-hand rear seat cushions. They comply with the legal requirements of ECE Regulation 44.03.

Mercedes-Benz recommends the integrated child seat for children from approximately two to twelve years or with a body weight of 12.5 kg to 36 kg.

For children between approximately two and four years of age or weighing between approximately 12.5 kg and 22 kg, you must also use an ICS padded play table which has been specially approved for the integrated child seat (► page 45).



Folding out the child seat

- ▶ Press release handle ①.
The integrated child seat folds upwards.
- ▶ Push the integrated child seat back to the stop so that it engages.

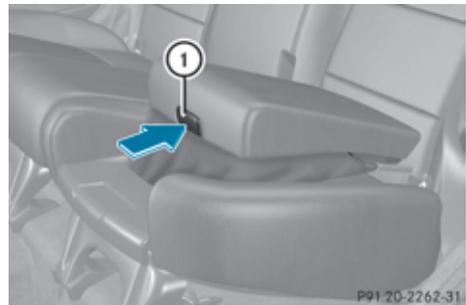
Fastening a child's seat belt

Risk of injury

To reduce the risk of serious or even fatal injury to the child in the event of a sudden change in direction, braking or an accident:

- The shoulder section of the seat belt must be routed across the centre of the child's shoulder – never across the child's neck – and must fit snugly against the child's chest. The lap section of the seat belt must be routed across the child's pelvis – not across the abdomen – and pulled tight against the child's body. Retighten the belt strap if necessary.
 - Never secure more than one child at a time in the child restraint system.
 - The seat belt must be routed through the hook.
 - The belt strap must not be trapped or twisted, nor rub against any sharp edges.
- ▶ Pull the seat belt smoothly from the inertia reel.
 - ▶ Guide the lower lap section of the seat belt through hook ②.
 - ▶ Engage the seat belt tongue in the belt buckle.
 - ▶ Make sure that the seat belt:
 - is routed as low as possible across the pelvic area, in front of the hips
 - is tightened across the lap by pulling upwards on the shoulder section of the seat belt
 - is tight and is routed across the centre of the child's shoulder
 - is not twisted and does not pass across the child's neck or under the child's arm

Folding in the child seat



- ▶ Press release handle ①.
- ▶ Push the integrated child seat back into the seat until it engages.

Padded table for the integrated child seat

Important safety notes

For children between approximately two and four years of age or weighing between approximately 12.5 kg and 22 kg, you also need an ICS padded play table which has been specially approved for the integrated child seat.

You can obtain the approved ICS padded play table with ECE approval number 03301101 from a Mercedes-Benz Service Centre under the order number B6 687 0096.

You must not use the integrated child seat with ICS padded play table directly attached to a baby car seat on which a body weight of up to 10 kg is permissible.

Risk of injury

If the ICS padded play table is not installed and used correctly on the integrated child seat, it cannot provide the intended protection. It would then not be possible to restrain the child in the event of an accident, sudden braking or abrupt change in direction and this could result in serious or even fatal injury to the child. For this reason, observe the following description when fitting the ICS padded play table:

The ICS padded play table is only suitable for use together with the folded out integrated child seat.

On the rear seats, only use the ICS padded play table which is recommended for Mercedes-Benz vehicles.

An incorrectly fitted ICS padded play table could come loose and seriously or even fatally injure the child or other vehicle occupants. After fitting the ICS padded play table, make sure that it is secured correctly.

Risk of injury

Do not modify the ICS padded play table, integrated child seat or seat belts. The ICS padded play table must not be used without a cover. The cover must not be removed from the ICS padded play table or replaced with a cover from another manufacturer. Otherwise, the official approval is invalidated and the padded play table's protective function could be restricted.

Do not subject the ICS padded play table to unnecessary heat or expose it to direct sunlight. Parts of the ICS padded play table could heat up and the child could burn itself on them.

Risk of injury

To reduce the risk of serious or even fatal injury to the child in the event of a sudden change in direction, braking or an accident:

- observe the following description when fitting the ICS padded play table.
- do not modify the ICS padded play table.

- when the child seat is occupied, adjust the head restraint to a position at which the back of the child's head is supported by the centre of the head restraint at about eye level.
- replace a damaged ICS padded play table or one that has been subjected to a load in an accident.
- be aware that children under two years of age or children weighing less than 12.5 kg require a different child restraint system. Information about other child restraint systems is available from any Mercedes-Benz Service Centre.

 Make sure that the ICS padded play table is not trapped or damaged, for example when you:

- close the doors
- adjust the seat
- store the ICS padded play table or transport heavy objects



Fitting the ICS padded play table

- ▶ Fold out integrated child seat  (▷ page 44).
- ▶ Place the child on integrated child seat .

- ▶ Fold both legs ⑤ and ⑦ down.
- ▶ Place ICS padded play table ② over integrated child seat ⑥.

Risk of injury

Make sure that:

- the belt is routed as described below.
- the seat belt is not twisted.
- the ICS padded play table is close to the child's body.
- the seat belt is routed through the hook.
- the belt strap is not trapped or twisted and does not rub against any sharp edges.

Otherwise, it may not be possible to restrain the child in the event of an accident, sudden braking or abrupt change in direction and this could result in serious or even fatal injury to the child.

- ▶ Pull the seat belt smoothly from the inertia reel.
- ▶ Guide the lower section of the seat belt through hook ④.
- ▶ Attach the lower and upper sections of the belt in left seat belt guide point ③.
- ▶ Guide both sections of the belt to right seat belt guide point ③ and attach.
- ▶ Engage the seat belt tongue in the belt buckle.
- ▶ Slide ICS padded play table ② close to the child's body.
- ▶ Pull both parts of the belt tight. Make sure that the seat belt is not twisted.
- ▶ Adjust head restraint ① (▷ page 71).

Storing the ICS padded play table

Risk of injury

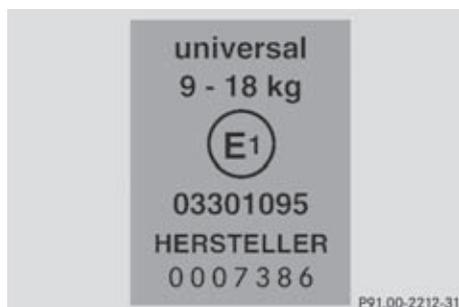
The ICS padded play table must be secured in the vehicle correctly or stowed securely in the luggage compartment. It could otherwise become loose in the event of an accident, sudden braking or abrupt change in direction and could injure vehicle occupants or cause damage to the vehicle.

Suitable positioning of the child restraint systems

Weight categories and ages	Group 0: up to 10 kg up to approximately 9 months	Group 0+: up to 13 kg up to approximately 18 months
Child restraint system on the front-passenger seat	Vehicles with automatic child seat recognition on the front-passenger seat: as recommended ⁸	Vehicles with automatic child seat recognition on the front-passenger seat: as recommended ⁸
Child restraint system on the left-hand and right-hand rear seats	Universal or as recommended	Universal or as recommended
Child restraint system on the centre rear seat	Universal or as recommended	Universal or as recommended

Weight categories and ages	Group I: 9 to 18 kg between approximately 8 months and 4 years	Group II/III: 15 to 36 kg between approximately 3.5 and 12 years
Child restraint system on the front-passenger seat	Universal ⁹ or as recommended	Universal ⁹ or as recommended
Child restraint system on the left-hand and right-hand rear seats	Universal or as recommended	Universal or as recommended
Child restraint system on the centre rear seat	Universal or as recommended	Universal or as recommended

"Universal" category child restraint systems can be recognised by their orange approval label.



Approval label on the child restraint system (example)

⁸ Only use child restraint systems with automatic child seat recognition.

⁹ Move the front-passenger seat to its rearmost and highest position.

Recommended child restraint systems

Weight categories and ages	Group 0: up to 10 kg up to approximately 9 months	Group 0+: up to 13 kg up to approximately 18 months
Manufacturer	Britax Römer	Britax Römer
Type	BABY SAFE PLUS ¹⁰	BABY SAFE PLUS ¹⁰
Approval number	E1 03 301146 E1 04 301146	E1 03 301146 E1 04 301146
Order number	A 000 970 10 00	A 000 970 10 00
Automatic child seat recognition	Yes	Yes
Type	BABY SAFE ISOFIX PLUS	BABY SAFE ISOFIX PLUS
Approval number	E1 03 301146 E1 04 301146	E1 03 301146 E1 04 301146
Order number	B6 6 86 8224	B6 6 86 8224
Automatic child seat recognition	No ¹¹	No ¹¹

Weight categories and ages	Group I: 9 to 18 kg between approximately 8 months and 4 years	Group II/III: 15 to 36 kg between approximately 3.5 and 12 years
Manufacturer	Britax Römer	Britax Römer
Type	DUO PLUS ¹²	KID ¹²
Approval number	E1 03 301133 E1 04 301133	E1 03 301148 E1 04 301148
Order number	A 000 970 11 00	A 000 970 12 00
Automatic child seat recognition	Yes	Yes

¹⁰ Move the front-passenger seat to the rearmost and highest position.

¹¹ The child restraint system may only be fitted to the left-hand or right-hand rear seat.

¹² Move the front-passenger seat to the rearmost and highest position.

Weight categories and ages	Group I: 9 to 18 kg between approx- imately 8 months and 4 years	Group II/III: 15 to 36 kg between approx- imately 3.5 and 12 years
Order number	A 000 970 16 00	A 000 970 17 00
Automatic child seat recognition	No ¹³	No ¹³

Child-proof locks

Important safety notes

Risk of accident and injury

Activate the child-proof locks for the rear doors and the override switch for the rear windows when children are travelling in the vehicle. Otherwise, the children could open doors or side windows while the vehicle is in motion and injure themselves or others.

Risk of injury

Do not leave children unsupervised in the vehicle, even if they are secured in a child restraint system. They could injure themselves on parts of the vehicle. They could also be seriously or even fatally injured by prolonged exposure to extreme heat or cold.

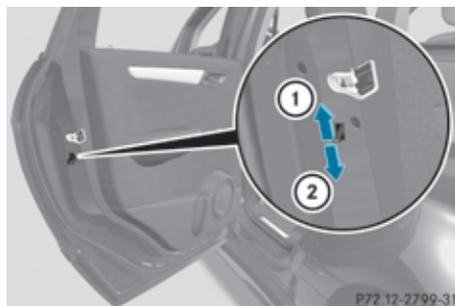
Do not expose the child restraint system to direct sunlight. Parts of the child restraint system could heat up and the child could burn herself/himself on them.

If a child opens a door, the child or other persons could be injured as a result. They could get out and injure themselves or be injured by a passing vehicle.

Child-proof locks for the rear doors

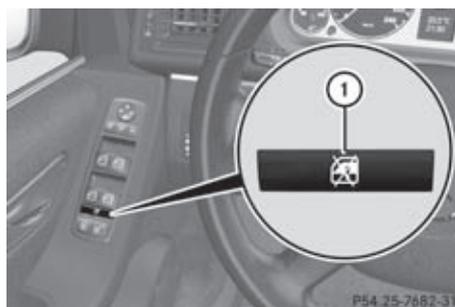
You secure each door individually with the child-proof locks on the rear doors. A door secured with a child-proof lock cannot be opened from inside the vehicle. When the

vehicle is unlocked, the door can be opened from the outside.



- ▶ **To activate:** press the child-proof lock lever down in the direction of arrow ②.
- ▶ Make sure that the child-proof locks are working properly.
- ▶ **To deactivate:** press the child-proof lock lever up in the direction of arrow ①.

Override feature for the rear side windows



¹³ If you are using a child restraint system without automatic child seat recognition, move the front-passenger seat to its rearmost and uppermost position.

- ▶ **To activate/deactivate:** press switch ①. Switch ① is pushed in or extended. If the switch has engaged, operation of the rear side windows is disabled. Operation is then only possible using the switches in the driver's door.

Driving safety systems

Driving safety systems overview

In this section, you will find information about the following driving safety systems:

- ABS (**A**nti-**l**ock **B**raking **S**ystem)
- BAS (**B**rake **A**ssist **S**ystem)
- Adaptive brake lamps
- ESP® (**E**lectronic **S**tability **P**rogram)
- steering assistant STEER CONTROL

Important safety notes

Risk of accident

The risk of an accident is significantly increased by driving too fast. This is particularly the case when cornering as well as on wet or slippery roads or when driving too close to the vehicle in front.

The driving safety systems described in this section can neither reduce this risk nor override the laws of physics.

For this reason, always adapt your driving style to the prevailing road and weather conditions. Maintain sufficient distance from other road users and objects on the road.

- i** In wintry driving conditions, always use winter tyres (M+S tyres) and if necessary, snow chains. Only in this way will the driving safety systems described in this section work as effectively as possible.

ABS (Anti-lock Braking System)

Important safety guidelines

Risk of accident

Do not depress the brake pedal several times in quick succession (pumping). Pumping the brake pedal reduces the braking effect. You might otherwise not be able to stop the vehicle in time and could cause an accident. Depress the brake pedal firmly and smoothly.

ABS regulates brake pressure in such a way that the wheels do not lock when you brake. This allows you to continue steering the vehicle when braking.

ABS works from a speed of about 8 km/h upwards, regardless of road-surface conditions. ABS works on slippery surfaces, even when you only brake gently.

Braking

If ABS intervenes when braking, you will feel a pulsing in the brake pedal.

- ▶ **If ABS intervenes:** continue to depress the brake pedal with force until the braking situation is over.
- ▶ **To make a full brake application:** depress the brake pedal with full force.

Risk of accident

If ABS is faulty, the wheels could lock when braking. This limits the steerability of the vehicle when braking and the braking distance may increase.

If ABS is deactivated due to a malfunction, then BAS and ESP are also deactivated. There is an increased risk of your vehicle skidding in certain situations.

You should always adapt your driving style to suit the prevailing road and weather conditions.

The pulsating brake pedal can be an indication of hazardous road conditions and functions as a reminder to take extra care while driving.

BAS (Brake Assist)

BAS operates in emergency braking situations. If you depress the brake pedal quickly, BAS automatically boosts the braking force, thus shortening the stopping distance.

- ▶ Keep the brake pedal firmly depressed until the emergency braking situation is over. ABS prevents the wheels from locking.

The brakes will function as usual once you release the brake pedal. BAS is deactivated.

Risk of accident

If BAS has malfunctioned, the braking system remains available with full brake boosting effect. However, braking force is not automatically increased in emergency braking situations and the stopping distance may increase.

Adaptive brake lamps

-  Adaptive brake lamps are only available in certain countries.

If you brake sharply from a speed of more than 50 km/h or if braking is assisted by BAS, the brake lamps flash rapidly. In this way, traffic travelling behind you is warned in an even more noticeable manner.

If you brake sharply from a speed of more than 70 km/h to a standstill, the hazard warning lamps are activated automatically. If the brakes are applied again, the brake lamps light up continuously. The hazard warning lamps switch off automatically if you travel faster than 10 km/h. You can also switch off the hazard warning lamps using the hazard warning switch button (▷ page 81).

ESP® (Electronic Stability Program)

ESP® monitors the driving stability and the traction. Traction is the power transmission between the tyres and the road surface.

If ESP® detects that the vehicle is deviating from the direction desired by the driver, one

or more wheels are braked to stabilise the vehicle. If necessary, the engine output is also modified to keep the vehicle on the desired course within physical limits. ESP® assists the driver when pulling away on wet or slippery roads. ESP® can also stabilise the vehicle during braking.

If ESP® intervenes, the  warning lamp flashes in the instrument cluster.

Risk of accident

If the  warning lamp in the instrument cluster flashes, proceed as follows:

- only depress the accelerator pedal as far as necessary when pulling away.
- adapt your driving style to suit the prevailing road and weather conditions.

Otherwise, the vehicle could go into a skid.

ESP® cannot reduce the risk of an accident if you drive too fast. ESP® cannot override the laws of physics.

-  Switch the ignition off when:

- the parking brake is being tested using a dynamometer
- the vehicle is being towed with the rear axle raised

Application of the brakes by ESP® could otherwise destroy the brake system on the front axle.

-  Only use wheels with the recommended tyre sizes. Only then will ESP® function properly.

steering assistant STEER CONTROL

The steering assistant STEER CONTROL helps you by transmitting a noticeable steering force to the steering wheel in the direction required for vehicle stabilisation.

This steering assistance is provided in particular if:

- both right wheels or both left wheels are on a wet or slippery road surface when you brake
- the vehicle starts to skid

You have control over the steering at all times.

Risk of accident

If there is an ESP® malfunction, you will not receive any steering assistance from the STEER CONTROL. The steering continues to function with power assistance.

Anti-theft systems

Immobiliser

The immobiliser prevents your vehicle from being started without the correct key.

- ▶ **To activate:** remove the key from the ignition lock.
- ▶ **To deactivate:** switch on the ignition.

 The immobiliser is always deactivated when you start the engine.

ATA (Anti-Theft Alarm system)

A visual and audible alarm is triggered if the alarm system is primed and you open:

- a door
- the vehicle with the emergency key element
- the tailgate
- the bonnet

The alarm is not switched off, even if you close the open door that has triggered it, for example.



- ▶ **To prime:** lock the vehicle with the key. Indicator lamp  flashes. The alarm system is primed after approximately 15 seconds.
 - ▶ **To deactivate:** unlock the vehicle with the key.
 - ▶ **To stop the alarm:** insert the key into the ignition lock. The alarm is switched off.
- or
- ▶ Press the  or  button on the key. The alarm is switched off.

Tow-away protection and interior motion sensor

When tow-away protection and the interior motion sensor have been primed, a visual and audible alarm is triggered. This is the case when:

- movement is detected in the vehicle interior, e.g. if someone reaches into the vehicle interior.
- the inclination of your vehicle changes, e.g. if one end of your vehicle is raised.

Priming tow-away protection and the interior motion sensor

- ▶ Make sure that:

- the side windows are closed.
- the panorama louvred sliding sunroof is closed.
- there are no objects, e.g. mascots, hanging on the rear-view mirror or on the grab handles on the roof trim.

This will prevent false alarms.

- ▶ Lock the vehicle using the key. Tow-away protection and the interior motion sensor are primed after approximately 30 seconds.

Deactivating tow-away protection and the interior motion sensor

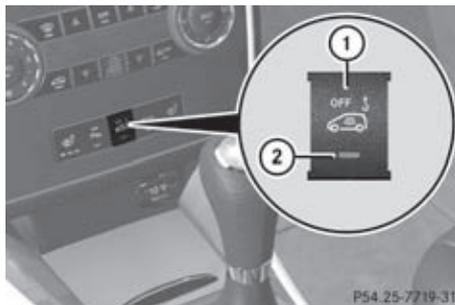
- ▶ Unlock the vehicle using the key. Tow-away protection and the interior motion sensor deactivate automatically.

To prevent a false alarm, deactivate tow-away protection and the interior motion sensor if your vehicle:

- is being transported or towed
- is being loaded, for example onto a ferry or a car transporter
- is parked on a movable surface, e.g. split-level garages
- is locked while persons or animals remain inside
- is locked while the side windows remain open
- is locked while the panorama louvred sliding sunroof remains open

Deactivating tow-away protection and the interior motion sensor

- ▶ Remove the key from the ignition lock.



- ▶ Press button ①. Indicator lamp ② flashes briefly.
- ▶ Lock the vehicle using the key. Tow-away protection and the interior motion sensor remain deactivated until
 - the vehicle is unlocked again.
 - a door is opened and closed again.
 - the vehicle is locked again.

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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Key

Key functions

Locking and unlocking centrally

The key centrally locks/unlocks:

- the doors
- the tailgate
- the fuel filler flap

Risk of accident

If children are left unsupervised in the vehicle, they could:

- open a door from inside the vehicle at any time, even if it has been locked
- start the vehicle using a key which has been left in the vehicle
- release the parking brake

They could thereby endanger themselves and others. Never leave children unsupervised in the vehicle. Always take the key with you when leaving the vehicle, even if you are only leaving it for a short time.



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- ①  To lock the vehicle
- ②  To unlock the vehicle

When unlocking, the turn signals flash once. When locking, they flash three times.

► **To unlock centrally:** press the  button.

If you do not open the vehicle within approximately 40 seconds after unlocking:

- the vehicle is locked again.
- the anti-theft system is primed again.

► **To lock centrally:** press the  button.

Changing the settings of the locking system

You can change the setting of the locking system in such a way that only the driver's door and the fuel filler flap are unlocked. This is useful if you frequently travel on your own.

► To change the setting: press and hold down the  and  buttons simultaneously for approximately six seconds until battery check lamp (▷ page 57) flashes twice.

The key now functions as follows:

- **To unlock the driver's door:** press the  button once.
- **To unlock centrally:** press the  button twice.
- **To lock centrally:** press the  button.

Restoring the factory settings

- ▶ Press the  and  buttons simultaneously for approximately six seconds until the battery check lamp flashes twice.

Emergency key element

General notes

If the vehicle can no longer be unlocked with the key, use the emergency key element.

If you use the emergency key element to unlock and open the driver's door, the anti-theft alarm system will be triggered (▷ page 53).

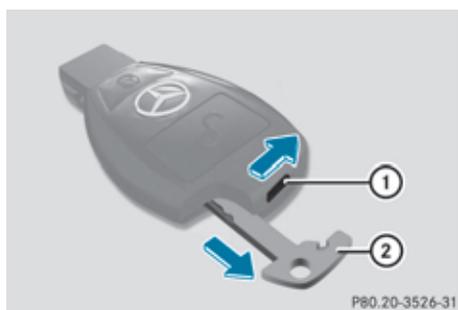
There are several ways to turn off the alarm:

- ▶ Press the  or  button on the key.
- or
- ▶ Insert the key into the ignition lock.

If you unlock the vehicle using the emergency key element, the fuel filler flap will not be unlocked automatically.

- ▶ **To unlock the fuel filler flap:** insert the key in the ignition lock.

Removing the emergency key element



- ▶ Push release catch ① in the direction of the arrow and at the same time, remove emergency key element ② from the key.

Battery of the key

Important safety notes

It is advisable to have batteries replaced at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Risk of poisoning

Batteries are toxic and contain caustic substances. For this reason, keep batteries out of the reach of children.

If a battery has been swallowed, visit a doctor immediately.

Environmental note



Batteries contain pollutants. It is against the law to dispose of them with the household rubbish. They must be collected separately and recycled in an environmentally responsible manner.



Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, or to a special collection point for old batteries.

Checking the battery



- ▶ Press the  or  button.
The battery in the key is functional if battery check lamp ① lights up briefly.

If battery check lamp ① does not light up briefly during the test, the key battery is discharged.

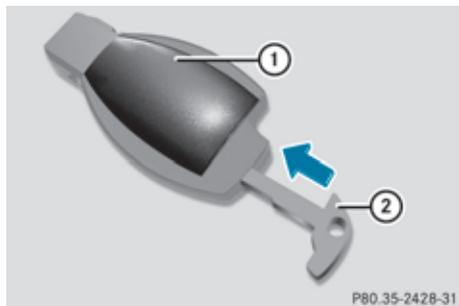
- ▶ Change the battery (▷ page 58).

- ⓘ If the key battery is being checked within signal range of the vehicle, pressing the  or  button unlocks or locks the vehicle correspondingly.

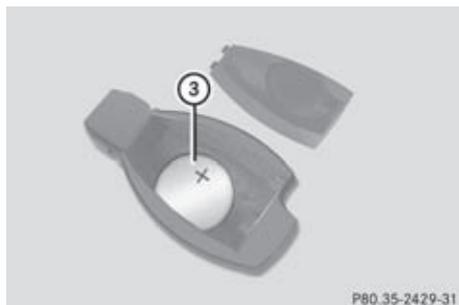
Changing the battery

You require a CR 2025 3 V cell battery.

- ▶ Take the emergency key element out of the key (▷ page 57).



- ▶ Press emergency key element ② into the opening in the key in the direction of the arrow until battery tray cover ① opens. When doing so, do not hold cover ① shut.



- ▶ Remove battery tray cover ①.
- ▶ Repeatedly tap the key against your palm until battery ③ falls out.
- ▶ Insert the new battery with the positive terminal facing upwards. Use a lint-free cloth to do so.
- ▶ Make sure that the surface of the battery is free from lint, grease and all other forms of contamination.
- ▶ Insert the front tabs of battery tray cover ① and then press to close it.
- ▶ Insert the emergency key element into the key.
- ▶ Check the function of all key buttons on the vehicle.

Problems with the key	
Problem	Possible causes/consequences and ► Solutions
You cannot lock or unlock the vehicle using the key.	<p>The key battery is discharged or nearly discharged.</p> <ul style="list-style-type: none"> ► Try again to lock/unlock the vehicle using the remote control function of the key. Point the tip of the key at the driver's door handle from close range and press the  /  button. <p>If this does not work:</p> <ul style="list-style-type: none"> ► Check the key battery and replace it if necessary (▷ page 58). ► Lock (▷ page 60) or unlock (▷ page 61) the vehicle using the emergency key element.
	<p>The key is faulty.</p> <ul style="list-style-type: none"> ► Lock (▷ page 60) or unlock (▷ page 61) the vehicle using the emergency key element. ► Have the key checked at a qualified specialist workshop.
You have lost a key.	<ul style="list-style-type: none"> ► Have the key cancelled at a Mercedes-Benz Service Centre. ► Report the loss immediately to the vehicle insurers. ► If necessary, have the locks changed as well.
You have lost the emergency key element.	<ul style="list-style-type: none"> ► Report the loss immediately to the vehicle insurers. ► If necessary, have the locks changed as well.
The engine cannot be started using the key.	<p>The steering lock is mechanically blocked.</p> <ul style="list-style-type: none"> ► Remove the key and reinsert it into the ignition lock. While doing this, turn the steering wheel in both directions.

Doors

Important safety notes

Risk of accident

If children are left unsupervised in the vehicle, they could:

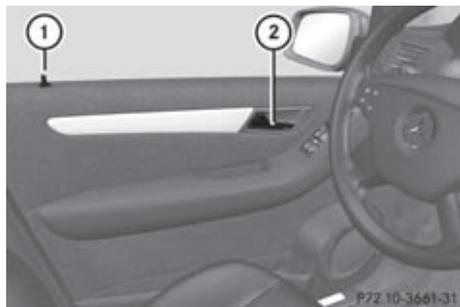
- open a door from inside the vehicle at any time, even if it has been locked
- start the vehicle using a key which has been left in the vehicle
- release the parking brake

They could thereby endanger themselves and others. Never leave children unsupervised in the vehicle. Always take the key with you

when leaving the vehicle, even if you are only leaving it for a short time.

Unlocking and opening the doors from the inside

You can open a door from inside the vehicle even if it has been locked. You can only open the rear doors from inside the vehicle if they are not secured by the child-proof locks (▷ page 50).



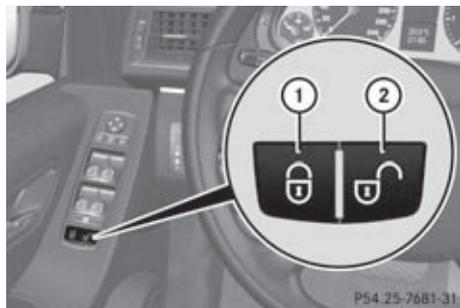
- ▶ Pull door handle ②.
If the door is locked, locking knob ① pops up. The door is unlocked and can be opened.

Locking and unlocking the vehicle from the inside

You can centrally lock or unlock the vehicle from the inside. This feature may be useful if, for example, you wish to unlock the front-passenger door from the inside or lock the vehicle before you pull away.

The central locking/unlocking button does not lock or unlock the fuel filler flap.

- i** You cannot unlock the vehicle centrally from the inside if the vehicle has been locked with the key.



- ▶ **To lock:** press button ①.
- ▶ **To unlock:** press button ②.

Automatic locking feature

The vehicle is locked automatically when the ignition is switched on and the wheels begin to turn. Therefore, there is a risk of being locked out when the vehicle is being pushed, towed or tested on a dynamometer.

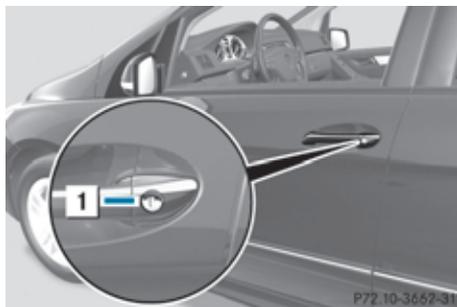
You can switch the automatic locking function on and off using the on-board computer (> page 158).

Unlocking the driver's door (emergency key element)

If the vehicle can no longer be unlocked with the key, use the emergency key element.

If you use the emergency key element to unlock and open the driver's door, the anti-theft alarm system will be triggered (> page 53).

- ▶ Take the emergency key element out of the key (> page 57).
- ▶ Insert the emergency key element into the lock of the driver's door as far as it will go.



- ▶ Firmly turn the emergency key element anti-clockwise as far as it will go to position **1** and hold it in this position.
- i** On right-hand-drive vehicles, turn the emergency key element clockwise.
- ▶ Pull the door handle quickly. The locking knob pops up. The door is unlocked.
- ▶ Turn the emergency key element back and remove it.

- ▶ Pull the door handle again.
- ▶ Insert the emergency key element into the key.

Locking the vehicle

If the vehicle can no longer be locked with the key, you can lock it by taking the following steps. If the vehicle central locking is malfunctioning, you cannot lock the tailgate.

- ▶ Close the front-passenger door, the rear door on the front-passenger side and the tailgate.
 - ▶ Open the driver's door and the rear door on the driver's side.
 - ▶ Press the locking button on the driver's door (▷ page 60).
The locking knobs in the front-passenger door and in the rear doors drop down.
 - ▶ Press down the locking knobs in the front-passenger and rear doors manually, if necessary.
 - ▶ Close the driver's door from the outside.
 - ▶ Press down the locking knob of the driver's door by reaching in through the open rear door.
- i** Make sure that you have the key on your person and that it has not been left in the vehicle.
- ▶ Close the rear door on the driver's side.
 - ▶ Make sure that the doors and the tailgate are locked.

Luggage compartment

Important safety notes

Do not leave the key in the luggage compartment. You could otherwise lock yourself out.

Risk of poisoning

If the engine is running and the tailgate is open, exhaust gases can enter the vehicle interior. This could result in poisoning. There-

fore, make sure that the tailgate is always closed when the engine is running.

- !** The tailgate swings upwards and to the rear when opened. Therefore, make sure that there is sufficient clearance above and behind the tailgate.

- i** You will find details of the tailgate opening dimensions in the Technical data section (▷ page 259).

Opening/closing from the outside

Opening

- ▶ Press the  button on the key.

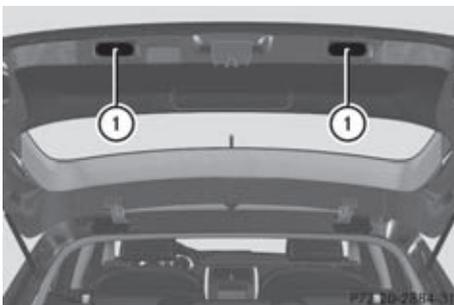


- ▶ Pull handle ①.
- ▶ Raise the tailgate.

Closing

Risk of injury

Make sure that nobody can become trapped as you close the tailgate.



- ▶ Pull the tailgate down using recess ①.
- ▶ Push the tailgate closed from outside the vehicle.
- ▶ If necessary, lock the vehicle with the  button on the key.

Side windows

Important safety notes

Risk of injury

Make sure that nobody can become trapped between the side window and the door frame when a side window is opened. Do not touch or lean against the side window during the opening procedure. You could become trapped between the side window and the door frame as the side window moves down. If there is a risk of becoming trapped, release the switch or pull the switch upwards to close the side window again.

Risk of injury

Make sure that nobody can become trapped as you close a side window. If there is a risk of becoming trapped, release the switch or press it again to open the side window again.

Risk of injury

Children may injure themselves if they open or close the side windows.

Never leave children unsupervised in the vehicle. Always take the key with you when leaving the vehicle, even if you are only leaving it for a short time.

Risk of injury

Do not leave children unsupervised in the vehicle, even if they are secured in a child restraint system. The children could:

- be seriously or even fatally injured on parts of the vehicle
- be seriously or even fatally injured by prolonged exposure to extremely high or extremely low temperatures

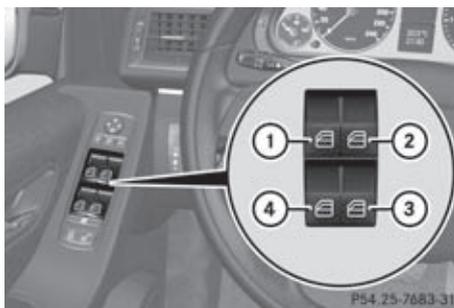
If children open a door, they could:

- seriously or even fatally injure other people
- get out of the vehicle and injure themselves, or be seriously or even fatally injured by a passing vehicle

Activate the child-proof locks/override feature if children are travelling in the vehicle.

They could otherwise open doors or side windows while the vehicle is in motion and thereby injure themselves or others.

Opening and closing the side windows



- ① Front left
- ② Front right
- ③ Rear right
- ④ Rear left

The switches for all side windows are located on the driver's door. There is also a switch on each door for the corresponding side window.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To open:** press the corresponding switch.
- ▶ **To close:** pull the corresponding switch.

i If you press the switch beyond the point of resistance, an automatic opening/closing process is started in the corresponding direction. You can stop automatic operation by pressing again.

i You can continue to operate the side windows after you switch off the engine. This

function remains active for five minutes or until one of the front doors is opened.

Convenience opening feature

You can ventilate the vehicle before you start driving. To do this, you can use the key to simultaneously:

- unlock the vehicle
- open the side windows
- open the panorama louvred sliding sunroof or move it to the ventilation position

- i** The convenience opening feature can only be operated using the key. The key must be close to the driver's door handle.
- ▶ Point the tip of the key at the driver's door handle.
- ▶ Press and hold the  button until the side windows are in the desired position. The panorama louvred sliding sunroof stops in the ventilation position.
- ▶ **To open the panorama louvred sliding sunroof:** press and hold the  button again until the panorama louvred sliding sunroof has reached the desired position.
- ▶ **To interrupt convenience opening:** release the  button.

Convenience closing feature

When you lock the vehicle, you can simultaneously:

- close the side windows
- close the panorama louvred sliding sunroof

Risk of injury

When using the convenience closing feature, make sure that nobody can become trapped. Proceed as follows if there is a risk of entrapment:

- release the  button.
- press and hold the  button until the side windows and the panorama louvred sliding sunroof open again.

- i** The key must be close to the driver's door handle.
- ▶ Point the tip of the key at the driver's door handle.
- ▶ Lock the vehicle by pressing the  button.
- ▶ Press and hold the  button until the side windows and the panorama louvred sliding sunroof are fully closed.
- ▶ Make sure that all the side windows and the panorama louvred sliding sunroof are closed.

Resetting the side windows

You must reset each side window if:

- the battery has been disconnected or has become discharged.
- the side windows open again slightly after being closed fully.
- the side window can no longer be fully opened or closed.
- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Pull the corresponding switch on the door control panel until the side window is completely closed. (▷ page 62)
- ▶ Hold the switch for an additional second.

If the side window opens again slightly:

- ▶ Immediately pull the corresponding switch on the door control panel until the side window is completely closed (▷ page 62).
- ▶ Hold the switch for an additional second.
- ▶ If the corresponding side window remains closed after the button has been released, the side window has been reset correctly. If this is not the case, repeat the steps above again.

Problems with the side windows

Problem: a side window cannot be closed because objects are trapped between the side window and the door frame.

- ▶ Remove the objects.
- ▶ Close the side window.

Problem: a side window cannot be closed because objects in the guide rail are preventing the window from being raised.

- ▶ Remove the objects.
- ▶ Close the side window.

Problem: a side window cannot be closed, and you cannot see the cause.

Risk of injury

Closing the side windows with increased force or without the anti-entrapment feature could lead to serious or even fatal injury. Make sure that nobody can become trapped when closing the side windows.

If a side window is obstructed during closing and reopens again slightly:

- ▶ Immediately after the window blocks, pull the corresponding switch again until the side window has closed.
The side window is closed with increased force.

If a side window is obstructed again during closing and reopens again slightly:

- ▶ Immediately after the window blocks, pull the corresponding switch again until the side window has closed.
The side window is closed without the anti-entrapment feature.

Sliding sunroof

Important safety notes

In the following section, the term "sliding sunroof" refers to the panorama louvred sliding sunroof.

Risk of injury

Make sure that nobody can become trapped when closing the sliding sunroof. If there is a risk of entrapment, release the switch and push it briefly in any direction to stop the sliding sunroof.

Risk of injury

Children could injure themselves if they operate the sliding sunroof.

Never leave children unsupervised in the vehicle. Always take the key with you when leaving the vehicle, even if you are only leaving it for a short time.

Risk of injury

The glass in the fixed panorama sunroof could break in an accident.

If you are not wearing a seat belt, there is a risk that you could be thrown through the opening in the event of the vehicle overturning. Therefore, always wear a seat belt to reduce the risk of injuries.

-  Only open the panorama sliding sunroof if it is free of snow and ice. Otherwise, malfunctions may occur.

Do not allow anything to protrude from the sliding sunroof. Otherwise, the seals could be damaged.

-  Resonance noises can occur in addition to the usual airflow noises when the sliding sunroof is open. They are caused by minor pressure fluctuations in the vehicle interior. Change the position of the sliding sunroof or open a side window slightly to reduce or eliminate these noises.

Operating the panorama louvred sliding sunroof

Opening and closing



Overhead control panel

- ① To open
- ② To close

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To open:** press and hold the  switch in the direction of arrow ①.
The panorama louvred sliding sunroof stops in the ventilation position.
- ▶ Press the  switch in the direction of arrow ① again and hold until the desired position has been reached.
- ▶ **To close:** press the  switch in the direction of arrow ② and hold until the desired position has been reached or the panorama louvred sliding sunroof is fully closed.

Ventilation position

You can raise the rear of the front louvre of the panorama louvred sliding sunroof to provide ventilation.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Press the  switch in the direction of arrow ① and hold.
The panorama louvred sliding sunroof stops in the ventilation position.

Opening and closing the roller sunblind



Roller sunblind ① for the panorama louvred sliding sunroof or the fixed panorama roof shields the vehicle interior from sunlight.

It is possible to open and close the roller sunblind by hand in the direction of the arrow regardless of the position of the panorama louvred sliding sunroof.

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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Correct driver's seat position



Observe the safety notes when adjusting the seats (▷ page 69).

- ▶ Check whether you have adjusted seat ③ properly.

Manual seat adjustment (▷ page 70)

Electrical seat adjustment (▷ page 70)

When adjusting the seat, make sure that:

- you are as far away from the driver's air-bag as possible.
- you are sitting in a normal upright position.
- you can fasten the seat belt properly.

- you have moved the backrest to an almost vertical position.
- you have set the seat angle so that your thighs are gently supported.
- you can depress the pedals properly.

- ▶ Check whether the head restraint is adjusted properly (▷ page 70).

When doing so, make sure that you have adjusted the head restraint so that the back of your head is supported at eye level by the centre of the head restraint.

Observe the safety notes when adjusting the steering wheel (▷ page 73).

- ▶ Check whether steering wheel ① is adjusted properly.

Adjusting the steering wheel manually (▷ page 73)

When adjusting the steering wheel, make sure that:

- you can hold the steering wheel with your arms slightly bent.
- you can move your legs freely.
- you can see all the displays in the instrument cluster clearly.

Observe the notes on seat belts. (▷ page 35)

- ▶ Check whether you have fastened seat belt ② properly (▷ page 36).

The seat belt should:

- fit snugly across your body
- be routed across the middle of your shoulder
- be routed in your pelvic area across the hip joints
- ▶ Before starting off, adjust the rear-view mirror and the exterior mirrors (▷ page 74) in such a way that you have a good view of road and traffic conditions.

Seats

Important safety notes

Risk of injury

The seats can be adjusted when the key is removed and the door is open. For this reason, children should never be left unsupervised in the vehicle. They could adjust the seats and become trapped.

Risk of accident

Only adjust the driver's seat when the vehicle is stationary. You will otherwise be distracted from the road and traffic conditions and you could lose control of the vehicle as a result of the seat moving. This could cause an accident.

Risk of injury

If you adjust the seat height carelessly, you or others could be trapped and thereby injured. Children in particular could unintentionally press the buttons to electrically adjust the seats and become trapped.

Take care that:

- while moving the seats, your hands do not get under the lever assembly of the seat adjustment system.
- children in the vehicle do not slide their hands under the levers.

Risk of injury

Make sure that nobody can become trapped when adjusting the seats.

Observe the notes on airbags.

Secure children as recommended; see the "Children in the vehicle" section.

Risk of injury

Make sure that the back of your head is supported at eye level by the central area of the head restraint. If your head is not supported correctly by the head restraint, you could suffer a severe neck injury in the event of an

accident. Never drive if the head restraints are not engaged and set correctly.

Risk of injury

A seat belt can only offer its intended degree of protection when the backrest is almost vertical and the occupant is sitting upright. Avoid seat positions that do not allow the seat belt to be routed correctly. Adjust the backrest so that it is as upright as possible. Never travel with the backrest reclined too far backwards. You could otherwise be seriously or even fatally injured in the event of an accident or sudden braking.

 To avoid damage to the seats and the seat heating, observe the following information:

- do not spill any liquids on the seats. If liquid is spilled on the seats, dry them as soon as possible.
- if the seat covers are damp or wet, do not switch on the seat heating. The seat heating should also not be used to dry the seats.
- clean the seat covers as recommended; see the "Interior care" section.
- do not transport heavy loads on the seats. Do not place sharp objects on the seat cushions, e.g. knives, nails or tools. The seats should only be occupied by passengers, if possible.
- when the seat heating is in operation, do not cover the seats with insulating materials, e.g. blankets, coats, bags, seat covers, child seats or booster seats.

 When you move the seats, make sure that there are no objects in the footwell or behind the seats. Otherwise, you could damage the seats and the objects.

 The head restraints in the front and rear seats can be removed.

Please contact a Mercedes-Benz Service Centre for more information.

i Related topics:

- Luggage compartment enlargement (removing/folding the rear bench seat forwards)

Adjusting the seat manually



Seat fore-and-aft adjustment

- ▶ Lift handle ① and slide the seat forwards or backwards.
- ▶ Release lever ① again.
Make sure that you hear the seat engage in position.

Backrest angle

- ▶ Relieve the pressure on the backrest.
- ▶ Turn handwheel ④ forwards or backwards.

Seat height

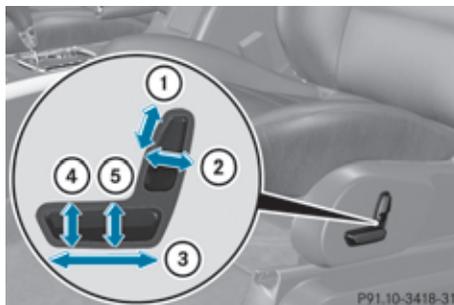
- ▶ Pull handle ③ upwards or push it down repeatedly until the seat has reached the desired height.

Seat cushion angle

Adjust the angle so that your thighs are lightly supported.

- ▶ Turn handwheel ④ forwards or backwards.

Adjusting the seat electrically



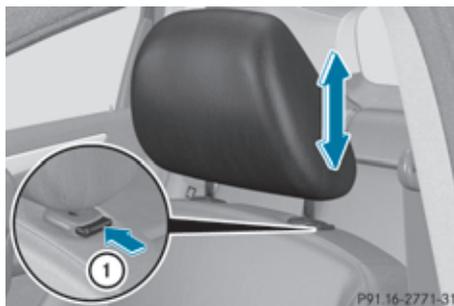
- ① Head restraint height
- ② Backrest angle
- ③ Seat fore-and-aft adjustment
- ④ Seat cushion angle
- ⑤ Seat height

- ▶ Make sure that the key is in position 1 or 2 in the ignition lock or that the respective door is open.

Adjusting the head restraints

Adjusting the head restraints manually

Adjusting the head restraint height



- ▶ **To raise:** pull the head restraint up to the desired position.
- ▶ **To lower:** press release catch ① in the direction of the arrow and push the head restraint down to the desired position.

Adjusting the angle of the head restraints



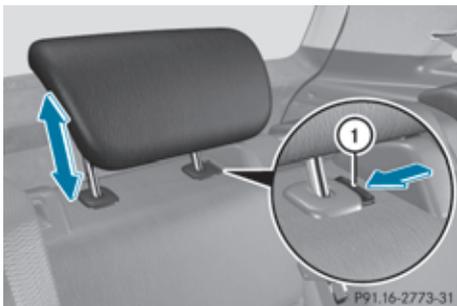
- ▶ Push or pull the upper edge of the head restraint in the direction of the arrow.

Adjusting the head restraints electrically

- ▶ **To adjust the head restraint height:** slide the switch for head restraint adjustment (▷ page 70) up or down in the direction of the arrow.

Rear seat head restraints

Adjusting the rear seat head restraint height



If the head restraint is fully lowered, it is necessary to press release catch ①.

- ▶ **To raise:** pull the head restraint up to the desired position.
- ▶ **To lower:** press release catch ① and push the head restraint down until it is in the desired position.

Adjusting the rear seat head restraint angle

Adjust the head restraints so that they are as close as possible to your head.

You can only adjust the two outer head restraints.



- ▶ Pull the bottom of the head restraint forwards or push it backwards.

Fitting/removing the rear seat head restraints

Risk of injury

Occupants should only travel sitting on seats which have the head restraints installed. This reduces the risk of injury to the passengers in the rear in the event of an accident.



- ▶ Fold the seat backrest slightly forwards in order to remove the head restraint (▷ page 191).
- ▶ **To remove:** pull the head restraint up to the stop.
- ▶ Press release catch ① and pull the head restraint out of the guides.

- ▶ **To refit:** insert the head restraint so that the notches on the bar are on the left when viewed in the direction of travel.
- ▶ Push the head restraint down until you hear it engage in position.

Adjusting the lumbar support

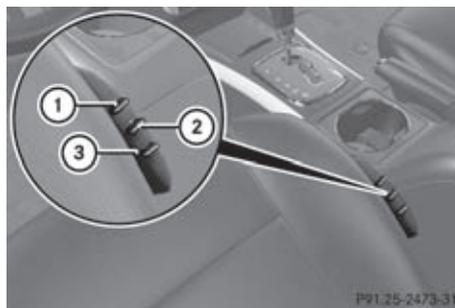
You can adjust the contour of the front seats so as to provide optimum support for your back.



- ▶ Move adjustment lever ① in the direction of the arrow until the desired backrest contour is achieved.

Adjusting the multicontour backrest

You can adjust the contour of the front seats individually so as to provide optimum support for your back.



- ① To adjust the backrest contour in the lumbar region
 - ② To adjust the backrest contour in the upper back region
 - ③ To adjust the backrest side bolsters
- ▶ Make sure that the key is in position **2** in the ignition lock.
 - ▶ Set the desired position with the relevant button.

Switching the seat heating on/off

Switching on/off

Risk of injury

Repeatedly setting the seat heating to level **3** may result in excessive seat temperatures. The health of passengers that have limited temperature sensitivity or a limited ability to react to excessively high temperatures may be affected or they may even suffer burn-like injuries. Therefore, do not use seat heating level **3** repeatedly.

The three red indicator lamps in the button indicate the heating level you have selected.

- i** If the battery voltage is too low, the seat heating may switch off.



Driver's and front-passenger seat

The system automatically switches down from level **3** to level **2** after approximately five minutes.

The system automatically switches down from level **2** to level **1** after approximately ten minutes.

The system automatically switches off approximately 20 minutes after it is set to level **1**.

- ▶ Make sure that the key is in position **1** or **2** in the ignition lock.
- ▶ **To switch on:** press button ① repeatedly until the desired heating level is set.
- ▶ **To switch off:** press button ① repeatedly until all the indicator lamps go out.

Problems with the seat heating

If one or all of the indicator lamps in the seat heating button are flashing, the seat heating has switched off automatically. The vehicle's electrical system voltage is too low because too many electrical consumers are switched on.

- ▶ Switch off electrical consumers which you do not need, such as the rear window heating or interior lighting.
Once the battery is sufficiently charged, the seat heating will switch back on automatically.

Steering wheel

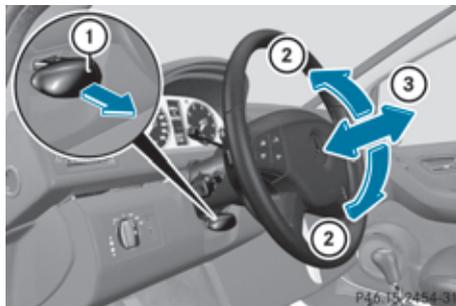
Important safety notes

Risk of accident

Only adjust the steering wheel when the vehicle is stationary and do not pull away until the steering wheel adjustment mechanism is locked in position. You might otherwise drive without the steering wheel adjustment mechanism being locked in position. As a result, you could be distracted from road and traffic conditions by an unintentional movement of the steering wheel and thereby cause an accident.

However, the steerability of the vehicle is not affected.

Adjusting the steering wheel



- ① Release handle
 - ② To adjust the steering wheel height
 - ③ To adjust the steering wheel position (fore-and-aft adjustment)
- ▶ Pull release handle ① out completely. The steering column is unlocked.
 - ▶ Adjust the steering wheel to the desired position.
 - ▶ Push release handle ① in completely until it engages fully. The steering column is locked.
 - ▶ Check if the steering column is locked. When doing so, try to push the steering wheel up or down or try to move it in the fore-and-aft direction.

Mirrors

Rear-view mirror

Rear-view mirror (manual anti-dazzle)



- ▶ **Anti-dazzle mode:** flick anti-dazzle switch ① forwards or back.

Automatic anti-dazzle rear-view mirror

The rear-view mirror automatically goes into anti-dazzle mode if the ignition is switched on and incident light from headlamps strikes the sensor in the rear-view mirror.

The rear-view mirror does not go into anti-dazzle mode if reverse gear is engaged or if the interior lighting is switched on.

Risk of accident

If incident light from headlamps is prevented from striking the sensor in the rear-view mirror, for instance, by luggage piled too high in the vehicle, the mirror's automatic anti-dazzle function will not operate.

Incident light could then dazzle you. This may distract you from the traffic conditions, and as a result, you may cause an accident. In this case, adjust the rear-view mirror manually.

Exterior mirrors

Adjusting the exterior mirrors

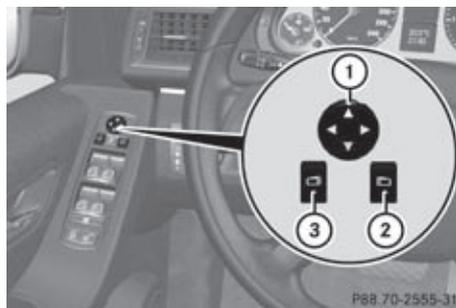
Risk of accident

The exterior mirrors reduce the size of the image. Objects are actually closer than they

appear. You could misjudge the distance from vehicles driving behind and cause an accident, e.g. when changing lane. For this reason, make sure of the actual distance from the vehicle driving behind by glancing over your shoulder.

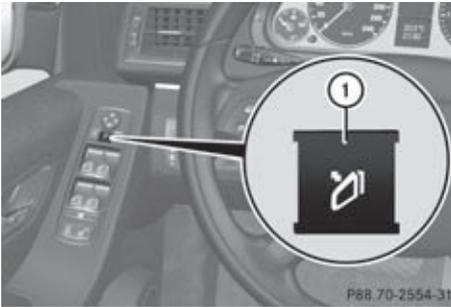
The convex exterior mirrors provide a larger field of vision.

The exterior mirrors are automatically heated if the rear window heating is switched on and the outside temperature is low.



- ▶ Make sure that the key is in position 1 or 2 in the ignition lock.
- ▶ Press button ② for the right-hand exterior mirror or button ③ for the left-hand exterior mirror. The indicator lamp in the corresponding button lights up in red. The indicator lamp goes out again after some time. You can adjust the selected mirror using adjustment button ① as long as the indicator lamp is lit.
- ▶ Press adjustment button ① up, down, to the right or to the left until the exterior mirror is set to a position that provides you with a good overview of traffic conditions.

Folding the exterior mirrors in or out electrically



- ▶ Make sure that the key is in position **1** or **2** in the ignition lock.
 - ▶ Briefly press button **①**.
Both exterior mirrors fold in or out.
- i** Make sure that the exterior mirrors are always folded out fully while the vehicle is in motion, as they may otherwise vibrate.

Setting the exterior mirrors

If the battery has been disconnected or completely discharged, the exterior mirrors must be reset. The exterior mirrors will otherwise not fold in when you select the "Fold in mirrors when locking" function in the on-board computer (▷ page 159).

- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ Briefly press button **①**.

Folding the exterior mirrors in or out automatically

If the "Fold in mirrors when locking" function is activated in the on-board computer (▷ page 159):

- the exterior mirrors fold in automatically as soon as you lock the vehicle from the outside.
- the exterior mirrors fold out again automatically as soon as you unlock the vehicle and then open the driver's or front-passenger door.

- i** The mirrors do not fold out if they have been folded in manually.

Exterior mirror out of position

If an exterior mirror has been pushed out of position, proceed as follows:

- ▶ **Vehicles without electrically folding exterior mirrors:** move the exterior mirror into the correct position manually.
- ▶ **Vehicles with electrically folding exterior mirrors:** press the mirror-folding button (▷ page 75) repeatedly until you hear the mirror engage in position. The mirror housing is engaged again and you can adjust the exterior mirrors as usual (▷ page 74).

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Vehicle equipment

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Exterior lighting

Important safety notes

For reasons of safety, Mercedes-Benz recommends that you drive with the lights switched on even during the daytime. In some countries, operation of the headlamps varies due to legal requirements and self-imposed obligations. In these countries, constant headlamp mode is automatically switched on when the engine is started.

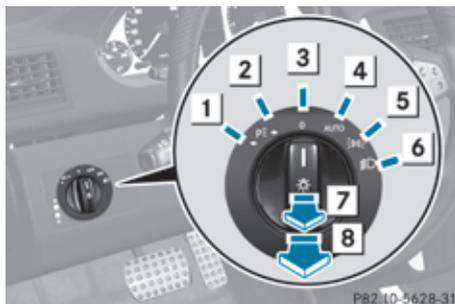
Notes on driving abroad

Convert to symmetrical dipped beam when driving abroad: switch the headlamps to symmetrical dipped beam in countries in which traffic drives on the opposite side of the road to the country where the vehicle is registered. This prevents glare to oncoming traffic. Symmetrical lights do not illuminate as large an area of the edge of the carriageway. Have the headlamps converted at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, as close to the border as possible before driving in these countries.

Convert to asymmetrical dipped beam after returning: have the headlamps converted back to asymmetrical dipped beam at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, as soon as possible after crossing the border and returning to the original country.

Light switch

Operation



- | | | |
|---|------|---|
| 1 | ←P← | Left-hand parking lamps |
| 2 | P←→ | Right-hand parking lamps |
| 3 | 0 | Lights off/daytime driving lights |
| 4 | AUTO | Automatic headlamp mode/daytime driving lights |
| 5 | ☾☽ | Side lamps, licence plate and instrument lighting |
| 6 | ☾☽ | Dipped-beam/main-beam headlamps |
| 7 | 0☾ | Vehicles without foglamps: rear foglamp |
| 7 | ☽0 | Vehicles with foglamps: front foglamp |
| 8 | 0☾ | Vehicles with foglamps: rear foglamp |

The turn signals, main-beam headlamps and the headlamp flasher are operated using the combination switch (▷ page 80).

! Switch off the side lamps and parking lamp when you leave the vehicle. This prevents the battery from discharging.

The exterior lighting (except the side lamps/parking lamps) switches off automatically if you:

- remove the key from the ignition lock
- open the driver's door with the key in position **0**

If you hear a warning tone when you leave the vehicle, the lights may still be switched on.

- ▶ Turn the light switch to  or **AUTO**.
or 
- ▶ If the rear foglamp is switched on: press the light switch in to the stop.

Dipped-beam headlamps

- ▶ **To switch on the dipped-beam headlamps:** turn the key in the ignition lock to position **2** or start the engine.
- ▶ Turn the light switch to .
The  indicator lamp in the instrument cluster lights up.
- ▶ **To switch off the dipped-beam headlamps:** turn the light switch to .

Daytime driving lights

You can activate or deactivate the daytime driving lights function using the on-board computer (▷ page 157).

- ▶ **Daytime driving lights:** activate the daytime driving lights function using the on-board computer.
- ▶ Turn the light switch to  or **AUTO**.
When the engine is on: the dipped-beam headlamps are switched on.

Automatic headlamps

Risk of accident

If the light switch is set to **AUTO**, the dipped-beam headlamps will not come on automatically if it is foggy. This could endanger you and others. Therefore, turn the light switch to  in fog.

The automatic headlamp feature is only an aid. The driver is responsible for the vehicle's lighting at all times.

Risk of accident

When it is dark or foggy, turn the light switch from **AUTO** to  in good time. Otherwise, the headlamps could switch off temporarily and you could cause an accident.

- ▶ **To switch on automatic headlamp mode:** turn the light switch to **AUTO**.
Key in position **1** in the ignition lock: the side lamps are switched on or off automatically depending on the brightness of the ambient light.
With the engine running: depending on the brightness of the ambient light, the dipped-beam headlamps are switched on or off automatically.
When the dipped-beam headlamps are switched on, the  indicator lamp in the instrument cluster lights up.

Foglamps and rear foglamp

Front foglamps

Risk of accident

If you suspect that driving conditions will be foggy, turn the light switch to  before you start your journey. Otherwise, your vehicle may not be visible and you could endanger yourself and others.

- ▶ **To switch on the front foglamps:** turn the key in the ignition lock to position **2** or start the engine.
- ▶ Turn the light switch to  or . If the light switch is set to **AUTO**, you cannot switch on the foglamps.
- ▶ Pull the light switch out to the first detent. The green  indicator lamp on the light switch lights up.
- ▶ **To switch off the front foglamps:** press the light switch in as far as it will go. The green  indicator lamp on the light switch goes out.

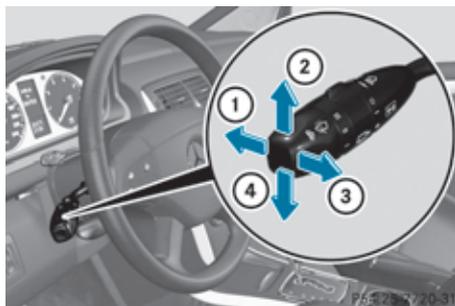
Rear foglamp

- ▶ **To switch on (vehicles with front foglamps):** turn the key in the ignition lock to position **2** or start the engine.
- ▶ Turn the light switch to  or . When the light switch is set to **AUTO**, you cannot switch on the rear foglamp.

- ▶ Pull the light switch out to the second stop. The yellow  indicator lamp on the light switch lights up.
- ▶ **To switch off the rear foglamp:** press the light switch in as far as it will go. The yellow  indicator lamp on the light switch goes out.
- ▶ **To switch on (vehicles without front foglamps):** turn the key in the ignition lock to position **2** or start the engine.
- ▶ Turn the light switch to . When the light switch is set to **AUTO**, you cannot switch on the rear foglamp.
- ▶ Turn the light switch to . When the light switch is set to **A**, you cannot switch on the rear foglamp.
- ▶ Pull the light switch out to the stop. The yellow  indicator lamp on the light switch lights up.
- ▶ Pull the light switch out to the stop. The yellow  indicator lamp in the instrument cluster lights up.
- ▶ **To switch off the rear foglamp:** press the light switch in as far as it will go. The yellow  indicator lamp on the light switch goes out.
- ▶ **To switch off the rear foglamp:** press the light switch in as far as it will go. The yellow  indicator lamp in the instrument cluster goes out.

Combination switch

Turn signals



- ① Main-beam headlamps
 - ② Right turn signal
 - ③ Headlamp flasher
 - ④ Left turn signal
- ▶ **To indicate briefly:** press the combination switch briefly to the pressure point in the direction of arrow ② or ④. The corresponding turn signal flashes three times.
 - ▶ **To indicate:** press the combination switch beyond the pressure point in the direction of arrow ② or ④.

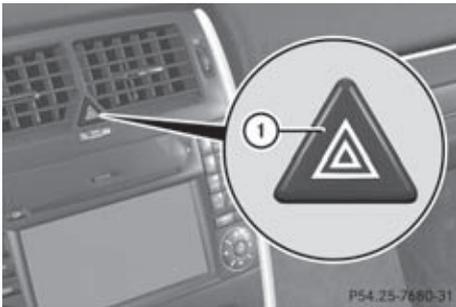
Main-beam headlamps

- ▶ **To switch on the main-beam headlamps:** turn the key in the ignition lock to position **2** or start the engine.
- ▶ Turn the light switch to .
- ▶ Press the combination switch beyond the pressure point in the direction of arrow ①. The  indicator lamp in the instrument cluster lights up.
- ▶ **To switch off the main-beam headlamps:** move the combination switch back to its normal position. The  indicator lamp in the instrument cluster goes out.

Headlamp flasher

- ▶ **To switch on:** turn the key in the ignition lock to position **1** or **2** or start the engine.
- ▶ Pull the combination switch briefly in the direction of arrow **③**.

Hazard warning lamps



The hazard warning lamps automatically switch on if:

- an airbag is deployed.
 - the vehicle decelerates rapidly from a speed of more than 70 km/h and comes to a standstill.
- ▶ **To switch on the hazard warning lamps:** press button **①**.
All turn signals flash. If you now switch on a turn signal using the combination switch, only the turn signal lamp on the corresponding side of the vehicle will flash.
- ▶ **To switch off the hazard warning lamps:** press button **①**.

The hazard warning lamps switch off automatically if the vehicle reaches a speed of over 10 km/h again after full brake application.

- i** The hazard warning lamps still operate if the ignition is switched off.

Adjusting the headlamp range (halogen headlamps)

The headlamp range control allows you to adjust the cone of light from the headlamps to suit the vehicle load.



Headlamp range control

- 0** Driver's seat and front-passenger seat occupied
 - 1** Driver's seat, front-passenger seat and rear seats occupied
 - 2** Driver's seat, front-passenger seat and rear seats occupied, luggage compartment laden
 - 3** Not required
- ▶ Start the engine.
- ▶ Turn headlamp range control to the position which corresponds to the load in your vehicle.

Headlamp cleaning system

The headlamps are cleaned automatically if the "Wipe with washer fluid" function is operated five times while the lights are on and the engine is running (> page 88). When you switch off the ignition, the automatic headlamp cleaning system is reset and counting is resumed from 0.

Cornering light function



The cornering light function improves the illumination of the road over a wide angle in the direction you are turning, enabling better visibility in tight bends, for example. It can only be activated when the dipped-beam headlamps are switched on.

Active:

- if you are driving at speeds below 40 km/h, the cornering light function is activated either by the turn signal or by the steering wheel being turned.
- if you are driving at speeds between 40 km/h and 70 km/h, the cornering light function is activated by the steering wheel being turned.

Not active: if you are driving at speeds above 70 km/h or switch off the turn signals or turn the steering wheel to the straight-ahead position.

The cornering light function may remain lit for a short time, but is automatically switched off after no more than three minutes.

Headlamps misted up inside

The headlamps may mist up on the inside if there is high atmospheric humidity.

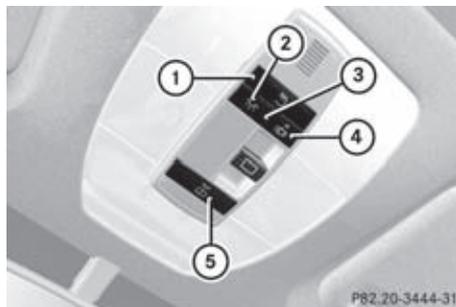
- ▶ Drive with the headlamps switched on. Depending on the duration of the journey and the weather conditions (humidity and temperature), the headlamps may demist.

If they do not demist:

- ▶ Have the headlamps checked at a qualified specialist workshop.

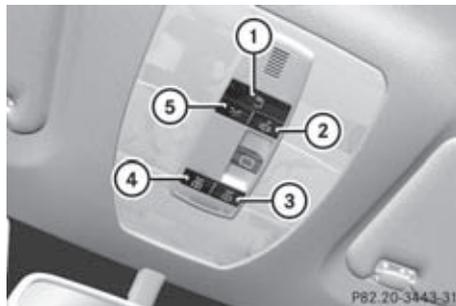
Interior lighting

Overview of interior lighting



Front overhead control panel (vehicles with a rocker switch)

- ①  To switch the rear interior lighting on/off
- ②  To switch the front interior lighting on
- ③ To switch the automatic interior lighting control on
- ④  To switch the front interior lighting/automatic interior lighting control off
- ⑤  To switch the front reading lamp on/off



Front overhead control panel (vehicles with buttons)

- ①  To switch the rear interior lighting on/off
- ②  To switch the automatic interior lighting control on/off

- ③  To switch the right-hand front reading lamp on/off
- ④  To switch the left-hand front reading lamp on/off
- ⑤  To switch the front interior lighting on/off



Rear-compartment overhead control panel

- ① To switch the reading lamp off
- ② To switch the reading lamp on

Interior lighting control

Important notes

In order to prevent the vehicle's battery from discharging, the interior lighting functions are automatically deactivated after some time except for when the key is in position **2** in the ignition lock.

Automatic interior lighting control

- ▶ **To switch on (vehicles with a rocker switch):** set the rocker switch to centre position ②.
- ▶ **To switch on (vehicles with buttons):** press the  button.
- ▶ **To switch off (vehicles with a rocker switch):** set the rocker switch to the  position.
- ▶ **To switch off (vehicles with buttons):** press the  button.

The interior lighting automatically switches on if you:

- unlock the vehicle
- open a door
- remove the key from the ignition lock

The interior light is activated for a short while when the key is removed from the ignition lock. You can activate this delayed switch-off using the on-board computer (▷ page 158).

Manual interior lighting control

- ▶ **To switch the front interior lighting on/off:** press the  button.
- ▶ **To switch the rear interior lighting on/off:** press the  button.
- ▶ **To switch the reading lamps on/off:** press the  button.

Crash-responsive emergency lighting

The interior lighting is activated automatically if the vehicle is involved in an accident.

- ▶ **To switch off the crash-responsive emergency lighting:** press the hazard warning lamp button.
- or
- ▶ Lock and then unlock the vehicle using the key.

Changing bulbs

Important safety notes

Xenon bulbs

If your vehicle is equipped with xenon bulbs, you can recognise this by the following: the cone of light from the xenon bulbs moves from the top to the bottom and back again when you start the engine. For this to be observed, the lights must be switched on before starting the engine.

⚠ Risk of injury

Xenon bulbs carry a high voltage. You could get an electric shock and be seriously or even fatally injured if you touch the electric contacts on xenon bulbs. Therefore, never remove the cover from xenon bulbs.

Do not change xenon bulbs yourself, but have them replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.

Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Bulbs and lamps are an important aspect of vehicle safety. You must therefore make sure that these function correctly at all times. Have the headlamp setting checked regularly.

Other bulbs**⚠ Risk of injury**

Bulbs and lights can become very hot. For this reason, allow them to cool down before changing them. Otherwise, you could burn yourself when you touch them.

Keep bulbs out of the reach of children. Otherwise, they could damage them, for example, and injure themselves.

Never use a bulb which has been dropped. Such a bulb may explode and injure you.

Halogen bulbs are pressurised and could explode when you change them, especially if they are very hot. You should therefore wear eye protection and gloves when you are changing them.

There are bulbs other than the xenon bulbs that you cannot replace. Replace only the bulbs listed (▷ page 84). Have the bulbs that you cannot replace yourself changed at a qualified specialist workshop.

Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this pur-

pose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

If you require assistance changing bulbs, consult a qualified specialist workshop.

Do not touch the glass tube of new bulbs with your bare hands. Even minor contamination can burn into the glass surface and reduce the service life of the bulbs. Always use a lint-free cloth or only touch the base of the bulb when fitting.

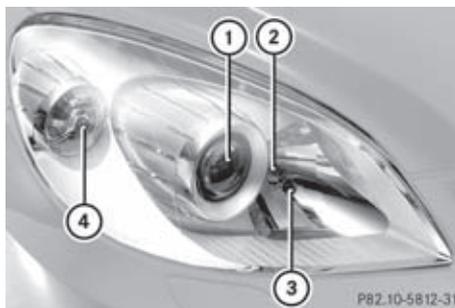
Only use bulbs of the correct type.

If the new bulb still does not light up, consult a qualified specialist workshop.

Bulbs and lamps are an important aspect of vehicle safety. You must therefore make sure that these function correctly at all times. Have the headlamp setting checked regularly.

Overview of bulb replacement - bulbs

You can change the following bulbs. The bulb type can be found in the legend.



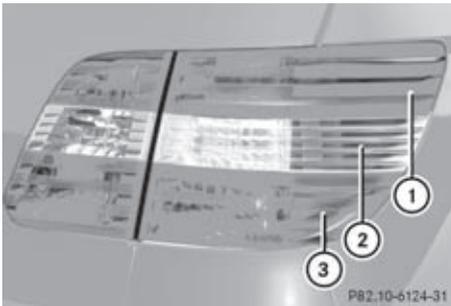
Halogen headlamps

- ① Dipped-beam headlamp: H7 55 W
- ② Main-beam headlamp: H7 55 W
- ③ Side lamp/parking lamp: W 5 W
- ④ Turn signal lamp: PY 21 W



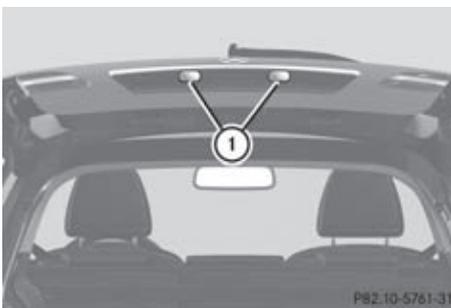
Bi-xenon headlamps

- ① Turn signal lamp: PY 21 W
- ② Side lamp/parking lamp: W 5 W
- ③ Cornering lamp: H7 55 W



Tail lamp

- ① Brake lamp: P 21 W
- ② Turn signal lamp: PY 21 W
- ③ Tail lamp: P 21/5 W



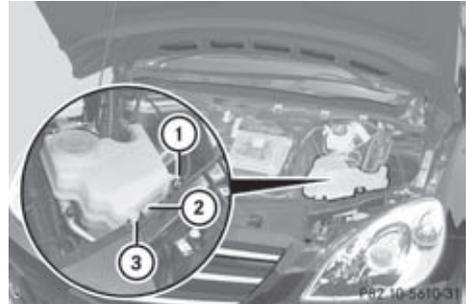
Licence plate lamp

- ① Licence plate lamp: C 5 W

Changing the front bulbs

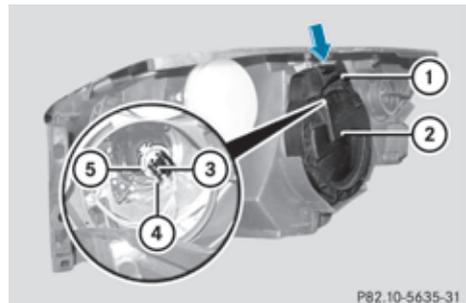
Removing/fitting the washer fluid reservoir

You must remove the washer fluid reservoir in the engine compartment before replacing the bulbs of the left-hand headlamp.



- ▶ **To remove:** turn catch ① anti-clockwise.
- ▶ Remove washer fluid reservoir ② from bracket ③.
- ▶ Place washer fluid reservoir ② with connecting hoses to one side. Make sure that no washer fluid escapes.
- ▶ **To fit:** guide the lower retaining lug into the rubber grommet on the longitudinal member and fit washer fluid reservoir ② into bracket ③.
- ▶ Turn catch ① clockwise.

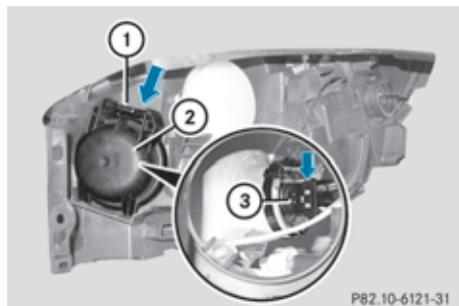
Dipped-beam headlamps (halogen headlamps)



- ▶ Switch off the lights.
- ▶ Open the bonnet.

- ▶ Left-hand headlamp: remove the washer fluid reservoir (▷ page 85).
- ▶ Press retaining lug ① down and remove housing cover ②.
- ▶ Pull connector ③ from bulb ⑤.
- ▶ Detach retaining spring ④ and remove bulb ⑤.
- ▶ Insert the new bulb so that it fits flush.
- ▶ Attach retaining spring ④.
- ▶ Attach connector ③ to bulb ⑤.
- ▶ Align the bottom of housing cover ② and fold it upwards until it engages.
- ▶ Left-hand headlamp: install the washer fluid reservoir (▷ page 85).

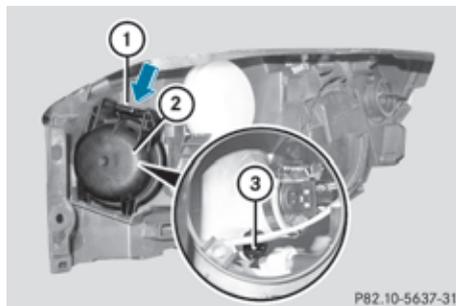
Main-beam headlamps (halogen headlamps)/cornering lamps (bi-xenon headlamps)



- ▶ Switch off the lights.
- ▶ Open the bonnet.
- ▶ Left-hand headlamp: remove the washer fluid reservoir (▷ page 85).
- ▶ Press retaining lug ① down and remove housing cover ②.
- ▶ Turn bulb holder ③ anti-clockwise and pull it out.
- ▶ Take the bulb out of bulb holder ③.
- ▶ Insert the new bulb into bulb holder ③.
- ▶ Insert bulb holder ③ into the lamp and turn it clockwise.

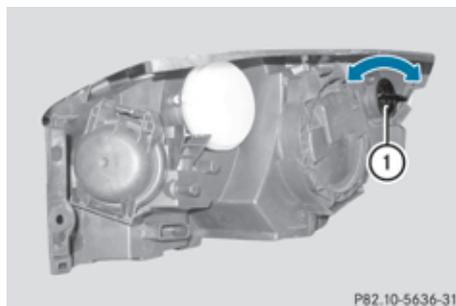
- ▶ Align the bottom of housing cover ② and fold it upwards until it engages.
- ▶ Left-hand headlamp: install the washer fluid reservoir (▷ page 85).

side lamp/parking lamp



- ▶ Switch off the lights.
- ▶ Open the bonnet.
- ▶ Left-hand headlamp: remove the washer fluid reservoir (▷ page 85).
- ▶ Press retaining lug ① down and remove housing cover ②.
- ▶ Pull out bulb holder ③.
- ▶ Take the bulb out of bulb holder ③.
- ▶ Insert the new bulb into bulb holder ③.
- ▶ Insert bulb holder ③.
- ▶ Align the bottom of housing cover ② and fold it upwards until it engages.
- ▶ Left-hand headlamp: install the washer fluid reservoir (▷ page 85).

Turn signals

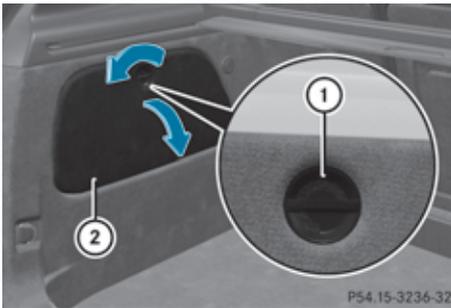


- ▶ Switch off the lights.
- ▶ Open the bonnet.
- ▶ Turn bulb holder ① anti-clockwise and pull it out.
- ▶ Turn the bulb anti-clockwise, applying slight pressure, and remove it from bulb holder ①.
- ▶ Insert the new bulb into bulb holder ① and turn it clockwise while applying slight pressure.
- ▶ Insert bulb holder ① into the lamp and turn it clockwise.

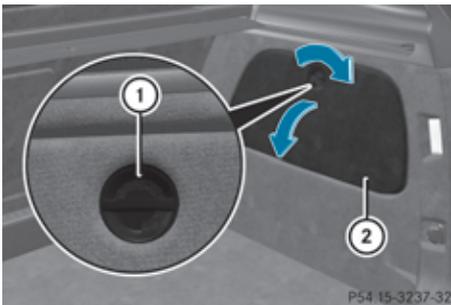
Changing the rear bulbs

Opening and closing the side trim panels

You must open the side trim panel in the luggage compartment before you can change the bulbs in the tail lamps.



Left-hand side trim panel

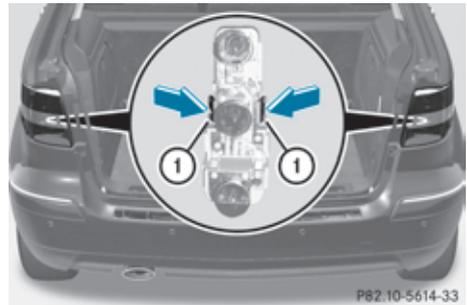


Right-hand side trim panel

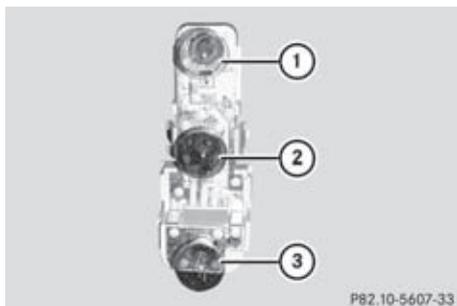
- ▶ **To open:** turn release knob ① 90° in the direction of the arrow and remove side trim panel ②.
- ▶ Left-hand side: remove the first-aid kit.
- ▶ Right-hand side: remove the stowage compartment.
- ▶ **To close:** left-hand side: insert the first-aid kit.
- ▶ Right-hand side: insert the stowage compartment.
- ▶ Insert side trim panel ② and turn release knob ① 90° in the opposite direction to the arrow.

Tail lamps

- ▶ Switch off the lights.
- ▶ Open the luggage compartment.
- ▶ Open the side trim panel (▷ page 87).



- ▶ Press retaining lugs ① simultaneously in the direction of the arrow and pull the bulb holder out.



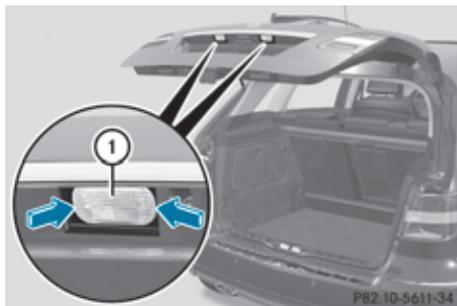
PB2.10-5607-33

Bulb holder

- ① Brake lamp
- ② Turn signals
- ③ Tail lamp

- ▶ Lightly press the corresponding bulb into the holder, turn it anti-clockwise and remove it from the bulb holder.
- ▶ Insert the corresponding new bulb into the bulb holder and turn it clockwise.
- ▶ Attach the bulb holder and press firmly. The retaining lugs on the bulb holder engage audibly.
- ▶ Close the side trim panel (▷ page 87).

Licence plate lamps



PB2.10-5611-34

- ▶ Switch off the lights.
- ▶ Open the tailgate.
- ▶ Using a screwdriver, loosen both sides of licence plate lamp ① in the direction of the arrow.
- ▶ Remove licence plate lamp ①.

- ▶ Replace the bulb.
- ▶ Insert licence plate lamp ① and press it in until it engages.

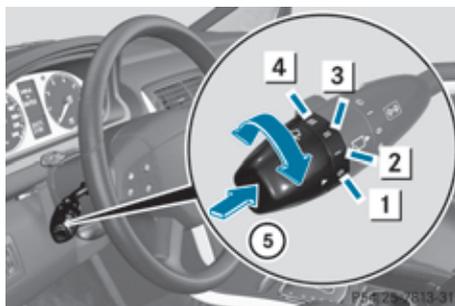
Windscreen wipers

Switching the windscreen wipers on/off

Risk of accident

The windscreen will not longer be wiped properly if the wiper blades are worn. This could prevent you from observing the traffic conditions, thereby causing an accident. Replace the wiper blades twice a year, ideally in spring and autumn.

- !** Do not operate the windscreen wipers when the windscreen is dry, as this could damage the wiper blades. Moreover, dust that has collected on the windscreen can scratch the glass if wiping takes place when the windscreen is dry.
- !** If the windscreen wipers leave smears on the windscreen after the vehicle has been washed in an automatic car wash, this may be due to wax or other residue. Clean the windscreen with washer fluid after an automatic car wash.



Combination switch

- ① 0 Windscreen wipers off
- ② I Intermittent wipe/rain sensor
- ③ II Continuous wipe, slow

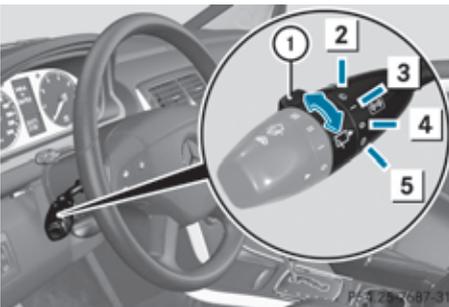
- 4 III Continuous wipe, fast
 - 5  Single wipe/  To wipe the windscreen using washer fluid
- ▶ Turn the key to position **1** or **2** in the ignition lock.
 - ▶ Turn the combination switch to the corresponding position.

! Vehicles with a rain sensor: if the windscreen becomes dirty in dry weather conditions, the windscreen wipers may be activated inadvertently. This could damage the windscreen wiper blades or scratch the windscreen.

For this reason, you should always switch off the windscreen wipers in dry weather.

Vehicles with a rain sensor: in the  or  position, the appropriate wiping frequency is automatically set according to the intensity of the rain. In the  position, the rain sensor is more sensitive than in the  position, causing the windscreen wiper to wipe more frequently.

Switching the rear window wiper on/off



Combination switch

- ①  Switch
- 2  To wipe with washer fluid
- 3 I To switch on intermittent wiping
- 4 0 To switch off intermittent wiping
- 5  To wipe with washer fluid

- ▶ Turn the key to position **1** or **2** in the ignition lock.
- ▶ Turn switch ① on the combination switch to the corresponding position. When the rear window wiper is switched on, the icon appears in the instrument cluster.

Replacing the wiper blades

Important safety notes

Risk of accident

The wiper arms could start moving and cause an injury if you leave the windscreen wipers switched on.

Remove the key from the ignition lock before replacing the wiper blades.

! To avoid damaging the windscreen wiper blades, make sure that you touch only the wiper arm of the windscreen wiper.

! Never open the bonnet if a windscreen wiper arm has been folded away from the windscreen.

Never fold a windscreen wiper arm without a wiper blade back onto the windscreen/rear window.

Hold the windscreen wiper arm firmly when you change the wiper blade. If you release the windscreen wiper arm without a wiper blade and it falls onto the windscreen, the windscreen may be damaged by the force of the impact.

Mercedes-Benz recommends that you have the wiper blades replaced by a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Replacing the windscreen wiper blades

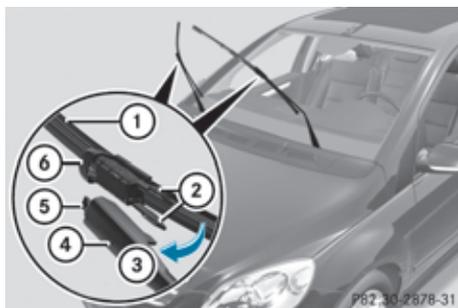
Removing the wiper blades

- ▶ Remove the key from the ignition lock.
- ▶ Fold the wiper arm away from the windscreen.



- ▶ Press both release clips ②.
- ▶ Fold wiper blade ① in the direction of arrow ③ away from wiper arm ④.
- ▶ Remove wiper blade ① in the direction of arrow ⑤.

Fitting the wiper blades



- ▶ Position the new wiper blade ① with recess ⑥ on lug ⑤.
- ▶ Fold wiper blade ① in the direction of arrow ③ onto the wiper arm, until retaining clips ② engage in bracket ④.
- ▶ Make sure that wiper blade ① is seated correctly.
- ▶ Fold the wiper arm back onto the windscreen.

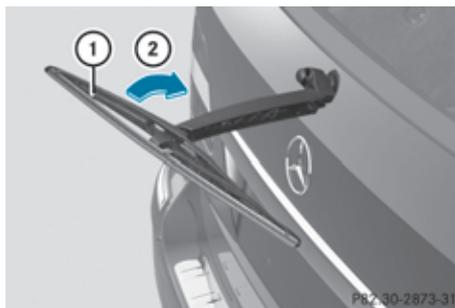
Replacing the rear window wiper blade

⚠ Risk of injury

The wiper arm could be set in motion and injure you if the windscreen wipers are switched on.

Remove the key from the ignition lock before replacing the wiper blade.

Removing the wiper blade



- ▶ Remove the key from the ignition lock.
- ▶ Fold the wiper arm away from the rear window until it engages.
- ▶ Turn wiper blade ① in the direction of arrow ② until it is released from the retainer on the wiper arm.
- ▶ Remove wiper blade ①.

Fitting the wiper blade

- ▶ Push new wiper blade ① onto the wiper arm until you feel it engage.
- ▶ Make sure that wiper blade ① is seated correctly.
- ▶ Turn wiper blade ① parallel to the wiper arm.
- ▶ Fold the wiper arm back onto the rear window.

Adjusting the spraying nozzles

Check the spraying nozzles setting regularly. If they have moved, you can readjust them yourself.

⚠ Risk of injury

The wiper arms could start moving and cause an injury if you leave the windscreen wipers switched on.

Remove the key from the ignition lock before adjusting the spraying nozzles.

- !** Do not use any tools, e.g. a needle, to adjust the spraying nozzles. There is otherwise a risk of damaging the spraying nozzles.



- ▶ Swivel spraying nozzles ① upwards or downwards.
- ▶ Wipe briefly with washer fluid to test them (▷ page 88).
The spraying nozzles are correctly positioned if the stream of water hits the front windscreen approximately in the centre.

Problems with the windscreen wipers

The windscreen wipers are obstructed

Leaves or snow, for example, may be obstructing the windscreen wiper movement. The wiper motor has been deactivated.

- ▶ For safety reasons, you should remove the key from the ignition lock.
- ▶ Remove the cause of the obstruction.
- ▶ Switch the windscreen wipers back on.

The windscreen wipers are inoperative

The windscreen wiper drive is malfunctioning.

- ▶ Select another wiper speed on the combination switch.
- ▶ Have the windscreen wipers checked at a qualified specialist workshop.

Vehicle equipment	94
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Adjusting the air vents	103

Vehicle equipment

- i** This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

this reason, you should always observe the interval for replacing the filter, which is specified in the Service Booklet. As it depends on environmental conditions, e.g. heavy air pollution, the interval may be shorter than stated in the Service Booklet.

Overview of climate control systems

Important safety notes

Risk of accident

Observe the settings recommended on the following pages. Otherwise, the windows could mist up. This may obstruct your view of the traffic situation and, as a result, you may cause an accident.

The air-conditioning system/
THERMOTRONIC automatic climate control controls the temperature and the humidity of the vehicle interior and filters undesirable substances from the air.

Heatmatic/the air-conditioning system/
THERMOTRONIC automatic climate control is only operational when the engine is running¹⁴. Optimum operation is only achieved if you drive with the side windows and panorama louvred sliding sunroof closed.

- i** Ventilate the vehicle for a brief period during warm weather, e.g. using the convenience opening feature (▷ page 63). This will speed up the cooling process and the desired vehicle interior temperature will be reached more quickly.
- i** The integrated filter can filter out most particles of dust and completely filters out pollen. A clogged filter reduces the amount of air supplied to the vehicle interior. For

¹⁴ THERMOTRONIC automatic climate control: the residual heat function can only be activated/deactivated when the ignition is switched off.

Heatmatic control panel



PB3.20-2382-31

- ① Sets the temperature (▷ page 99)
 Demists the windscreen (▷ page 100)
- ② Activates/deactivates air-recirculation mode (▷ page 101)
- ③ Sets the airflow (▷ page 100)
 Switches climate control on/off (▷ page 97)
 Demists the windscreen (▷ page 100)
- ④ Switches the rear window heating on/off (▷ page 101)
- ⑤ Sets the air distribution (▷ page 99)
 Demists the windscreen (▷ page 100)

Notes on using Heatmatic

Below, you can find a number of notes and recommendations to help you use Heatmatic optimally.

- Switch on climate control by turning control knob ③ clockwise to the desired position (except position **0**).
- Only use the demisting function briefly until the windscreen is clear again.
- Only use air-recirculation mode briefly, e.g. if there are unpleasant outside odours or when in a tunnel. The windows could otherwise mist up, as in air-recirculation mode, no fresh air is drawn into the vehicle.

Air-conditioning system control panel



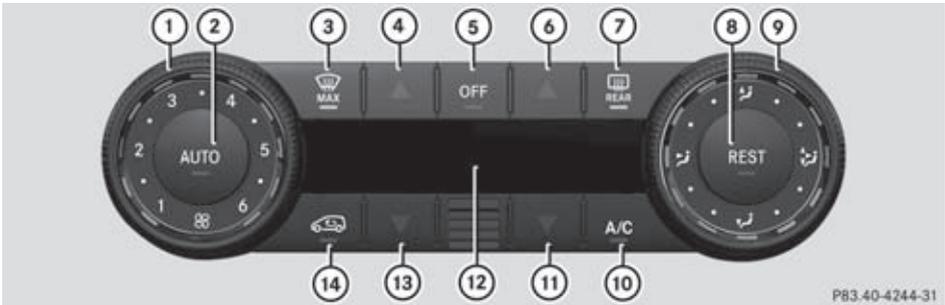
- ① Sets the temperature (▷ page 99)
 Demists the windscreen (▷ page 100)
- ② Activates/deactivates air-recirculation mode (▷ page 101)
- ③ Sets the airflow (▷ page 100)
 Switches climate control on/off (▷ page 97)
 Demists the windscreen (▷ page 100)
- ④ Switches the rear window heating on/off (▷ page 101)
- ⑤ Sets the air distribution (▷ page 99)
 Demists the windscreen (▷ page 100)
- ⑥ Activates/deactivates cooling with air dehumidification (▷ page 98)

Notes on using the air-conditioning system

Below, you can find a number of notes and recommendations to help you use the air-conditioning system optimally.

- Switch on the air-conditioning system by turning control knob ③ clockwise to the desired position (except position 0).
- Set the temperature to 22 °C.
- Only use the demisting function briefly until the windscreen is clear again.
- Only use air-recirculation mode briefly, e.g. if there are unpleasant outside odours or when in a tunnel. The windows could otherwise mist up, as in air-recirculation mode, no fresh air is drawn into the vehicle.

Control panel for THERMOTRONIC automatic climate control



- ① Sets the airflow (▷ page 100)
- ② Sets climate control to automatic mode (▷ page 99)
- ③ Demists the windscreen (▷ page 100)
- ④ Increases the temperature, left (▷ page 99)
- ⑤ Switches climate control on/off (▷ page 97)
- ⑥ Increases the temperature, right (▷ page 99)
- ⑦ Switches the rear window heating on/off (▷ page 101)
- ⑧ Activates/deactivates the residual heat function (▷ page 102)
- ⑨ Sets the air distribution (▷ page 99)
- ⑩ Activates/deactivates cooling with air dehumidification
- ⑪ Reduces the temperature, right (▷ page 99)
- ⑫ Display
- ⑬ Reduces the temperature, left (▷ page 99)
- ⑭ Activates/deactivates air-recirculation mode (▷ page 101)

Notes on using THERMOTRONIC automatic climate control

The following contains instructions and recommendations to enable you to get the most out of your THERMOTRONIC automatic climate control.

- Activate climate control using the **AUTO** and **A/C** buttons. The indicator lamps in the **AUTO** and buttons light up.
- Set the temperature to 22 °C.
- Only use the demisting function briefly until the windscreen is clear again.
- Only use air-recirculation mode briefly, e.g. if there are unpleasant outside odours or when in a tunnel. The windows could oth-

erwise mist up, as in air-recirculation mode, no fresh air is drawn into the vehicle.

- Use the residual heat function if you want to heat or ventilate the vehicle interior when the ignition is switched off. The residual heat function can only be activated or deactivated with the ignition switched off.

Operating the climate control system

Switching climate control on/off

Important information

- ❗ When climate control is switched off, the air supply and air circulation are also switched off. Only select this setting

briefly. Otherwise, the windows may mist up.

- ❗ Switch on climate control primarily using the **AUTO** button (▷ page 99).

Activating/deactivating

Heatmatic/air-conditioning system

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To switch off:** turn control ③ clockwise to the desired position (except position **0**) (▷ page 95), (▷ page 96).
- ▶ **To switch off:** turn control ③ anti-clockwise to position **0** (▷ page 95), (▷ page 96).

THERMOTRONIC automatic climate control

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To activate:** press the **AUTO** button. The indicator lamp in the **AUTO** button lights up. Airflow and air distribution are set to automatic mode.

or

- ▶ Press the **OFF** button. The indicator lamp in the **OFF** button goes out. The previously selected settings come into effect again.
- ▶ **To switch off:** press the **OFF** button. The indicator lamp in the **OFF** button lights up.

Activating/deactivating cooling with air dehumidification

Important information

The cooling with air dehumidification function is only available when the engine is running. The air inside the vehicle is cooled and dehumidified according to the temperature selected.

Risk of accident

If the "cooling with air dehumidification" function is deactivated, the air inside the vehicle will not be cooled (during warm weather) or dehumidified. The windows could mist up more quickly. This may prevent you from observing the traffic conditions, thereby causing an accident.

Condensation may drip from the underside of the vehicle when THERMOTRONIC is in cooling mode. This is normal and not a sign that there is a malfunction.

The cooling with air dehumidification function is only available with the air-conditioning system or THERMOTRONIC automatic climate control.

- ❗ The cooling with air dehumidification function uses refrigerant R134a. This coolant does not contain chlorofluorocarbons, and therefore does not damage the ozone layer.

Activating/deactivating

- ▶ **To activate:** press the **A/C** button. The indicator lamp in the **A/C** button lights up.
- ▶ **To switch off:** press the **A/C** button. The indicator lamp in the **A/C** button goes out. The cooling with air dehumidification function has a delayed switch-off feature.

Problems with the cooling with air dehumidification function

When you press the **A/C** button, the indicator lamp in the button flashes three times or remains off. You can no longer switch on the cooling with air dehumidification function.

- ▶ Consult a qualified specialist workshop.

Setting climate control to automatic

Only THERMOTRONIC automatic climate control features the "control climate control automatically" function.

In automatic mode, the set temperature is maintained automatically at a constant level. The system automatically regulates the temperature of the dispensed air, the airflow and the air distribution.

Automatic mode will achieve optimal operation if cooling with air dehumidification is also activated. If desired, cooling with air dehumidification can be deactivated.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Set the desired temperature.
- ▶ **To activate:** press the **AUTO** button. The indicator lamp in the **AUTO** button lights up. Automatic air distribution and airflow are activated.
- ▶ **To switch off:** press the **AUTO** button. The indicator lamp in the **AUTO** button goes out. The airflow is regulated to the level set. The air distribution is set to the  position.

Setting the temperature

Heatmatic/air-conditioning system

You can set the temperature for the entire vehicle.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To increase/reduce:** turn control **(1)** clockwise or anti-clockwise (▷ page 95), (▷ page 96). Only adjust the temperature in small increments. Start at 22 °C¹⁵.

THERMOTRONIC automatic climate control

Different temperatures can be set for the driver's and front-passenger sides.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To increase/reduce:** press the  or  button.

Only change the temperature setting in small increments. Start at 22 °C.

Sets the air distribution

Air distribution settings

-  Directs the airflow through the demister vents
-  Directs the airflow through the demister vents
-  Directs the airflow to the entire vehicle interior
-  Directs the airflow through the footwell and side air vents
-  Directs the airflow to the centre and side air vents

Heatmatic/air-conditioning system

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Turn control **(5)** to the corresponding symbol (▷ page 95), (▷ page 96). The control can also be turned to the area between two symbols.

THERMOTRONIC automatic climate control

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Turn control **(9)** to the corresponding symbol. The control can also be turned to the area between two symbols.

¹⁵ Air-conditioning system.

Setting the airflow

Heatmatic/air-conditioning system

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To increase/reduce:** turn control ③ clockwise or anti-clockwise (▷ page 95), (▷ page 96).

THERMOTRONIC automatic climate control

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To increase/reduce:** turn control ① clockwise or anti-clockwise .

Demisting the windscreen

You can use this function to defrost the windscreen or to demist the inside of the windscreen and the side windows.

- i** You should only select the demisting function until the windscreen is clear again.

Heatmatic/air-conditioning system

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To switch on:** activate cooling with air dehumidification¹⁶.
- ▶ Deactivate air-recirculation mode.
- ▶ Turn controls ①, ③ and ⑤ to the  position (▷ page 95), (▷ page 96).
- ▶ **To switch off:** turn controls ①, ③ and ⑤ to the desired position (apart from the  position) (▷ page 95), (▷ page 96).

THERMOTRONIC automatic climate control

- ▶ Turn the key to position **2** in the ignition lock.
 - ▶ **To activate:** press the  button. The indicator lamp in the  button lights up. The system automatically switches to the following functions:
 - cooling with air dehumidification on
 - high airflow¹⁷
 - high temperature¹⁷
 - air distribution to the windscreen and front side windows
 - air-recirculation mode off
 - ▶ **To switch off:** press the  button. The indicator lamp in the  button goes out. The previously selected settings come into effect again. The cooling with air dehumidification function remains on. Air-recirculation mode remains deactivated.
- or
- ▶ Press the **AUTO** button. The indicator lamp in the  button goes out. Airflow and air distribution are set to automatic mode.
- or
- ▶ Press one of the  or  temperature buttons. The indicator lamp in the  button goes out. The air distribution is directed towards the windscreen. Climate control switches to manual mode.
- or
- ▶ Turn control ① clockwise or anti-clockwise . The indicator lamp in the  button goes out. The air distribution is directed towards the windscreen. Climate control switches to manual mode.

¹⁶ Air-conditioning system.

¹⁷ Depending on the outside temperature.

Demisting the windows

Windows misted up on the inside

- ▶ Activate the cooling with air dehumidification function  ¹⁸.
- ▶ Activate automatic mode  ¹⁹.
- ▶ If the windows continue to mist up, activate the demisting function (▷ page 100).

i You should only select this setting until the windscreen is clear again.

Windows misted up on the outside

- ▶ Activate the windscreen wipers.
- ▶ Turn the air distribution thumbwheel to the  or  symbol.

i You should only select this setting until the windscreen is clear again.

Rear window heating

Activating/deactivating

Risk of accident

Clear all windows of ice or snow before setting off. Otherwise, impaired visibility could endanger you and others.

The rear window heating has a high current draw. You should therefore switch it off as soon as the window is clear, as it only switches off automatically after several minutes.

If the battery voltage is too low, the rear window heating may switch off.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Press the  ²⁰ /  ²¹ button. The indicator lamp in the  ²⁰ /  ²¹ button lights up or goes out.

Problems with the rear window heating

If the indicator lamp in the  /  rear window heating button flashes, the on-board voltage is too low or the roof is open. The rear window heating has switched off prematurely or cannot be activated.

- ▶ Switch off any consumers that are not required, e.g. reading lamps or interior lighting. When the battery is sufficiently charged, the rear window heating is activated again automatically.

Activating/deactivating air-recirculation mode

You can deactivate the flow of fresh air if unpleasant odours are entering the vehicle from outside. The air already inside the vehicle will then be recirculated.

The operation of air-recirculation mode is the same for all control panels.

Risk of accident

Only switch over to air-recirculation mode briefly at low outside temperatures. Otherwise, the windows could mist up, thus impairing visibility and endangering yourself and others. This may prevent you from observing the traffic conditions, thereby causing an accident.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To activate:** press the  button. The indicator lamp in the  button lights up.
- i** Air-recirculation mode is activated automatically at high outside temperatures. When air-recirculation mode is activated

¹⁸ Only available with the air-conditioning system or THERMOTRONIC automatic climate control.

¹⁹ THERMOTRONIC automatic climate control.

²⁰ Air-conditioning system/THERMOTRONIC automatic climate control.

²¹ Heatmatic.

automatically, the indicator lamp in the  button is not lit.

Outside air is added after about 30 minutes.

- ▶ **To switch off:** press the  button. The indicator lamp in the  button goes out.

i Air-recirculation mode deactivates automatically:

- after approximately five minutes at outside temperatures below approximately 7 °C
- after approximately five minutes if cooling with air dehumidification is deactivated²²
- after approximately 30 minutes at outside temperatures above approximately 7 °C

Convenience opening/closing using the air-recirculation button

Risk of injury

Make sure that nobody can become trapped between the side window and the door frame as the side windows are opened and closed. Make sure that all objects and body parts are clear of the side windows when they are being opened or closed. You or the objects could be drawn in or become trapped between the side window and the door frame as the window moves. If there is a risk of entrapment, operate the  switch to move the side window in the opposite direction.

Make sure that nobody can become trapped as the panorama louvred sliding sunroof is opened and closed. If there is a risk of entrapment, operate the  switch to move the sliding sunroof in the opposite direction.

- ▶ **Convenience closing feature:** press and hold the  button until the side win-

dows and the panorama louvred sliding sunroof are closed.

The indicator lamp in the  button lights up. Air-recirculation mode is activated.

- ▶ **Convenience opening feature:** press and hold the  button until the side windows are opened. The side windows move back to their original positions. The indicator lamp in the  button goes out. Air-recirculation mode is deactivated. The panorama louvred sliding sunroof moves to the ventilation position.

i If you open the side windows or the panorama louvred sliding sunroof manually after closing with the convenience closing feature, they will remain in this position when opened using the convenience opening feature.

Activating/deactivating the residual heat function

The residual heat function is only available with THERMOTRONIC automatic climate control.

It is possible to make use of the residual heat of the engine to continue heating the stationary vehicle for up to 30 minutes after the engine has been switched off. The heating time depends on the temperature that has been set.

- i** The blower will run at a low speed regardless of the airflow setting.
- i** If you activate the residual heat function at high temperatures, only the ventilation will be activated. The blower runs at medium speed.

- ▶ Turn the key to position **0** in the ignition lock or remove it.
- ▶ **To activate:** press the  button. The indicator lamp in the  button lights up.

► **To switch off:** press the **REST** button. The indicator lamp in the **REST** button goes out.

- i** Residual heat is deactivated automatically:
- after about 30 minutes
 - when the ignition is switched on
 - if the battery voltage drops
 - if the coolant temperature is too low

Adjusting the air vents

Important safety notes

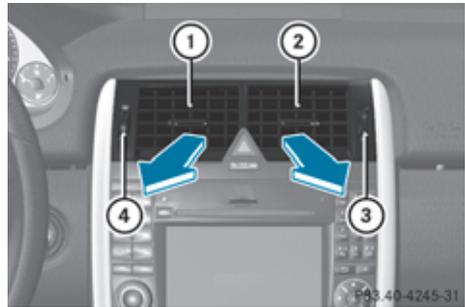
Risk of injury

Very hot or very cold air can flow from the air vents. This could cause burns or frostbite to bare skin in the immediate vicinity of the vents. Keep bare skin away from these air outlets. If necessary, direct the airflow away to a different area of the vehicle interior.

In order to ensure the direct flow of fresh air through the air vents into the vehicle interior, please observe the following notes:

- keep the air inlet grille on the bonnet free of blockages, such as ice, snow or leaves.
 - never cover the vents or ventilation grilles in the vehicle interior.
- i** For virtually draught-free ventilation, adjust the sliders of the air vents to the centre position.

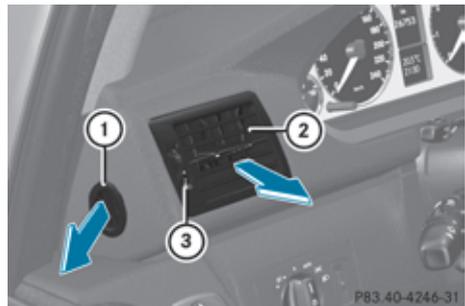
Setting the centre air vents



- ① Centre air vent, left
- ② Centre air vent, right
- ③ Centre vent thumbwheel, right
- ④ Centre vent thumbwheel, left

► **To open/close:** turn thumbwheels ③ and ④ up or down.

Setting the side air vents



► **To open/close:** turn thumbwheel ③ up or down.

- i** Side window demister vent ① is never completely shut, even if side air vent ② is shut.

Setting the air vents in the glove compartment

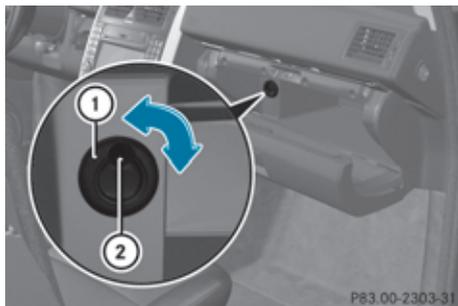
The glove compartment can be ventilated, for instance to cool its contents, when the air-conditioning system/THERMOTRONIC auto-

matic climate control is activated. The level of airflow depends on the airflow and air distribution settings.

! Close the air vent when heating the vehicle.

At high outside temperatures, open the air vent and activate the "cooling with air dehumidification" function. Otherwise, temperature-sensitive items stored in the glove compartment could be damaged.

► **To open/close:** turn thumbwheel ③ to the left or right.

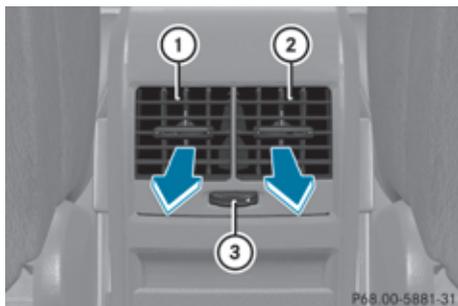


- ① Air vent thumbwheel
- ② Air vent

► **To open/close:** turn thumbwheel ① clockwise or anti-clockwise.

Setting the rear-compartment air vents

Setting the centre vents in the rear compartment



- ① Rear-compartment air vent, left
- ② Rear-compartment air vent, right
- ③ Rear-compartment air vent thumbwheel

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Vehicle equipment

- i** This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Running-in notes

Important safety notes

Risk of accident

New brake pads/linings only have optimal braking performance after several hundred kilometres. Until then, compensate for this by applying greater force to the brake pedal. This also applies when brake pads/linings or brake discs have been changed.

The first 1,500 km

The more you look after the engine when it is new, the more satisfied you will be with its performance in the future.

- Therefore, drive at varying speeds and engine speeds for the first 1,500 km.
- Avoid overstraining the vehicle during this period, e.g. driving at full throttle.
- Change gear in good time, at the latest when the rev counter needle is $\frac{2}{3}$ of the way to the red area in the rev counter display.
- Do not manually shift to a lower gear to brake the vehicle.

Vehicles with AUTOTRONIC:

After 1,500 km, you may gradually bring the vehicle up to full road and engine speeds.

- i** You should also observe these notes on running in if the engine or parts of the drive train on your vehicle have been replaced.

Driving

Important safety notes

Risk of accident

Do not place any objects in the driver's footwell. If you use a floor mat or carpet in the driver's footwell, make sure that it is correctly secured and that there is sufficient clearance for the pedals.

Do not place several floor mats on top of one another.

Loose objects or the floor mats could otherwise get caught between the pedals if you accelerate or brake suddenly. You will then not be able to brake, declutch or accelerate as intended. This could lead to accidents and injury.

Risk of accident

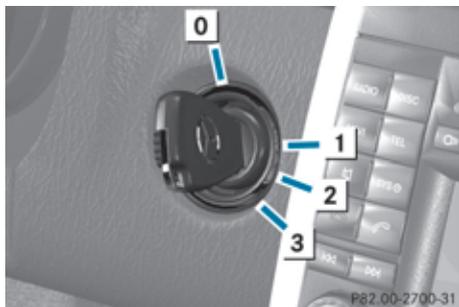
Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid. This could cause you to lose control of your vehicle and cause an accident.

- i** Warm up the engine quickly. Do not use the engine's full performance until it has reached operating temperature.

Only shift AUTOTRONIC to the desired drive position when the vehicle is stationary.

Where possible, avoid spinning the drive wheels when pulling away on slippery roads. You could otherwise damage the drive train.

Key positions



- 0** To remove the key
- 1** Power supply for some consumers, such as the windscreen wipers
- 2** Ignition (power supply for all consumers) and drive position
- 3** To start the engine

- i** The key can be turned in the ignition lock even if it is not the correct key for the vehicle. The ignition is then not switched on. The engine cannot be started.

Starting the engine

Important safety notes

Risk of poisoning

Never leave the engine running in enclosed spaces. The exhaust gases contain carbon monoxide. Inhaling exhaust fumes constitutes a health hazard and could lead to loss of consciousness or even death.

- !** Do not depress the accelerator pedal when starting the engine.

Manual transmission

- ▶ Depress the brake pedal and keep it depressed.
- ▶ Fully depress the clutch pedal.
- ▶ Shift to neutral **N**.
- i** You can only start the engine when the clutch pedal is fully depressed.

AUTOTRONIC

- ▶ Shift the transmission to position **P**.

- i** You can also start the engine when the transmission is in position **N**.

Starting procedure

- ▶ **To start a petrol engine:** turn the key to position **3** in the ignition lock (▷ page 107) and release it as soon as the engine is running.
- ▶ **To start a diesel engine:** turn the key to position **2** in the ignition lock (▷ page 107).
The  preglow indicator lamp in the instrument cluster lights up.
- ▶ When the  preglow indicator lamp goes out, turn the key to position **3** (▷ page 107) and release it as soon as the engine is running.

- i** You can start the engine without preglow if the engine is warm.

- i** **Vehicles with AUTOTRONIC:** you can also use the touch-start function. To do this, turn the key to position **3** (▷ page 107) and release it immediately. The engine then starts automatically.

Pulling away

Manual transmission

- ▶ Depress the brake pedal and keep it depressed.
- ▶ Fully depress the clutch pedal.
- ▶ Shift to either first gear or reverse gear **R**.
- ▶ Release the parking brake (▷ page 124).
- ▶ Release the brake pedal.
- ▶ Slowly release the clutch pedal and gently depress the accelerator pedal.

- !** Change gear in good time and avoid spinning the wheels. Otherwise, you could damage the vehicle.

- i** Follow the shift recommendations in the multifunction display for an economical driving style (▷ page 113).
- i** The vehicle locks centrally once you have pulled away. The locking knobs in the doors drop down.
You can open the doors from the inside at any time.
You can also deactivate the automatic locking feature (▷ page 158).

AUTOTRONIC

- i** It is only possible to move the selector lever from position **P** to the desired position if you depress the brake pedal. Only then is the selector lever lock released.
 - ▶ Depress the brake pedal and keep it depressed.
 - ▶ Shift the transmission to position **D** or **R**.
 - ▶ Release the parking brake (▷ page 124).
 - ▶ Release the brake pedal.
 - ▶ Carefully depress the accelerator pedal.
- i** Upshifts take place at higher engine speeds after a cold start. This helps the catalytic converter to reach its operating temperature more quickly.
- i** The vehicle locks centrally once you have pulled away. The locking knobs in the doors drop down.
You can open the doors from the inside at any time.
You can also deactivate the automatic locking feature (▷ page 158).

Hill start assist

Hill start assist helps you when pulling away forwards or in reverse on an uphill gradient. It holds the vehicle for a short time after you have removed your foot from the brake pedal. This gives you enough time to move your foot from the brake pedal to the accelerator pedal and depress it before the vehicle begins to roll.

Risk of accident

Never leave the vehicle when it is held by hill start assist. After approximately one second, hill start assist will no longer brake your vehicle and it could roll away.

- ▶ Take your foot off the brake pedal.
- i** Once you have taken your foot off the brake pedal, the vehicle is held for around one second.
- ▶ Pull away.

Hill start assist will not function if:

- you are pulling away on a level road or a downhill gradient.
- on vehicles with AUTOTRONIC, the transmission is in position **N**.
- the parking brake is applied.
- ESP[®] is malfunctioning.

ECO start/stop function

General notes

The ECO start/stop function is only available for the B 160 and B 180 models with manual transmission.

The ECO start/stop function automatically switches the engine off as soon as you stop the vehicle. It starts the engine again as soon as you depress the clutch pedal. The ECO start/stop function is activated each time the engine is started using the key.

Automatic engine switch-off

The ECO start/stop function automatically switches the engine off as soon as you stop the vehicle.

The ECO start/stop function is available when the ECO display is shown in the multifunction display.



Example: ECO start/stop display

- ▶ Brake the vehicle until it comes to a standstill.

The gearshift instruction to engage neutral **N** is shown in the multifunction display.



Example: gearshift instruction

- ▶ Shift to neutral **N** and release the clutch pedal.

The engine is switched off automatically.

The following conditions must be fulfilled for the ECO start/stop function to be operational and for the ECO symbol to be shown in the display:

- the indicator lamp in the ECO button is lit up green.
- the engine has reached operating temperature.
- the bonnet is closed.
- the outside temperature is within the suitable range.
- the charge status of the battery is sufficient.

- brake support is stable.
- the driver's door is closed and the driver's seat belt is fastened.

The engine is stopped automatically if:

- the speed is low.
- neutral **N** is engaged.
- the clutch pedal is not depressed.

Automatic engine start

After switching off the engine automatically, the ECO start/stop function starts the engine automatically again when the vehicle is stationary and the clutch is depressed.

- ▶ Fully depress the clutch pedal. The engine starts automatically.
- ▶ Shift to either first or reverse gear and pull away.

! Do not engage a gear without depressing the clutch as this disables the automatic engine start function. As a result, the battery cannot be recharged and the demister function of THERMOTRONIC is not available.

i When manoeuvring, the ECO start/stop function will not automatically switch off the vehicle's engine. The engine will only be switched off when stopping next after the vehicle has reached a speed of at least 15 km/h.

i The automatic engine start feature of the ECO start/stop function starts the engine more smoothly than a normal engine start using the ignition key.

The engine is started automatically by the ECO start/stop function if:

- the speed is above a certain threshold.
- the ECO button is pressed.
- the demister function of THERMOTRONIC luxury automatic climate control is selected.

The engine is also started automatically if the ECO symbol is no longer shown in the multifunction display. This is the case when a condition for switching off the engine automatically is no longer fulfilled, e.g. if:

- the brake support requires the engine to be running.
- the battery's charge status has decreased.
- the driver's seat belt is removed or the driver's door is opened.
- the bonnet is opened.

i The ECO start/stop function is activated each time the engine is switched on.

Deactivating/activating the ECO start/stop function



① To deactivate/activate the ECO start/stop function

② Indicator lamp

► **To deactivate:** press button ①.

Indicator lamp ② and the ECO symbol in the multifunction display go out.

► **To activate:** press button ①.

Indicator lamp ② lights up and the ECO symbol is shown in green in the multifunction display.

If not all conditions are fulfilled, the ECO symbol is shown in yellow in the multifunction display. If this is the case, the ECO start/stop function is not available.

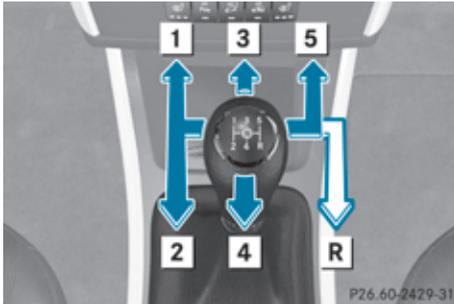
If indicator lamp ② is off, the ECO start/stop function is deactivated. The engine will then not be switched off automatically when the vehicle stops.

Problems with the engine	
Problem	Possible causes/consequences and ► Solutions
The engine does not start. The starter motor can be heard.	<ul style="list-style-type: none"> • There is a malfunction in the engine electronics. • There is a malfunction in the fuel supply. <p>► Turn the key back to position 0 in the ignition lock before attempting to start the engine again.</p> <p>► Try to start the engine again (> page 107). Avoid excessively long and frequent attempts to start the engine, as this will drain the battery.</p> <p>If the engine does not start after several attempts:</p> <p>► Consult a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.</p>
The engine does not start. The starter motor can be heard. The reserve fuel warning lamp is lit and the fuel gauge display shows 0 .	<p>The fuel tank is empty.</p> <p>► Refuel the vehicle.</p>
The engine does not start. You cannot hear the starter motor.	<p>The on-board voltage is too low because the starter battery is too weak or discharged.</p> <p>► Jump-start the vehicle (> page 231).</p> <p>If the engine does not start despite attempts to jump-start it:</p> <p>► Consult a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.</p>
	<p>The starter motor was exposed to a thermal load that was too high.</p> <p>► Allow the starter motor to cool down for approximately two minutes.</p> <p>► Try to start the engine again.</p> <p>If the engine still does not start:</p> <p>► Consult a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.</p>
Vehicles with a petrol engine: The engine is not running smoothly and is misfiring.	<p>There is a malfunction in the engine electronics or a mechanical component of the engine management system.</p> <p>► Only depress the accelerator pedal slightly.</p> <p>► Have the cause rectified immediately at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.</p> <p>Otherwise, non-combusted fuel may get into the catalytic converter and damage it.</p>

Problem	Possible causes/consequences and ► Solutions
<p>The coolant temperature display is showing more than 120 °C. A display message may also appear in the multifunction display and a warning tone may sound.</p>	<p>The coolant level is too low. The coolant is too hot and the engine is no longer being cooled sufficiently.</p> <ul style="list-style-type: none"> ► Stop as soon as possible and allow the engine and the coolant to cool down. ► Check the coolant level (► page 207). Observe the warning notes as you do so and top up the coolant if necessary.
	<p>If the coolant level is correct, the radiator fan may be faulty. The coolant is too hot and the engine is no longer being cooled sufficiently.</p> <ul style="list-style-type: none"> ► At coolant temperatures under 120 °C, drive on to the nearest qualified specialist workshop e.g. to a Mercedes-Benz Service Centre. ► Avoid heavy loads on the engine as you do so, e.g. driving on mountain roads and stop/start driving.

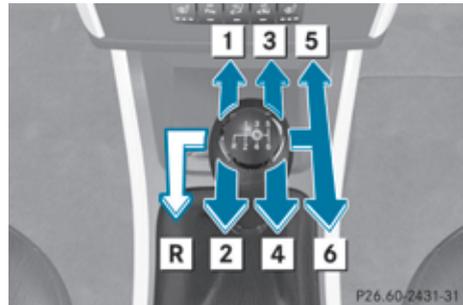
Manual transmission

Five-speed manual transmission



Gear lever

Six-speed manual transmission



Gear lever

! When shifting between **5th** and **6th** gear, you should always push the gear lever all the way to the right. Otherwise, you could shift unintentionally into **3rd** or **4th** gear and damage the transmission.

Do not exceed the maximum speed for the individual gears.

Shifting down at too high a speed (transmission braking) can cause the engine to overrev, leading to engine damage.

! On long and steep downhill gradients, especially if the vehicle is laden or towing a trailer, you must shift into gear **1, 2** or **3**

in good time. This uses the engine's braking effect. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Neutral N with ECO start/stop function activated

In neutral **N**, the engine is switched off when the vehicle speed is below a certain threshold and the clutch pedal is not depressed.

For further information on the ECO start/stop function (▷ page 108).

Engaging reverse gear

! Only shift into reverse gear **R** when the vehicle is stationary. Otherwise, you could damage the transmission.

i The ECO start/stop function is not available when reverse gear is engaged.

For further information on the ECO start/stop function (▷ page 108).

- ▶ **5-speed manual transmission:** move the gear lever to the right and then back.
- ▶ **6-speed manual transmission:** pull the gear lever up, move it to the left and then back.

Shift recommendation

The gearshift recommendations assist you in adopting an economical driving style. The recommended gear is shown in the multifunction display.



- ▶ Shift gear according to the gearshift recommendation ① shown in the multifunction display of the instrument cluster.

AUTOTRONIC

Important safety notes

⚠ Risk of accident

The movement of the pedals must not be impaired in any way. Do not keep any objects in the driver's footwell. Make sure that floor mats or carpets are correctly secured and that there is sufficient clearance for the pedals.

Do not place several floor mats on top of one another.

⚠ Risk of accident

Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid. This could cause you to lose control of your vehicle and cause an accident.

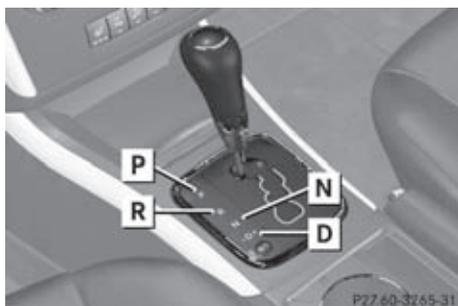
- i** Bear in mind that the power transmission between the engine and the transmission is interrupted when the engine is switched off. Therefore, to prevent the vehicle from rolling away, shift the automatic transmission to position **P** and apply the electric parking brake when the engine is switched off and the vehicle is stationary.

Selector lever

Introduction

AUTOTRONIC is an electronically controlled, continuously variable automatic transmission. The transmission ratio is changed continuously. This enables it to be ideally adapted to your individual driving style and to provide increased driving comfort.

Selector lever



- P Park position with selector lever lock
- R Reverse
- N Neutral
- D Drive

Transmission position and drive program display



- ① Transmission position display
- ② Drive program display (C/S) or (C/S/M)

If you have selected one-touch gearshifting or selector lever position **D**, you can see the currently engaged gear in the multifunction display.

You can influence the AUTOTRONIC transmission ratio when the transmission is in position **D** by changing gear yourself.

Transmission positions

- P** **Park position**
 Prevents the vehicle from rolling away when stopped. Do not shift the transmission into position **P** (> page 123) unless the vehicle is stationary.
 The key can only be removed if the transmission is in position **P**. If the key is removed from the ignition lock, the selector lever is locked.
- R** **Reverse gear**
 Only shift the transmission to **R** when the vehicle is stationary.
- N** **Neutral**
 No power is transmitted from the engine to the drive wheels.
 Releasing the brakes will allow you to move the vehicle freely, e.g. to push it or tow it.
 If ESP® is deactivated or faulty: only shift the transmission to position **N** if the vehicle is in danger of skidding, e.g. on icy roads.
! Rolling in neutral **N** can lead to damage to the transmission.
- D** **Drive**
 The transmission selects the optimum gear ratio automatically for forward mode.

Changing gears

AUTOTRONIC shifts to the individual gears automatically when it is in transmission position **D**. This automatic gearshifting behaviour is determined by:

- the selected drive program
C/S (▷ page 115)
- the position of the accelerator pedal
- the road speed

Driving tips

Accelerator pedal position

Your style of driving influences how AUTOTRONIC shifts gear:

- little throttle: early upshifts
- more throttle: late upshifts

Kickdown

Use kickdown for maximum acceleration.

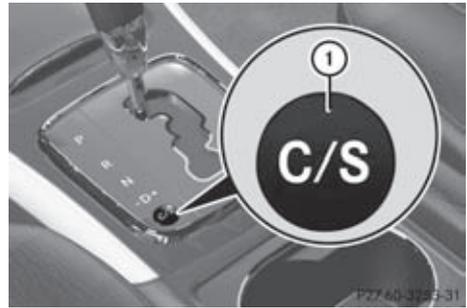
- ▶ Depress the accelerator pedal beyond the pressure point.
The transmission shifts to a lower gear depending on the engine speed.
- ▶ Ease off the accelerator pedal once the desired speed is reached.
The transmission shifts back up.

Trailer towing

- ▶ Drive in the middle of the engine speed range on uphill gradients.
- ▶ Shift down to shift range **3** or **2** depending on the uphill or downhill gradient, even if cruise control or SPEEDTRONIC is activated.

Program selector button

The program selector button allows you to choose between different driving characteristics.

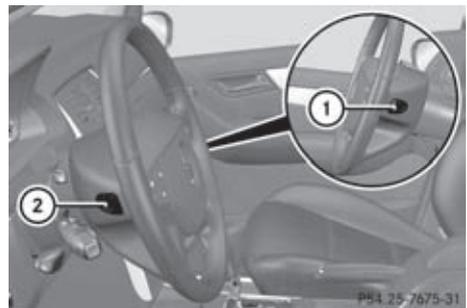


Program selector button

C Comfort	comfortable, economical driving
S Sport	sporty driving style

- ❗ For further information about "Drive program" (▷ page 116).
- ▶ Press program selector button ① repeatedly until the letter for the desired gearshift program appears in the multifunction display.

Steering wheel gearshift buttons



- ① Right-hand steering wheel gearshift button
- ② Left-hand steering wheel gearshift button

It is possible to shift gear using either the steering wheel gearshift buttons or the selector lever.

Automatic drive program

Drive program **C** is characterised by the following:

- comfort-oriented engine settings
- optimal fuel consumption resulting from AUTOTRONIC shifting up sooner
- the vehicle pulling away more gently in forward and reverse gears, unless the accelerator pedal is depressed fully
- increased sensitivity. This improves driving stability on slippery road surfaces, for example.
- AUTOTRONIC shifting up sooner. This results in the vehicle being driven at lower engine speeds and the wheels being less likely to spin.

Drive program **S** is characterised by the following:

- sporty engine settings
- the vehicle pulling away in first gear
- AUTOTRONIC shifting up later
- as a result of the later AUTOTRONIC shift points, the fuel consumption may be higher

Manual operation

Introduction

When the selector lever is in position **D**, you can also change gear yourself.

Activating manual operation

- ▶ Press the selector lever lightly to the left towards **D-** or to the right towards **D+**.

or

- ▶ Press the right-hand or left-hand steering wheel gearshift button.

M is shown in the multifunction display. Manual operation is activated.

Upshifting

- ▶ Briefly press the selector lever to the right towards **D+**.

or

- ▶ Press the right-hand steering wheel gearshift button. The transmission shifts to the next gear up, depending on the gear currently selected.

i If the highest permissible engine speed for the gear currently engaged is reached and you continue to accelerate, AUTOTRONIC shifts up automatically.

Downshifting

- ▶ Briefly press the selector lever to the left towards **D-**.

or

- ▶ Press the left-hand steering wheel gearshift button. The transmission shifts to the next gear down, depending on the gear currently selected.

i To prevent the engine from overrevving, the transmission does not shift down if you push the selector lever towards **D-** while driving at too high a speed.

i AUTOTRONIC shifts down automatically if the engine speed reaches the lower speed range for the gear currently selected.

Selecting the ideal gear

- ▶ Press the selector lever to the left towards **D-** and hold it in position.

or

- ▶ Press and hold the left-hand steering wheel gearshift button.

The transmission shifts to a range which allows ideal acceleration and deceleration. To do this, the transmission shifts down one or more gears.

Deactivating manual operation

- ▶ Press and hold the selector lever towards **D+** until **D** appears again in the multifunction display.

or

- ▶ Press and hold the right-hand steering wheel gearshift button until **D** appears again in the multifunction display. The transmission shifts from the current gear to **D**.

or

- ▶ Briefly press the program selector button next to the selector lever (▷ page 115). The letter for the last selected drive program **C** or **S** is shown again in the multifunction display. The transmission shifts from the current gear to **D**.

- i** If you restart the engine and **M** manual operation is selected, AUTOTRONIC shifts into the automatic drive program **C** or **S**. If automatic drive program **C** or **S** has been selected, the automatic transmission will resume the relevant drive program when you restart the engine.

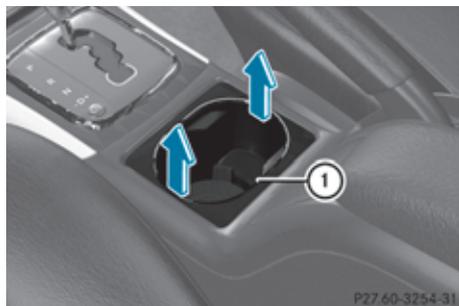
Problems with the transmission

Problem	Possible causes/consequences and ► Solutions
The transmission has problems shifting gear.	The transmission is losing oil. ► Have the transmission checked at a qualified specialist workshop immediately.
The acceleration ability is deteriorating. The one-touch gear-shifting is no longer working. The transmission no longer changes gear.	The transmission is in emergency mode. ► Stop the vehicle. ► Shift the transmission to position P . ► Turn the key to position 0 in the ignition lock. ► Wait at least 10 seconds before restarting the engine. ► Shift the transmission to position D or R . ► Have the transmission checked at a qualified specialist workshop immediately.

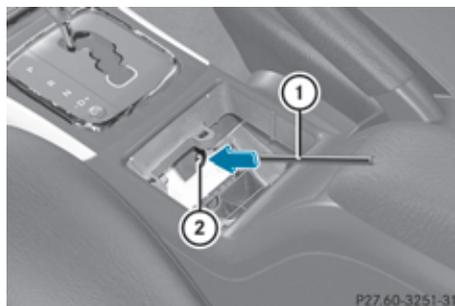
Releasing the parking lock manually

In the event of an electrical fault, it is possible to release the selector lever lock manually to move it out of position **P**, e.g. if you wish to tow the vehicle away.

- Apply the parking brake.



- Remove cup holder ① by pulling it upwards.



⚠ Risk of injury

Release pin ② can become very hot. Therefore only press the release pin with a suitable screwdriver or similar implement; otherwise, you could burn yourself.

- Use suitable implement ① to press release pin ② and simultaneously move the selector lever out of position **P**. The selector lever can now be moved freely until it is returned to position **P**.

Refuelling

Important safety notes

Risk of explosion

Fuel is highly flammable. Fire, naked flames and smoking are therefore prohibited when handling fuels.

Switch off the engine before refuelling.

Risk of injury

Do not come into contact with fuels.

It is hazardous to your health if your skin comes into direct contact with fuels or you breathe in fuel vapours.

Risk of fire

Do not use petrol to refuel vehicles with a diesel engine. Do not mix diesel with petrol. This would result in damage to the fuel system and engine, which could lead to a vehicle fire.

! Do not use petrol to refuel vehicles with a diesel engine. Do not use diesel to refuel vehicles with a petrol engine. Even a small quantity of the wrong fuel will damage the fuel system and engine.

! Do not switch on the ignition if you accidentally refuel with the wrong fuel. Otherwise, the fuel will enter the fuel lines. Notify a qualified specialist workshop and have the fuel tank and fuel lines drained completely.

Petrol (EN 228)

Fuel grade

! Only refuel using unleaded premium-grade petrol with at least 95 RON/85 MON, which conforms to European standard EN 228 or an equivalent specification.

! Do not use the following:

- E85 (petrol with 85 % ethanol)
- E100 (100 % ethanol)

- M15 (petrol with 15 % methanol)
- M85 (petrol with 85 % methanol)
- M100 (100 % methanol)
- diesel

Do not mix these fuels with petrol and do not use any special additives. Otherwise, this can lead to damage to the engine. This does not include additives for the removal and prevention of residue build-up on the inlet valves.

! Use a filter when adding fuel from a fuel can. The fuel lines and/or the diesel injection system could otherwise be blocked by particles from the fuel can.

i If the recommended fuel is not available, but only as a temporary measure, you may also use regular unleaded petrol, 91 RON/82.5 MON. This may reduce engine performance and increase fuel consumption. Avoid driving at full throttle.

In some countries, the fuel grade available may not be adequate and could cause deposits to build up around the inlet valves. In such cases, and in consultation with a Mercedes-Benz Service Centre, the petrol may be mixed with the additive recommended by Mercedes-Benz (part no. A000989254510). You must observe the notes and mixing ratios specified on the container.

For further information on "Fuel", see (> page 252).

Turbo engines

! Only refuel using super-grade unleaded petrol with at least 98 RON/88 MON, which conforms to European standard EN 228 or equivalent.

You can otherwise impair engine output or damage the engine.

i If the recommended fuel is not available and only as a temporary measure, you may also use unleaded premium-grade petrol, 95 RON/85 MON. This may reduce engine

performance and increase fuel consumption. You must avoid driving at full throttle.

Diesel (EN 590, DIN 51628)

Fuel grade

! Only refuel with diesel that conforms to European standard EN 590 or German standard DIN 51628 or equivalent. You can otherwise impair engine output or damage the engine.

! **Vehicles with diesel particle filters:** in countries outside the EU, only use low sulphur Euro diesel with a sulphur content of under 50 ppm. Otherwise, the emission control system could be damaged.

! **Vehicles without a diesel particle filter:** the oil should be changed more frequently in countries in which diesel with a higher sulphur content is available. More information about intervals for changing the oil can be obtained from any Mercedes-Benz Service Centre.

! Using fuel that does not conform to European standard EN 590 or German standard DIN 51628 can lead to increased wear, engine damage and damage to the exhaust system.

Do not use the following:

- marine diesel
- heating oil
- bio-diesel
- vegetable oil
- petrol
- paraffin
- kerosene

Do not mix these fuels with diesel fuels and do not use any special additives. Otherwise, this can lead to damage to the engine. This excludes flow improver, see "Low outside temperatures".

! Use a filter when adding fuel from a fuel can. Otherwise, the fuel lines and/or the

diesel injection system could be blocked by particles from the fuel can.

For further information on "Fuel", see (> page 252).

Low outside temperatures

Diesel fuel with improved cold flow qualities is available during the winter months. In Europe, various climate-dependent low-temperature classes are defined in EN 590. Refuelling with diesel fuel which complies with the climatic specifications of standard EN 590 can help to prevent operating problems. At exceptionally low temperatures, it is possible that the flow properties of the fuel may be inadequate. This also applies to fuel that has not been adapted to suit the climatic conditions, e.g. diesel fuel from warmer regions.

i Further information about country-specific fuel properties can be obtained from oil companies, e.g. at filling stations.

Flow improver

Flow improvers can be added to improve the cold resistance of diesel fuel. The effectiveness of a flow improver is not guaranteed with every fuel.

Correct dosage and thorough mixing are decisive factors in ensuring improvement in low-temperature resistance. Under certain circumstances, an excessive dosage may actually decrease low-temperature resistance and should therefore be avoided. Follow the manufacturer's dosing instructions.

Mix the additive with the diesel in good time, before the flow properties of the diesel become inadequate. Malfunctions can otherwise only be rectified by heating the entire fuel system, e.g. by parking the vehicle in a heated garage.

Observe the information provided by the manufacturer when using a flow improver. Only use flow improvers that have been tested and approved by Mercedes-Benz. You can obtain

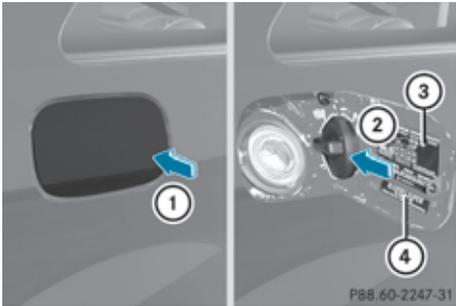
further information from any Mercedes-Benz Service Centre.

Refuelling

Fuel filler flap

The fuel filler flap is unlocked or locked automatically when you open or close the vehicle with the key.

The position of the fuel filler cap is displayed in the instrument cluster . The arrow next to the filling pump indicates the side of the vehicle.



- ① To open the fuel filler flap
- ② To insert the fuel filler cap
- ③ Tyre pressure table
- ④ Fuel type

Opening

- ▶ Switch off the engine.
 - ▶ Remove the key from the ignition lock.
 - ▶ Turn the fuel filler cap anti-clockwise and remove it.
 - ▶ Insert the fuel filler cap into the holder bracket on the inside of filler flap ②.
 - ▶ Completely insert the pump nozzle into the filler neck and refuel.
 - ▶ Only fill the tank until the pump nozzle switches off.
- !** Overfilling the fuel tank could damage the fuel system.

Closing

- ▶ Replace the fuel filler cap and turn it clockwise. The fuel filler cap audibly engages.
 - ▶ Close the fuel filler flap.
- i** Close the fuel filler flap before locking the vehicle. A locking pin otherwise prevents the fuel filler flap from closing after the vehicle has been locked.

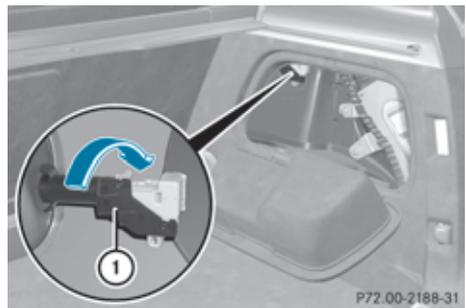
Fuel filler flap emergency release

Risk of injury

The edges on the inside of the vehicle body can be sharp. You could injure yourself when using the fuel filler flap emergency release. Avoid contact with the edges on the inside of the vehicle body.

The emergency release is located in the luggage compartment behind the side trim on the right-hand side, when viewed in the direction of travel.

- ▶ Open the tailgate.
- ▶ Open the cover on the right-hand side of the luggage compartment (▷ page 87).



- ▶ Reach behind the side trim panel to locate emergency release ①. Turn emergency release ① clockwise by 60° and pull it back. The fuel filler flap is unlocked.
- ▶ Open the fuel filler flap.

Problems with the fuel and fuel tank

Problem	Possible causes/consequences and ► Solutions
Fuel is leaking from the vehicle.	<p> Risk of explosion or fire</p> <p>The fuel line or the fuel tank is defective.</p> <ul style="list-style-type: none"> ► Turn the key to position 0 (► page 107) in the ignition lock immediately and remove it. ► Do not restart the engine under any circumstances. ► Consult a qualified specialist workshop.
The engine will not start.	<p>The fuel tank of a vehicle with a diesel engine has been run completely dry.</p> <ul style="list-style-type: none"> ► Refuel the vehicle with at least 5 litres of diesel. ► Turn the ignition on for at least 10 seconds (► page 107). ► Start the engine continuously for up to 10 seconds until it runs smoothly. <p>or</p> <ul style="list-style-type: none"> ► Start the engine via the touch-start function. To do this, turn the key to position 3 (► page 107) in the ignition lock and then release it immediately. <p>If the engine does not start:</p> <ul style="list-style-type: none"> ► Turn the ignition on again for approximately 10 seconds (► page 107). ► Start the engine again continuously for up to 10 seconds until it runs smoothly. <p>or</p> <ul style="list-style-type: none"> ► Start the engine again via the touch-start function. <p>If the engine does not start after three attempts:</p> <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.

Problem	Possible causes/consequences and ► Solutions
The fuel filler flap cannot be opened.	<p>The fuel filler flap is not unlocked. or The key battery is discharged.</p> <ul style="list-style-type: none"> ► Unlock the vehicle using the emergency key element (▷ page 57). ► Open the tailgate. ► Manually unlock the fuel filler flap using the emergency release (▷ page 121).
	<p>The fuel filler flap is unlocked, but the opening mechanism is jammed.</p> <ul style="list-style-type: none"> ► Manually unlock the fuel filler flap using the emergency release (▷ page 121). ► Consult a qualified specialist workshop.

Parking

Important safety notes

Risk of accident

Only remove the key from the ignition lock when the vehicle is stationary, as you cannot steer the vehicle when the key is removed.

Never leave children unsupervised in the vehicle. They could release the parking brake. This could lead to a serious or fatal accident.

Risk of fire

Under no circumstances should the exhaust system come into contact with flammable materials such as dry grass or petrol, for example. Do not park the vehicle on dry grassland or harvested grain fields. The hot exhaust system could otherwise ignite the flammable material and set the vehicle on fire.

To ensure that the vehicle is secured against rolling away unintentionally:

- the parking brake must be applied.
- on vehicles with manual transmission, engage first gear or reverse gear.

- on vehicles with AUTOTRONIC, the transmission must be in position **P** and the key must be removed from the ignition lock.
- on steep uphill or downhill gradients, turn the front wheels towards the kerb.

Switching off the engine

Important safety notes

Risk of accident

If the engine is not running, there is no power assistance for the steering and brakes. Steering and braking then requires significantly greater effort.

As a result, you might lose control of the vehicle, cause an accident and injure yourself and others.

Therefore, do not switch off the engine while you are driving.

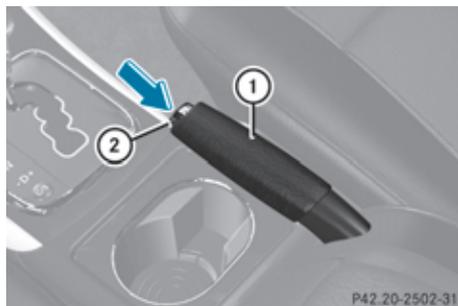
Vehicles with manual transmission

- ▶ Shift to either first gear or reverse gear **R**.
- ▶ Turn the key to position **0** in the ignition lock and remove it.
The immobiliser is activated.
- ▶ Apply the parking brake firmly.

Vehicles with AUTOTRONIC

- ▶ Shift the transmission to position **P**.
 - ▶ Turn the key to position **0** in the ignition lock and remove it.
The immobiliser is activated.
 - ▶ Apply the parking brake firmly.
- i** The key can only be removed if the transmission is in position **P**.

Parking brake



- ▶ **To apply:** pull parking brake ① up firmly.
The **(P)** indicator lamp in the instrument cluster lights up if the engine is running.
- ▶ **To release:** depress the brake pedal and keep it depressed.
On vehicles with AUTOTRONIC, the selector lever lock is released.
- ▶ Press release button ② on parking brake ① and move the parking brake down to the stop.
The **(P)** indicator lamp in the instrument cluster goes out.

Parking up the vehicle

If you leave the vehicle parked up for longer than four weeks, the battery may be damaged by exhaustive discharge.

- ▶ Disconnect the battery (▷ page 229) or connect it to a trickle charger.
- i** You can obtain information about trickle chargers from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

If you leave the vehicle parked up for longer than six weeks, the vehicle may suffer damage as a result of lack of use.

- ▶ Visit a qualified specialist workshop and seek advice.

Driving tips

General driving tips

Rolling with the engine switched off

⚠ Risk of accident

Never switch the engine off while the vehicle is in motion.

There is no power assistance for the steering and the service brake when the engine is not running.

You will require considerably more effort to steer and brake, and you could therefore lose control of the vehicle and cause an accident.

Engine oil

⚠ Vehicles with a diesel particle filter:

If the vehicle is mostly driven for short distances, it is possible that malfunctions may occur during the automatic cleaning of the diesel particle filter. This can lead to engine damage. Therefore, if you frequently drive short distances, make sure to drive on motorways or country roads for 20 minutes at least every 500 km.

Brakes

Important safety notes

Risk of accident

Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid.

Risk of accident

Make sure that other road users are not endangered by your braking.

Downhill gradients

On long and steep downhill stretches, especially if the vehicle is laden or towing a trailer, you must shift to a lower gear in good time or, on vehicles with AUTOTRONIC, select shift range **1**, **2** or **3**.

 This also applies if you have activated cruise control or SPEEDTRONIC.

This will use the braking effect of the engine, so less braking will be required to maintain the speed. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly. If you need additional braking, depress the brake pedal repeatedly rather than continuously.

Heavy and light loads

Risk of accident

Never depress the brake pedal continuously while the vehicle is in motion, e.g. never cause the brakes to rub by applying constant slight pedal pressure. This causes the brake system to overheat, increases the braking distance and can lead to the brakes failing completely.

If the brakes have been subjected to a heavy load, do not stop the vehicle immediately, but drive on for a short while. This allows the air-flow to cool the brakes more quickly.

If the brakes have been used only moderately, you should occasionally test their effective-

ness. To do this, brake more firmly from a higher speed. This improves the grip of the brakes.

Wet road surface

If driving in heavy rain for a prolonged period of time without braking, there may be a delayed reaction from the brakes when braking for the first time. This may also occur after the vehicle has been washed.

You have to depress the brake pedal more firmly. Maintain a greater distance from the vehicle in front.

After driving on a wet road or having the vehicle washed, brake firmly while paying attention to the traffic conditions. This will warm up the brake discs, thereby drying them more quickly and protecting them against corrosion.

Limited braking performance on salt treated roads

Risk of accident

The layer of salt on the brake discs and the brake pads/linings may cause a delay in the braking effect, resulting in a significantly longer braking distance, which could lead to an accident.

To avoid this danger, you should:

- occasionally brake carefully, without putting other road users at risk, when you are driving on salted roads. This helps to remove any salt that may have started to build up on the brake discs and the brake pads/linings.
- maintain a greater distance to the vehicle ahead and drive with particular care.
- carefully apply the brakes at the end of a trip and immediately after commencing a new trip, so that salt residues are removed from the brake discs.

New brake pads/linings

Risk of accident

New brake pads/linings only reach their optimum braking effect after several hundred kilometres of driving. Before this optimum braking effect is reached, you should compensate for the reduced braking effect by applying greater pressure when braking. This also applies after the brake discs or the brake pads/linings have been replaced.

For safety reasons, Mercedes-Benz recommends that you only have brake pads/linings fitted to your vehicle which have been approved for Mercedes-Benz vehicles or which correspond to an equivalent quality standard. Brake pads/linings which have not been approved for Mercedes-Benz vehicles or which are not of an equivalent quality could affect your vehicle's operating safety.

Tyre traction

Risk of accident

Whereas the vehicle can be fully controlled at a certain speed on dry roads, you must reduce your speed on wet or icy roads to achieve the same road safety. You could otherwise cause an accident.

Pay particular attention to the road conditions at temperatures around freezing point.

If ice has formed on the road surface (e.g. from fog), a thin film of water rapidly forms on the ice when you brake, considerably reducing tyre traction. Drive with particular care in such weather conditions.

Driving on wet roads

Aquaplaning

If water has accumulated to a certain depth on the road surface, there is a danger of aquaplaning occurring, even if:

- you drive at low speeds
- the tyres have adequate tread depth

For this reason, do not drive in tyre ruts, and brake carefully.

Driving on flooded roads

If you have to drive on stretches of road on which water has collected, please bear in mind that:

- the maximum permitted still water depth is 25 cm.
- you should drive no faster than at walking pace.

! Bear in mind that vehicles travelling in front or in the opposite direction create waves. This may cause the maximum permissible water depth to be exceeded.

These notes must be observed under all circumstances. You could otherwise damage the engine, the electronics or the transmission.

Winter driving

Important safety notes

Have your vehicle winterproofed at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre, at the onset of winter.

Observe the notes in the "Changing a wheel" section (> page 242).

Winter tyres

Use winter tyres at temperatures below +7 °C and on snow or ice-covered roads. Only winter tyres bearing the  snowflake symbol next to the M+S marking provide the best possible grip in wintry road conditions. Only

these tyres will allow the ABS and ESP® driving systems to function optimally in winter, as these tyres have been designed specifically for driving on snow.

Use winter tyres of the same make and tread on all wheels to maintain safe handling characteristics.

Risk of accident

Winter tyres with a tread depth of less than 4 mm must be replaced immediately. They are no longer suitable for winter use and can no longer provide sufficient grip. This could cause you to lose control of your vehicle and cause an accident.

Always observe the maximum permissible speed specified for the winter tyres you have fitted. If you fit winter tyres which have a lower maximum permissible speed than that of the vehicle, affix an appropriate warning sign in the driver's field of vision. This can be obtained at a qualified specialist workshop, e.g. from a Mercedes-Benz Service Centre.

Under these circumstances, you should also restrict the maximum speed of the vehicle using permanent SPEED-TRONIC²³ (> page 132) so that it does not exceed the maximum permissible speed for the winter tyres.

Risk of accident

If you fit the spare wheel when driving with winter tyres, bear in mind that driving stability will be impaired due to unstable cornering characteristics caused by the different tyres. You should therefore adapt your driving style and drive carefully.

Have the spare wheel replaced at the nearest qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related

systems must be carried out at a qualified specialist workshop.

Snow chains

For safety reasons, Mercedes-Benz recommends that you only use snow chains which have been specially approved for your vehicle by Mercedes-Benz, or are of a corresponding standard of quality.

If you intend to fit snow chains, please bear the following points in mind:

- you may not attach snow chains to all wheel-tyre combinations; see the "Tyres and wheels" section in the "Technical data" chapter.
- snow chains must not be fitted to emergency spare wheels, e.g. a "Minispare" emergency spare wheel.
- Fit snow chains only in pairs and only to the front wheels. Observe the manufacturer's installation instructions.

Vehicles with 17" tyres

You may only fit snow chains as a pulling-away aid. Only use fine-link snow chains. When snow chains are fitted, you may only drive straight ahead. The snow chains could otherwise come into contact with the bodywork when you turn the front wheels.

If snow chains are fitted, you cannot use Active Parking Assist (> page 136).

Do not exceed the maximum permissible speed of 50 km/h.

Slippery road surfaces

Risk of accident

Do not shift down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid.

²³ Only available for certain countries.

You should drive particularly carefully on slippery road surfaces. Avoid sudden acceleration, steering and braking manoeuvres.

If the vehicle threatens to skid or cannot be stopped when moving at low speed:

- ▶ Vehicles with manual transmission: engage neutral.
- ▶ Vehicles with AUTOTRONIC: shift the transmission to position **N**.
- ▶ Try to bring the vehicle under control using corrective steering.

i For more information on driving with snow chains, see (▶ page 127).

Driving abroad

General notes

An extensive Mercedes-Benz Service network is also available in other countries. The Service Hotline's current telephone numbers for use when you are abroad are to be found in the "Service24h" section of the Service Booklet.

Only low-octane fuel is available in certain countries.

You can find further information about fuel grades on (▶ page 119).

Symmetrical dipped-beam headlamps

If your journey takes you to countries where vehicles are driven on the opposite side of the road to the country in which the vehicle is registered, your headlamps must be switched to symmetrical dipped beam. This prevents oncoming traffic from being dazzled.

Have the headlamps converted as close as possible to the border before driving in these countries. When using symmetrical lights, the edge of the carriageway is not lit as widely and as far ahead as normal.

- ▶ Have the headlamps switched over at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

When you are driving back on the same side of the road as the country where the vehicle is registered, have the headlamps changed back to asymmetrical dipped beam as soon as possible after crossing the border.

Driving systems

Cruise control

Important safety notes

Cruise control maintains a constant road speed for you. You must select a low gear in good time on long and steep downhill gradients, especially if the vehicle is laden or towing a trailer. By doing so, you will make use of the braking effect of the engine, which relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Risk of accident

Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid.

Use cruise control only if road and traffic conditions make it appropriate to maintain a steady speed for a prolonged period. You can store any road speed above 30 km/h.

Risk of accident

Cruise control cannot take account of road and traffic conditions.

Always pay attention to traffic conditions even when cruise control is activated.

Cruise control is only an aid designed to assist driving. You are responsible for the vehicle's speed and for braking in good time.

Risk of accident

Do not use cruise control:

- in road and traffic conditions which do not allow you to maintain a constant speed (e.g.

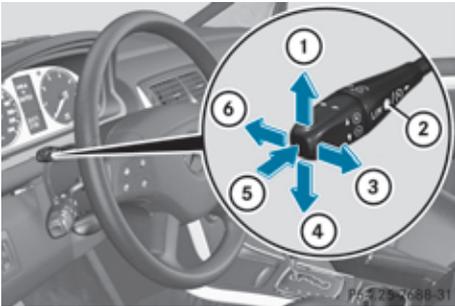
heavy traffic or winding roads). You could otherwise cause an accident.

- on slippery roads. Braking or accelerating could cause the drive wheels to lose traction and the vehicle could then skid.
- when there is poor visibility, e.g. due to fog, heavy rain or snow

Cruise control lever

You can operate cruise control and variable SPEEDTRONIC with the cruise control lever. The LIM indicator lamp on the cruise control lever indicates which system you have selected:

- **LIM indicator lamp off:** cruise control is selected.
- **LIM indicator lamp on:** variable SPEEDTRONIC is selected.



- ① To store the current speed or a higher speed
- ② LIM indicator lamp
- ③ To call up the last speed stored
- ④ To store the current speed or a lower speed
- ⑤ To switch between cruise control and variable SPEEDTRONIC
- ⑥ To deactivate cruise control

Selecting cruise control

- ▶ Check whether LIM indicator lamp ② is off. If it is off, cruise control is already selected.

If it is not, press the cruise control lever in the direction of arrow ⑤.

LIM indicator lamp ② in the cruise control lever goes out. Cruise control is selected.

Storing and maintaining the current speed

You can store the current speed if you are driving faster than 30 km/h.

- ▶ Accelerate the vehicle to the desired speed.
- ▶ Briefly press the cruise control lever up ① or down ④.
- ▶ Remove your foot from the accelerator pedal. Cruise control is activated. The vehicle automatically maintains the stored speed.

i Cruise control may be unable to maintain the stored speed on uphill and downhill gradients. The stored speed is resumed when the gradient levels out.

- i** Vehicles with manual transmission: When selecting another gear, press the accelerator pedal slightly to increase the smoothness of the gear change. When you depress the clutch pedal and change to another gear, the engine speed can increase slightly as long as no gear is selected.
 - Always drive at adequate, but not excessive, engine speeds.
 - Change gear in good time.
 - If possible, do not change down several gears at a time.

Calling up the last speed stored

Risk of accident

Only call up a stored speed if you know what that speed is and if it is suitable for the current traffic and driving situation. You can otherwise endanger yourself or others by unintentionally triggering sudden acceleration or braking.

- ▶ Briefly pull the cruise control lever towards you ③.
- ▶ Remove your foot from the accelerator pedal.
Cruise control is activated and adjusts the vehicle's speed to the last speed stored.

Setting a speed

- ▶ Press the cruise control lever up ① for a higher speed or down ④ for a lower speed.
- ▶ Keep the cruise control lever pressed until the desired speed is reached.
- ▶ Release the cruise control lever.
The new speed is stored.

i Cruise control is not deactivated if you depress the accelerator pedal. For example, if you accelerate briefly to overtake, cruise control adjusts the vehicle's speed to the last speed stored after you have finished overtaking.

i Vehicles with AUTOTRONIC:
When you decelerate the vehicle using the cruise control lever, AUTOTRONIC shifts down if deceleration is insufficient.

Making adjustments in 1 km/h increments

- ▶ Briefly press the cruise control lever up ① for a higher speed or down ④ for a lower speed.
The last speed stored is increased or reduced.

Deactivating cruise control

There are several ways to deactivate cruise control:

- ▶ Briefly press the cruise control lever forwards ⑥.

or

- ▶ Brake.

or

- ▶ Briefly press the cruise control lever in the direction of arrow ⑤.
Variable SPEEDTRONIC is selected. LIM indicator lamp ② in the cruise control lever lights up.

Cruise control is automatically deactivated if:

- aquaplaning is detected, for example.
- you depress the clutch pedal for more than four seconds on vehicles with a manual transmission.
- on vehicles with AUTOTRONIC, you shift into position **N** while driving.

i The last speed stored is cleared when you switch off the engine.

SPEEDTRONIC

Important safety notes

SPEEDTRONIC ensures that you do not exceed a stored speed. You must select a low gear in good time on long and steep downhill gradients, especially if the vehicle is laden or towing a trailer. By doing so, you will make use of the braking effect of the engine, which relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Risk of accident

Never depress the brake pedal continuously while the vehicle is in motion, e.g. never cause the brakes to rub by applying constant slight pedal pressure. This causes the brake system to overheat, increases the braking distance and can lead to the brakes failing completely.

Risk of accident

Do not change down for additional engine braking on a slippery road surface. This could cause the drive wheels to lose their grip and the vehicle could skid.

You can set a variable or permanent limit speed:

- **variable** for speed limits, e.g. in built-up areas
- **permanent** for long-term speed restrictions, e.g. when driving with winter tyres fitted (> page 132)

Risk of accident

Speedtronic is only an aid designed to assist driving. You are responsible for the vehicle's speed and for braking in good time.

- i** The speed indicated in the speedometer may differ slightly from the limit speed stored.

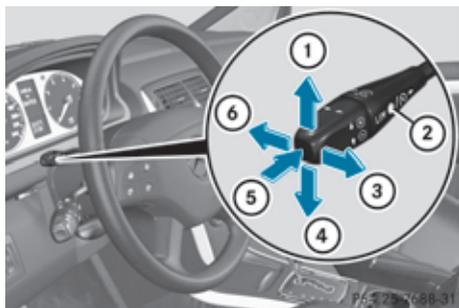
Variable SPEEDTRONIC

General notes

You can operate cruise control and variable SPEEDTRONIC with the cruise control lever. The LIM indicator lamp on the cruise control lever indicates which system you have selected:

- **LIM indicator lamp off:** cruise control is selected.
- **LIM indicator lamp on:** variable SPEEDTRONIC is selected.

You can use the cruise control lever to limit the speed to any speed above 30 km/h while the engine is running.



- ① To store the current or higher speed, rounded up to the nearest ten
- ② LIM indicator lamp

- ③ To resume the last stored speed or to make fine adjustments in 1 km/h increments
- ④ To store the current or lower speed, rounded down to the nearest ten
- ⑤ To switch between cruise control and variable SPEEDTRONIC
- ⑥ To deactivate variable SPEEDTRONIC

Selecting variable SPEEDTRONIC

- ▶ Check whether LIM indicator lamp ② is on. If it is on, variable SPEEDTRONIC is already selected. If it is not, press the cruise control lever in the direction of arrow ⑤. LIM indicator lamp ② in the cruise control lever lights up. Variable SPEEDTRONIC is selected.

Risk of accident

If there is a change of drivers, advise the new driver of the limit speed stored.

Only use variable SPEEDTRONIC if you will not have to accelerate suddenly to a speed above that stored as the limit speed. You could otherwise cause an accident.

You can only exceed the limit speed stored if you deactivate variable SPEEDTRONIC:

- using the cruise control lever
- by depressing the accelerator pedal beyond the pressure point (kickdown)

It is not possible to deactivate variable SPEEDTRONIC by braking.

Storing the current speed

You can use the cruise control lever to limit the speed to any speed above 30 km/h while the engine is running.

- ▶ Briefly press the cruise control lever up ① or down ④. The current speed is stored. SPEEDTRONIC rounds up or down to the nearest ten. You will see the **Limit** message and the stored speed in the upper multifunction display for approximately five seconds. The yellow LIM

indicator lamp lights up in the instrument cluster.

- i** On downhill gradients, the speed can be exceeded despite SPEEDTRONIC. In this case, you will hear a warning tone and the **Limit exceeded** message will appear in the multifunction display. If necessary, apply the brakes yourself.

Calling up the last speed stored

Risk of accident

Only select a stored speed if you know what that speed is and whether it is suitable for the current driving and traffic situation. Otherwise, sudden braking could endanger you or others.

- Briefly pull the cruise control lever towards you **③**.

Making adjustments in 10 km/h increments

- Briefly press the cruise control lever up **①** for a higher speed or down **④** for a lower speed.

or

- Keep the cruise control lever pressed until the desired speed is set. Press the cruise control lever up **①** for a higher speed or down **④** for a lower speed.

Making adjustments in 1 km/h increments

- **For a higher speed:** briefly pull the cruise control lever towards you **③**.

or

- Keep the cruise control lever pulled towards you **③** until the desired speed is set.

Deactivating variable SPEEDTRONIC

There are several ways to deactivate variable SPEEDTRONIC:

- Briefly press the cruise control lever forwards **⑥**.

or

- Briefly press the cruise control lever in the direction of arrow **⑤**.

LIM indicator lamp **②** in the cruise control lever goes out. Variable SPEEDTRONIC is deactivated.

Cruise control is selected.

Variable SPEEDTRONIC is deactivated automatically when you depress the accelerator pedal beyond the pressure point (kickdown), but only if your current speed does not differ by more than 20 km/h from the stored speed.

Risk of accident

It is not possible to deactivate variable Speedtronic by braking.

- i** The last speed stored is cleared when you switch off the engine.

Permanent SPEEDTRONIC

You can use the on-board computer to limit the speed permanently to a value between 160 km/h (e.g. for driving on winter tyres) and the maximum speed (> page 158).

Shortly before the stored speed is reached, it appears in the multifunction display.

Permanent SPEEDTRONIC remains active, even if variable SPEEDTRONIC is deactivated.

You cannot exceed the stored limit speed, even if you depress the accelerator pedal beyond the pressure point (kickdown).

PARKTRONIC

Important safety notes

Risk of accident

PARKTRONIC is only an aid and may not detect all obstacles. This system does not relieve you of the need to pay attention.

You are always responsible for safety and must continue to pay attention to your immediate surroundings when parking and

manoeuvring. You could otherwise endanger yourself and others.

Risk of injury

Make sure that no persons or animals are in the manoeuvring range. Otherwise, they could be injured.

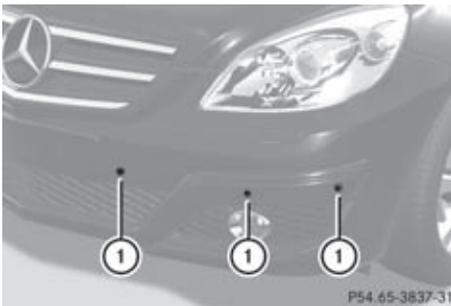
PARKTRONIC is an electronic parking aid with ultrasonic sensors. It indicates visually and audibly the distance between your vehicle and an object.

PARKTRONIC is activated automatically when you:

- switch on the ignition
- release the parking brake

PARKTRONIC is deactivated at speeds above 18 km/h. It is reactivated at lower speeds.

PARKTRONIC monitors the area around your vehicle using six sensors in the front bumper and four sensors in the rear bumper.



- ① Sensors in the front bumper, left-hand side (example)

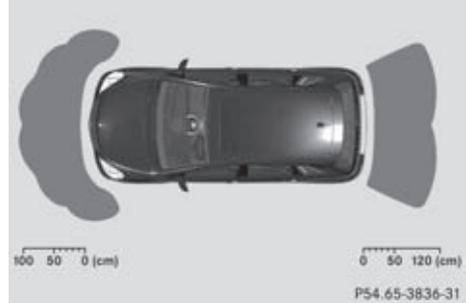
Range of the sensors

General notes

The sensors must be free of dirt, ice and slush; otherwise they may not function correctly. Clean the sensors regularly, taking care not to scratch or damage them (▷ page 212).



Side view



Top view

Front sensors

Centre	approximately 100 cm
Corners	approximately 60 cm

Rear sensors

Centre	approximately 120 cm
Corners	approximately 80 cm

! When parking, pay particular attention to objects above or below the sensors, such as flower pots or trailer drawbars. PARKTRONIC does not detect such objects when they are in the immediate vicinity of the vehicle. You could damage the vehicle or the objects.

The sensors may not detect snow and objects which absorb ultrasonic sources. Ultrasonic sources, such as an automatic car wash, a lorry's compressed-air brakes or a pneumatic drill, could cause PARKTRONIC to malfunction.

PARKTRONIC may not function correctly on uneven terrain.

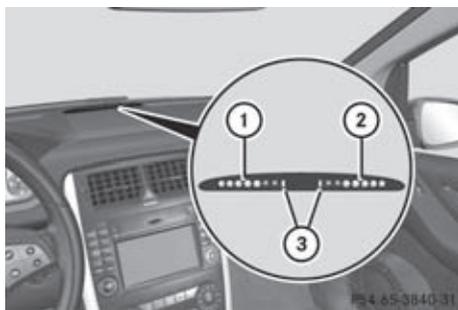
Minimum distance

Centre	approximately 20 cm
Corners	approximately 20 cm

If there is an obstacle within this range, the relevant warning displays light up and a warning tone sounds. If the distance falls below the minimum, the distance may no longer be shown.

Warning displays

The warning displays show the distance between the sensors and the obstacle. The warning display for the front area is located on the dashboard above the centre air vents. The warning display for the rear area is located on the roof lining in the rear compartment.



Warning display for the front area

- ① Segments on the left-hand side of the vehicle
- ② Segments on the right-hand side of the vehicle
- ③ Segments showing operational readiness

The warning display for each side of the vehicle is divided into five yellow and two red segments. PARKTRONIC is operational if yellow segments showing operational readiness ③ light up.

The gear lever position or, in the case of AUTOTRONIC, the transmission position determines which warning display is active when the engine is running.

Manual transmission:

Gear lever position	Warning display
Forwards gear or Neutral	Front area activated
Reverse gear	Rear and front areas activated

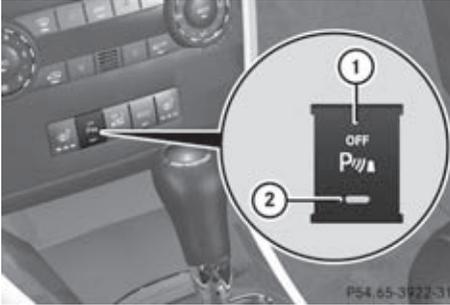
AUTOTRONIC:

Transmission position	Warning display
D	Front area activated
R or N	Rear and front areas activated
P	No areas activated

One or more segments light up as the vehicle approaches an obstacle, depending on the vehicle's distance from the obstacle.

- **front area:** following the sixth segment, you will hear an intermittent warning tone; after the seventh segment, you will hear a continuous warning tone for a maximum of two seconds. This indicates that you have now reached the minimum distance.
- **rear area:** from the sixth segment onwards, you will hear an intermittent warning tone. At the seventh segment, you will hear a continuous warning tone for a maximum of two seconds. This indicates that you have now reached the minimum distance. The continuous warning is muted immediately if you deselect reverse gear on vehicles with manual transmission or if you shift into **D** or **P** on vehicles with AUTOTRONIC.

Deactivating/activating PARKTRONIC



- ① To deactivate/activate PARKTRONIC
- ② Indicator lamp

If indicator lamp ② lights up, PARKTRONIC is deactivated.

- i** PARKTRONIC is automatically activated when you turn the key to position **2** in the ignition lock.

Trailer towing

PARKTRONIC is deactivated for the rear area when you establish an electrical connection between your vehicle and a trailer.

- !** Remove the detachable ball coupling if the trailer tow hitch is not required. PARKTRONIC measures the minimum detection range to an obstacle from the bumper, not the ball coupling.

Problems with PARKTRONIC

Problem	Possible causes/consequences and ► Solutions
<p>Only the red segments in the PARKTRONIC warning displays are lit. You also hear a warning tone for approximately two seconds.</p> <p>PARKTRONIC is deactivated after approximately 20 seconds, and the indicator lamp in the PARKTRONIC button lights up.</p>	<p>PARKTRONIC has malfunctioned and has switched off.</p> <p>► If problems persist, have PARKTRONIC checked at a qualified specialist workshop.</p>
<p>Only the red segments in the PARKTRONIC warning displays are lit. PARKTRONIC is deactivated after approximately 20 seconds.</p>	<p>The PARKTRONIC sensors are dirty or there is interference.</p> <p>► Clean the PARKTRONIC sensors (► page 212).</p> <p>► Switch the ignition back on.</p>
	<p>The problem may be caused by an external source of radio or ultrasound waves.</p> <p>► See if PARKTRONIC functions in a different location.</p>

Active Parking Assist

Important safety notes

Active Parking Assist is an electronic parking aid with ultrasound. Ultrasound is used to measure the road on both sides of the vehicle. A suitable parking space is indicated by the parking symbol. Active steering intervention can assist you during parking. You may also use PARKTRONIC (► page 132). When PARKTRONIC is switched off, Active Parking Assist is also unavailable.

Risk of accident

Active Parking Assist is merely an aid and may sometimes recommend parking spaces that are not suitable for parking. For example, these might be spaces where parking is prohibited, driveways, unsuitable surfaces, etc. Active Parking Assist measures the parking space as you drive past it. Any later changes

to the parking space are not taken into account. For instance, this may be the case when the vehicle parked in front of or behind the space changes its position or when an obstacle is moved into the parking space.

Active Parking Assist does not relieve you of the responsibility of paying attention. If you rely solely on Active Parking Assist, you could cause an accident and injure yourself and others.

You are always responsible for safety and must continue to pay attention to your immediate surroundings when parking and manoeuvring.

Risk of accident

Objects located above the height range of Active Parking Assist will not be detected when the parking space is measured. These are not taken into account when the parking

procedure is calculated, e. g. overhanging loads, tail sections or loading ramps of goods vehicles. In some circumstances, Active Parking Assist may therefore guide you into the parking space too early. This may lead to a collision. For this reason, you should avoid using Active Parking Assist in such situations.

Risk of accident

The front of the vehicle will veer out in the direction of the oncoming traffic during the parking operation. In some cases the vehicle will also take you onto sections of the oncoming lane during the parking procedure.

You are responsible for safety at all times and must pay attention to any road users approaching or passing. Stop the vehicle if necessary or cancel the Active Parking Assist parking procedure.

Risk of injury

Make sure that no persons or animals are in the manoeuvring range. Otherwise, they could be injured.

Use Active Parking Assist for parking spaces:

- that are parallel to the direction of travel
- that are on straight roads, not bends
- that are on the same level as the road, e.g. not on the pavement

Parking tips:

- on narrow roads, drive as closely as possible past the parking space.
- parking spaces that are littered, overgrown or partially occupied by trailer drawbars might be identified incorrectly or not at all.
- snowfall or heavy rain may lead to a parking space being measured inaccurately.
- pay attention to the PARKTRONIC (> page 134) warning messages during the parking procedure.
- you can intervene in the steering procedure to correct it at any time. Active Parking Assist will then be cancelled.

- when transporting a load which protrudes from your vehicle, you should not use Active Parking Assist.
- never use Active Parking Assist when snow chains or an emergency spare wheel are fitted.
- make sure that the tyre pressures are always correct. This has a direct influence on the parking characteristics of the vehicle.
- the way your vehicle is positioned in the parking space after parking is dependent on various factors. These include the position and shape of the vehicles parked in front and behind it and the conditions of the location. In some cases, Active Parking Assist may guide you too far into a parking space, or not far enough into it. In some cases, it may also lead you across or onto the kerb. If necessary, you should abort the parking procedure with Active Parking Assist.
- you can also engage forward gear prematurely. The vehicle redirects and does not drive as far into the parking space. Should a gear be changed too early to achieve a sensible parking position, the parking procedure will be aborted.

 If unavoidable, you should drive over obstacles such as kerbs slowly and not at a sharp angle. Otherwise, you may damage the wheels or tyres.

Detecting parking spaces

Active Parking Assist is switched on automatically when driving forwards. The system is operational at speeds of up to approximately 35 km/h. While in operation, the system independently locates and measures parking spaces on both sides of the vehicle. When driving at speeds below 35 km/h, you will see the parking symbol as a status indicator in the instrument cluster. Active Parking Assist only displays parking spaces on the front-passenger side as standard. Parking spaces on the driver's side are displayed as soon as

the turn signal on the driver's side is activated. If you wish to park in a space on the driver's side, the indicator on the driver's side must remain on. This must remain switched on until you acknowledge the use of Active Parking Assist by pressing the  button on the multifunction steering wheel.

When a parking space has been detected, an arrow towards the right or the left also appears.



Detected parking space (example)

- ① Detected parking space on the left
- ② Parking symbol
- ③ Detected parking space on the right

Active Parking Assist will only detect parking spaces:

- that are parallel to the direction of travel
- that are at least 1.5 m wide
- that are at least 1.3 m longer than your vehicle

A parking space is displayed while you are driving past it, and until you are approximately 15 m away from it.

Parking

Risk of accident

PARKTRONIC and Active Parking Assist are merely parking aids and may not detect all obstacles. They do not relieve you of the responsibility of paying attention.

You are always responsible for safety and must continue to pay attention to your immediate surroundings when parking and

manoeuvring. You could, otherwise, endanger yourself and others.

- ▶ Stop the vehicle when the parking space symbol shows the desired parking space in the instrument cluster.
- ▶ Vehicles with manual transmission: shift to reverse gear.

Vehicles with AUTOTRONIC: shift the transmission to position **R**.

The **Park Assist Activate? Check vehicle surroundings. Yes: No:** message appears in the multifunction display.

- ▶ To cancel the procedure: press the  button on the multifunction steering wheel or pull away.

or

- ▶ To park using Active Parking Assist: press the  button on the multifunction steering wheel.

The **Park Assist active Please accelerate and brake the vehicle yourself** message appears in the multifunction display.

Risk of accident

When parking, you need to make sure that no obstacles are located in the vicinity of the vehicle during the entire operation. Active Parking Assist does not relieve you of the responsibility of paying attention. It merely aids you by intervening actively in the steering.

To stop the vehicle or avoid an accident you need to apply the brakes yourself.

- ▶ Let go of the multifunction steering wheel.
- ▶ Back up the vehicle, being ready to brake at all times. When reversing, do not exceed a speed of approximately 10 km/h; otherwise, Active Parking Assist will be deactivated.

- i** In tight parking spaces, you will achieve the best parking results by backing up as

far as possible. When doing so, also observe the PARKTRONIC messages.

- ▶ Stop as soon as PARKTRONIC sounds the continuous warning tone, if not before. Manoeuvring may be required in tight parking spaces.

Vehicles with manual transmission: the **Park Assist active Please shift to a forward gear** message appears in the multifunction display.

Vehicles with AUTOTRONIC: the **Park Assist active Please shift to D** message appears in the multifunction display.

- ▶ Vehicles with manual transmission: when the vehicle is stationary, shift to first gear. Vehicles with AUTOTRONIC: shift the transmission to position **D** while the vehicle is stationary. Active Parking Assist immediately steers in the other direction.

The **Park Assist active Please accelerate and brake the vehicle yourself** message appears in the multifunction display.

- ▶ **i** You will achieve the best parking results by waiting for the steering procedure to complete before moving forwards.
- ▶ Drive forwards and be ready to brake at all times.
- ▶ Stop as soon as PARKTRONIC sounds the continuous warning tone, if not before.

Vehicles with manual transmission: the **Park Assist active Please shift into reverse gear** message appears in the multifunction display.

Vehicles with AUTOTRONIC: the **Park Assist active Please shift to R** message appears in the multifunction display.

- ▶ Further gear changes/transmission changes may be necessary.

As soon as the parking procedure is complete, the **Parking assistance finished Please take over** message appears. Active

Parking Assist is now deactivated. PARKTRONIC is still available.

- ▶ Manoeuvre if necessary.
- ▶ Always observe the warning messages displayed by PARKTRONIC (▷ page 134).

Cancelling Active Parking Assist

You can cancel Active Parking Assist at any time.

- ▶ Stop the movement of the multifunction steering wheel or steer yourself. Active Parking Assist will be cancelled at once. The **Park Assist cancelled** message appears in the multifunction display.

or

- ▶ Press the PARKTRONIC button on the centre console (▷ page 135). PARKTRONIC is switched off and Active Parking Assist is immediately cancelled. The **Park Assist cancelled** message appears in the multifunction display.

Active Parking Assist is cancelled automatically if:

- a gear is changed/the transmission is shifted too early.
- parking using Active Parking Assist is no longer possible.
- you are driving faster than 10 km/h.
- a wheel spins, ESP® intervenes or fails. The  warning lamp lights up in the instrument cluster.

A warning tone sounds. The parking space symbol disappears and the multifunction display shows the **Park Assist cancelled** message.

When Active Parking Assist is cancelled, you must steer again yourself.

Trailer towing

For vehicles with a trailer tow hitch, the minimum length for parking spaces is slightly increased.

If you have attached a trailer to your vehicle, you should not use Active Parking Assist. Once the electrical connection is established between your vehicle and the trailer, Active Parking Assist is no longer available. PARKTRONIC is deactivated for the rear area.

Trailer towing

Notes on towing a trailer

Important safety notes

Risk of accident

When reversing the vehicle towards the trailer, make sure there is nobody between the trailer and the vehicle.

Couple and uncouple the trailer carefully. If you do not couple the trailer to the towing vehicle correctly, the trailer could become detached.

Make sure that the following values are not exceeded:

- the permissible trailer drawbar noseweight
- the permissible trailer load
- the permissible rear axle load of the towing vehicle
- the maximum permissible gross vehicle weight of both the towing vehicle and the trailer

You will find the applicable permissible values, which must not be exceeded, in the vehicle documents.

You will find the values approved by the manufacturer on the vehicle identification plates and those for the towing vehicle in the "Technical data" section.

Risk of accident

Always observe the maximum speed permitted in Germany for vehicle/trailer combinations, even in countries where higher speeds are permitted. This lowers the risk of an accident.

Risk of accident

Never depress the brake pedal continuously while the vehicle is in motion, e.g. never cause the brakes to rub by applying constant slight pedal pressure. This causes the brake system to overheat, increases the braking distance and can lead to the brakes failing completely.

Risk of accident

On no account should you attempt to draw the vehicle/trailer combination out by increasing speed.

General information

- i** Check the tyre pressure when towing a trailer. You will find the values in the tyre pressure table in the fuel filler flap of the vehicle (▷ page 239).

You will find installation dimensions and loads in the "Technical data" section (▷ page 259).

The maximum permissible trailer drawbar noseweight on the ball coupling is 75 kg. However, the actual noseweight must not exceed the value given on the trailer tow hitch and trailer identification plates. The lowest weight applies.

- !** Use a noseweight as close as possible to the maximum permissible noseweight. Do not use a noseweight of less than 50 kg, otherwise the trailer may come loose.

Bear in mind that the payload and the rear axle load are reduced by the actual noseweight.

- i** The height of the ball coupling changes with the load of the vehicle. If necessary, use a trailer with a height-adjustable drawbar.

Driving tips

In Germany, the maximum permissible speed for vehicle/trailer combinations depends on the type of trailer and is either 80 km/h or 100 km/h. In some countries, higher maxi-

imum speeds are permissible for vehicle/trailer combinations. Before beginning the journey, check the trailer's documents to see what the maximum permitted speed is.

For certain Mercedes-Benz vehicles, the maximum permissible rear axle load is increased when towing a trailer. Refer to the "Technical data" section to find out whether this applies to your vehicle. If you utilise any of the added maximum rear axle load when towing a trailer, the vehicle/trailer combination may not exceed a maximum speed of 100 km/h for reasons concerning the operating permit. This also applies in countries in which the permissible maximum speed for vehicle/trailer combinations is above 100 km/h.

When towing a trailer, your vehicle's handling characteristics will be different in comparison to when driving without a trailer.

The vehicle/trailer combination:

- is heavier
- is restricted in its acceleration and gradient-climbing capability
- has an increased braking distance
- is affected more by strong crosswinds
- demands more sensitive steering
- consumes more fuel

On long and steep downhill gradients, you must shift to a lower gear in good time, or on vehicles with AUTOTRONIC, select shift range **1, 2 or 3**.

i This also applies if you have activated cruise control or SPEEDTRONIC.

This will use the braking effect of the engine, so less braking will be required to maintain the speed. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly. If you need additional braking, depress the brake pedal repeatedly rather than continuously.

Driving tips

- Maintain a greater distance from the vehicle in front than when driving without a trailer.
- Avoid braking abruptly. If possible, brake gently at first to allow the trailer to run on. Then increase the braking force rapidly.
- The values given for gradient-climbing capabilities from a standstill refer to sea level. When driving in mountainous areas, note that the power output of the engine, and consequently the vehicle's gradient-climbing capability, decrease with increasing altitude.

If the trailer swings from side to side:

- ▶ Do not accelerate.
- ▶ Do not counter-steer.
- ▶ Brake if necessary.

Fitting the ball coupling

- ▶ Make a note of the ball coupling key number.

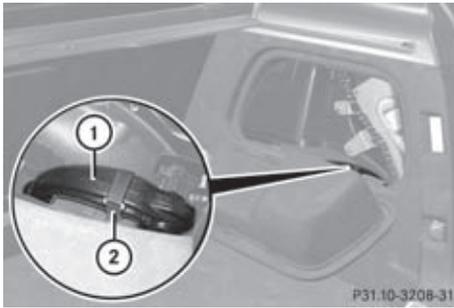
i You can use this number to obtain a replacement key from a Mercedes-Benz Service Centre.

Risk of injury

If the ball coupling does not engage properly when it is attached, the vehicle/trailer combination is not secured and could become detached. As a result, you could cause an accident. Attach the ball coupling carefully and make sure that it engages.

Vehicles without ECO start/stop function: the detachable ball coupling is in the stowage compartment on the right-hand side of the luggage compartment.

- ▶ Open the stowage compartment on the right-hand side of the luggage compartment (> page 186).
- ▶ Fold the cover down.

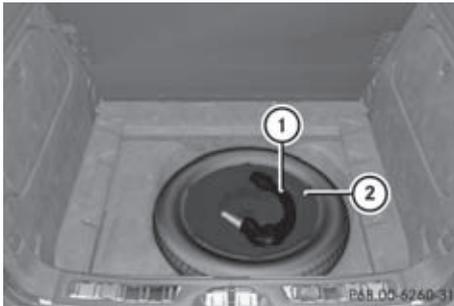


Vehicles without ECO start/stop function

- ▶ Loosen fastening strap (2).
- ▶ Remove ball coupling (1) from the ball coupling recess.

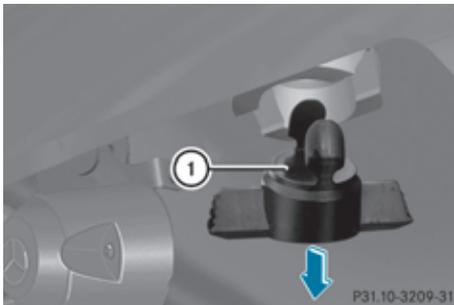
Vehicles with ECO start/stop function:
the attachable ball coupling is in the ball coupling recess in the stowage well underneath the luggage compartment floor.

- ▶ Open the luggage compartment floor (▷ page 197).

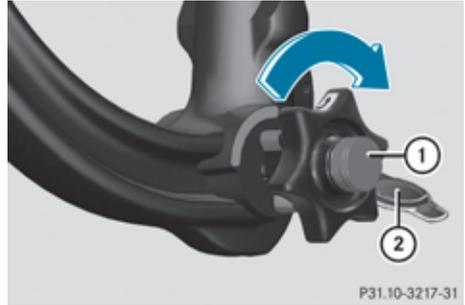


Vehicles with ECO start/stop function

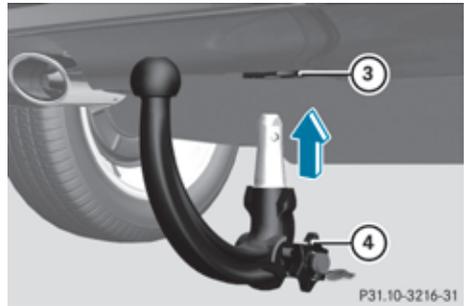
- ▶ Remove ball coupling (1) from ball coupling recess (2)



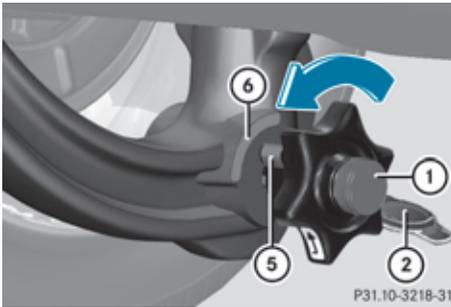
- ▶ Pull protective cap (1) down in the direction of the arrow out of the ball coupling recess.
- ▶ Place protective cap (1) into the ball coupling recess.



- ▶ Pull protective cap (2) off the lock in the handwheel.
- ▶ Insert key (1) into the ignition lock.
The red mark on the handwheel must be aligned with the green area on the ball coupling (fitting position). If this is not the case:
- ▶ Turn key (1) in the direction of the arrow. The key is released.



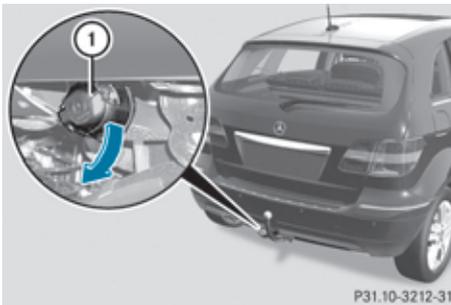
- ▶ Pull handwheel (4) away from the ball coupling and turn it clockwise until it engages. The green area on the ball coupling is aligned with the red mark on the handwheel.
- ▶ Insert the ball coupling in the direction of the arrow into ball coupling recess (3) until it engages. Handwheel (4) turns so that green mark (5) on the handwheel is aligned with green area (6) on the ball coupling.



P31.10-3218-31

- ▶ Turn key ① to the stop in the direction of the arrow to lock.
- ▶ Remove key ①.
- ▶ Press protective cap ② onto the lock.

i You can store the key in the ball coupling recess in the luggage compartment.



P31.10-3212-31

- ▶ Fold trailer power socket ① down.

⚠ Risk of accident

The ball coupling is only securely mounted when the green mark on the handwheel is aligned with the green area on the ball coupling and the key can be removed. If the ball coupling is not securely mounted, it may come loose.

The ball coupling must be locked and the key must be removed when towing a trailer. This is the only way to guarantee that the ball coupling is secured and cannot come loose while the vehicle is in motion. If the ball coupling cannot be locked and the key cannot be removed, remove the ball coupling and clean it.

If the ball coupling can still not be fitted (locked) after it has been cleaned, remove the ball coupling. The trailer coupling must then not be used to tow a trailer, as safe operation is not guaranteed.

Have the entire trailer coupling checked at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Coupling up a trailer

⚠ Risk of injury

Do not disconnect a trailer with an engaged overrun brake. Otherwise, your hand could become trapped between the bumper and trailer drawbar.

- ▶ Make sure that the transmission is in position **P**.
- ▶ Apply the parking brake.
- ▶ Position the trailer level behind the vehicle.
- ▶ Couple up the trailer.
- ▶ Establish the electrical connection between the vehicle and the trailer.
- ▶ Check that the trailer lighting system is working.

Decoupling a trailer

⚠ Risk of injury

As soon as you raise the trailer drawbar, the unladen vehicle rises slightly. The vehicle then lowers to driving level.

Make sure that nobody is in the vicinity of the wheel arch or the underbody. You could otherwise trap yourself or others.

⚠ Risk of injury

The vehicle is lowered as soon as you disconnect the trailer cable. Make sure that nobody

is in the vicinity of the wheel arch or the underbody. You could otherwise trap yourself or others.

As soon as you decouple the trailer, the unladen vehicle rises slightly. Make sure that you or others are not injured in the process.

- ❗ Do not disconnect a trailer with an engaged overrun brake. Otherwise, your vehicle could be damaged by the rebounding of the overrun brake.
- ▶ Make sure that the transmission is in position **P**.
- ▶ Apply the parking brake.
- ▶ Secure the trailer against rolling away.
- ▶ Remove the trailer cable and decouple the trailer.

Removing the ball coupling

- ▶ Pull the protective cap off the lock in the handwheel.
- ▶ Use the key to unlock the lock in the handwheel.
- ▶ Hold the ball coupling. Pull the handwheel away from the ball coupling and turn it clockwise until it engages. The green area on the ball coupling is aligned with the red mark on the handwheel.
- ▶ Pull out the ball coupling downwards.
- ▶ Clean the ball coupling if it is dirty.

Information on cleaning and care of the trailer tow hitch can be found at (▶ page 213).

Storing the ball coupling

Risk of accident

Never transport an unsecured ball coupling in the interior of the vehicle.

Otherwise, vehicle occupants could be injured by the ball coupling being thrown if you:

- brake sharply
- change direction suddenly
- have an accident

- ▶ **Vehicles without ECO start/stop function:** open the stowage compartment on the right of the luggage compartment.
- ▶ Fold the trim downwards.
- ▶ **Vehicles with start/stop function:** open the luggage compartment floor.
- ▶ Remove the protective cap from the ball coupling recess.
- ▶ Replace the cover.
- ▶ Store the ball coupling with the key inserted in the ball coupling recess.
- ▶ **Vehicles without ECO start/stop function:** secure the ball coupling in place using the fastening strap.
- ▶ Fold the trailer power socket upwards.

Trailer power supply

When it leaves the factory, your vehicle's trailer socket is equipped with a permanent power supply and a power supply that is switched on via the ignition lock.

The permanent power supply is supplied via trailer socket pin 9.

The power supply that is switched on via the ignition lock is supplied via trailer socket pin 10.

❗ You can connect consumers with a power rating of up to 240 W to the permanent power supply and up to 180 W to the power supply that is switched on via the ignition lock.

You must not charge a trailer battery using the power supply.

The trailer's turn signal lamps are only guaranteed to function when bulbs are used.

You can obtain further information about installing the trailer electrics from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

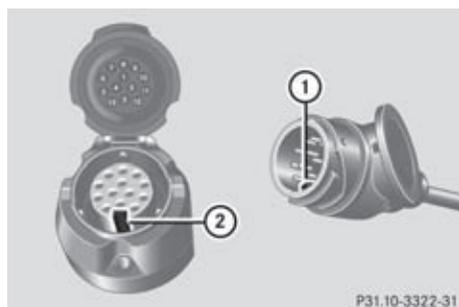
- ▶ **To switch the connected power supply on or off:** turn the key in the ignition lock to position **2** or **0** respectively.

Trailer with 7-pin connector

General information

If your trailer has a 7-pin connector, you can connect it to the 13-pin socket on the ball coupling using an adapter or, if necessary, an adapter cable. Both of these can be obtained at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Fitting the adapter



- ▶ Fold down the socket.
 - ▶ Open the socket cover.
 - ▶ Insert the connector with lug ① into groove ② on the socket and turn the connector clockwise to the stop.
 - ▶ Let the cover engage.
 - ▶ If you are using an adapter cable, secure the cable to the trailer with cable ties.
- !** Make sure that there is sufficient cable play so that the cable cannot become detached when cornering.

Problems with trailer towing

Problem	Possible causes/consequences and ► Solutions
The ball coupling cannot be locked. The key cannot be removed from the ball coupling.	<p> Risk of accident</p> <p>The ball coupling is dirty.</p> <p>The trailer tow hitch is damaged.</p> <ul style="list-style-type: none"><li>► Remove the ball coupling and clean it (► page 213). If the ball coupling still cannot be locked, remove the ball coupling. It must no longer be used to tow a trailer, as safe operation is not guaranteed.<li>► Have the entire trailer tow hitch checked at a qualified specialist workshop.

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Vehicle equipment

- i** This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Important safety notes

You will find an illustration of the instrument cluster in the "At a glance" section (▷ page 22).

Risk of accident

Only use the on-board computer when road and traffic conditions permit. You would otherwise be distracted and unable to concentrate properly on driving, and could cause an accident.

Risk of accident

If the instrument cluster or multifunction display fails, no messages can be displayed.

This means that you will not see information about the driving situation, such as the speed, outside temperature, warning/indicator lamps, display messages or system failures. Handling characteristics may be affected. Adapt your driving style and speed accordingly.

Immediately consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Risk of accident

The on-board computer only records and displays malfunctions and warnings from certain systems. For this reason, you should always make sure that your vehicle is safe to use. You could otherwise cause an accident by driving an unsafe vehicle.

Risk of accident and injury

The operating safety of your vehicle could be jeopardised if maintenance work is carried out incorrectly. As a result, you could lose control of the vehicle and cause an accident. In addition, the safety systems may no longer be able to protect you or others as they are designed to do.

Always have maintenance work carried out at a qualified specialist workshop. The qualified specialist workshop must have the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Displays and operation

Coolant temperature gauge

The coolant temperature gauge is in the instrument cluster on the left-hand side.

Under normal operating conditions and with the specified coolant level, the coolant temperature may rise to 120 °C.

The coolant temperature may rise to the top end of the scale at high outside temperatures and on long uphill stretches.

Rev counter

The red band in the rev counter indicates the engine's overrevving range.

! Do not drive in the overrevving range. Doing so will damage the engine.

The fuel supply is interrupted to protect the engine when the red band is reached.

Outside temperature display

The outside temperature display is in the multifunction display (▷ page 150).

Risk of accident

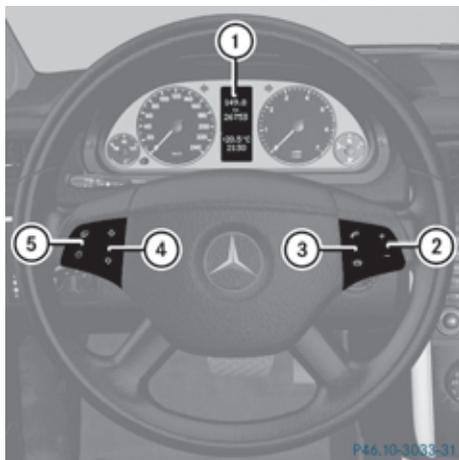
At temperatures just above freezing point, the street may be icy, especially in wooded areas or on bridges. If you do not adapt your driving style to the conditions, the vehicle could skid. For this reason, adapt your driving style and speed to the weather conditions.

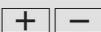
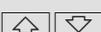
Changes in the outside temperature are displayed after a short delay.

Operating the on-board computer

The on-board computer is activated as soon as you turn the key to position 1 in the ignition lock.

You can control the multifunction display and the settings in the on-board computer using the buttons on the multifunction steering wheel.



①	Multifunction display
②	 Selects submenus in the Settings menu Changes values Adjusts the volume
③	 Rejects or ends a call Exits the phone book/redial memory  Makes or accepts a call Switches to the redial memory
④	 Scrolls back and forth within a menu  Press briefly Audio 5: in the Audio menu: selects an audio track or, depending on the settings, selects a stored or the next/previous station. Audio 20, Audio 50 APS and COMAND APS: in the Audio menu: selects a stored station, an audio track or a video scene Audio 20, Audio 50 APS and COMAND APS: in the Telephone menu: switches to the phone book and selects a name or a telephone number
	 Press and hold (Audio 20, Audio 50 APS and COMAND APS): In the Audio menu: selects the previous/next station or selects an audio track using rapid scrolling In the Telephone menu: starts rapid scrolling through the phone book
⑤	 Selects a menu: scrolls back and forth

Multifunction display

Values and settings as well as display messages are shown in the multifunction display.

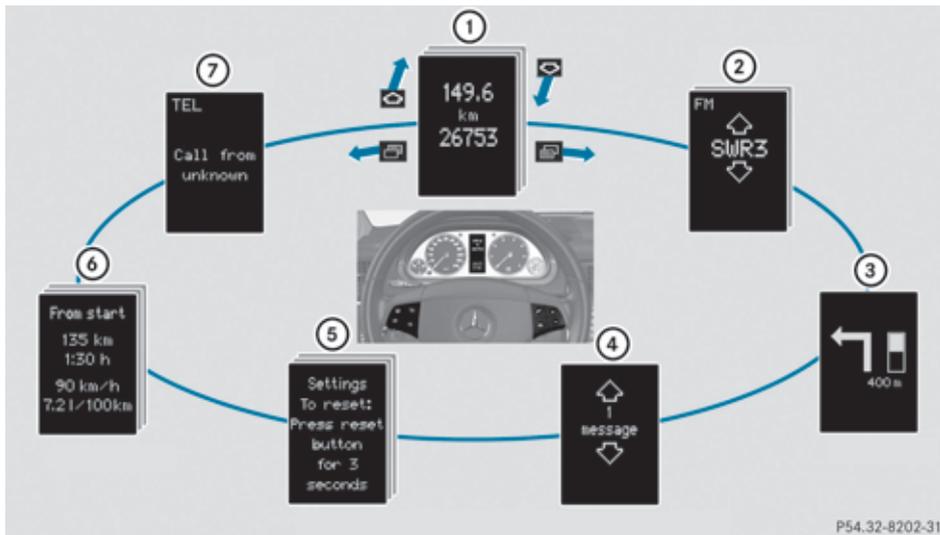


- ① Display area for menus or submenus
- ② Status bar with outside temperature or speed (▷ page 156)

Menus and submenus

Menu overview

The number of menus shown depends on the optional equipment in the vehicle.



	Function
①	Standard display menu (▷ page 152) <ul style="list-style-type: none"> • Tyre pressure loss warning (▷ page 241) • ASSYST PLUS service interval display (▷ page 209) • Engine oil level (▷ page 205)
②	Audio menu (▷ page 152)
③	Navigation (▷ page 154) menu
④	Message memory ²⁴ menu (▷ page 162)
⑤	Settings menu (▷ page 155)
⑥	Trip computer menu (▷ page 159)
⑦	Telephone menu (▷ page 160)

For the Audio 5, the on-board computer displays the **Audio** and **Telephone** menus in English. The language for these menus is not dependent on the language selected for the multifunction display.

Audio 20, Audio 50 APS and COMAND APS:

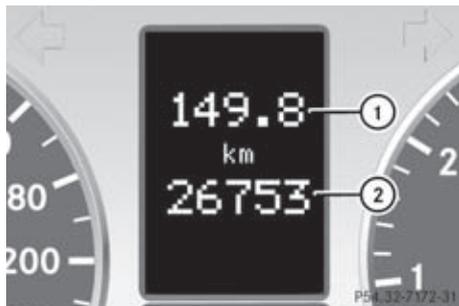
²⁴ The menu is only visible when there is a display message.

Depending on the audio system fitted, the **Audio**, **Navigation** and **Telephone** menus are slightly different. The examples given in this Owner's Manual apply to vehicles equipped with COMAND APS.

Standard display menu

Standard display

- ▶ Press  or  on the steering wheel to select the standard display.



Standard display

- ① Trip meter
- ② Total distance recorder

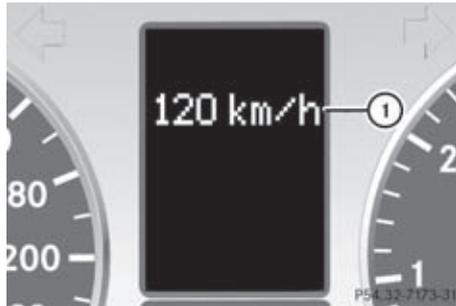
You can select the following functions in the **Standard display** menu by pressing  or :

- tyre pressure loss warning (▷ page 241)
- digital speedometer or outside temperature (▷ page 152)
- ASSYST PLUS service interval display (▷ page 209)
- engine oil level (▷ page 205)
- ▶ **To reset the trip meter:** press and hold the reset button on the left of the instrument cluster until the trip meter has been reset.

Displaying the digital speedometer or outside temperature

If you have selected the digital speedometer as the status line (▷ page 156), the outside temperature is displayed here²⁵.

- ▶ Press  or  on the steering wheel to select the standard display.
- ▶ Press the  or  button to select digital speedometer or the outside temperature.



Digital speedometer (example)

- ① Digital speedometer

Audio menu

Selecting a radio station

You can only change the waveband and store new stations using the audio system or COMAND APS.

- ▶ Switch on the audio system or COMAND APS and select Radio (see the separate operating instructions).
- ▶ Press  or  on the steering wheel to select the **Audio** menu.

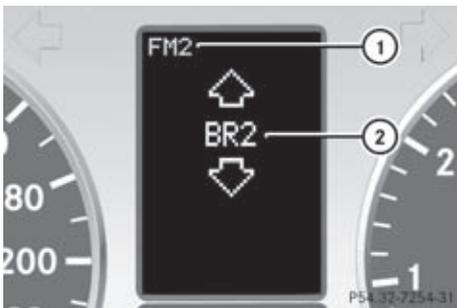
Audio 5:

- ▶ Press the  or  button to select the desired station.

The type of search depends on the radio station selection settings (▷ page 158).

The next stored station is selected, or the station search starts.

²⁵ Vehicles for the United Kingdom: the outside temperature is always displayed.



- ① Waveband²⁶
- ② Current channel

Audio 20, Audio 50 APS or COMAND APS:

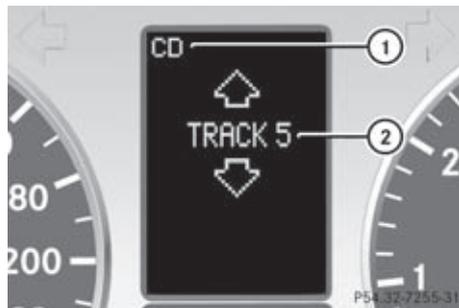
- ▶ **To select a stored channel:** briefly press the or button.
- ▶ **To select a channel from the channel list:** press and briefly hold the or button.
- ▶ **To select a station using the station search²⁷:** press and briefly hold the or button.

- ❗ **DAB radio mode (Digital Audio Broadcasting);** see separate operating instructions.

Operating the CD player (Audio 5)

You can play MP3/WMA CDs in the Audio 5 drive.

- ▶ Switch on the audio system and select the CD player (see the separate operating instructions).
- ▶ Press or on the steering wheel to select the **Audio** menu.
- ▶ Press the or button to select a CD track.



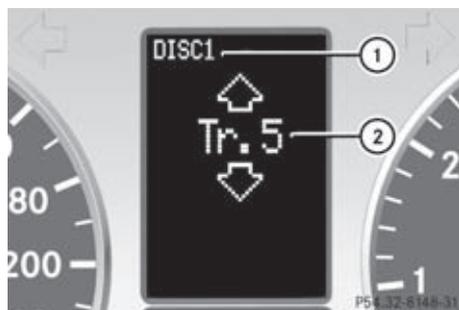
CD player display (example)

- ① Function (the CD number is also shown with a CD changer)
- ② Current track

Operating audio devices or media

Audio data from various audio devices or media can be played, depending on the equipment fitted in the vehicle.

- ▶ Switch on the audio system or COMAND APS and select the audio device or medium (see the separate operating instructions).
- ▶ Press or on the steering wheel to select the **Audio** menu.



CD changer display (example)

- ① Current CD
- ② Current track

²⁶ When current channel ② has been stored, the memory position will also be displayed.

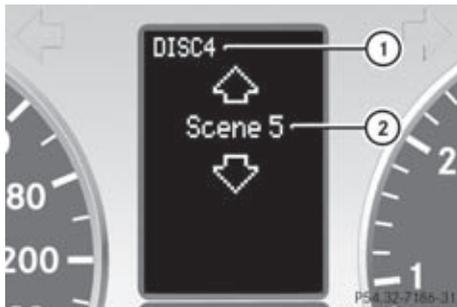
²⁷ Only if no station list is received.

- ▶ **To select the next/previous track:** briefly press the  or  button.
- ▶ **To select a track from the track list (rapid scrolling):** press and briefly hold the  or  button.

The current track will not be displayed in audio AUX mode (**A**uxiliary audio mode: external audio source connected).

Video DVD operation

- ▶ Switch on COMAND APS and select video DVD (see the separate operating instructions).
- ▶ Press  or  on the steering wheel to select the **A**udio menu.



DVD changer display (example)

- ① Current DVD (for DVD changer)
- ② Current scene
- ▶ Press the  or  button to select a scene.

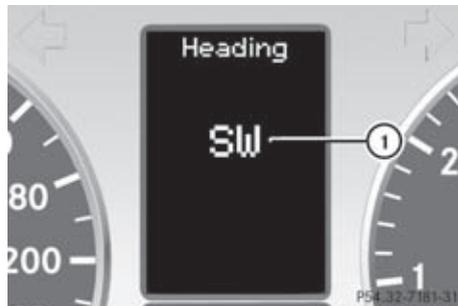
Navigation menu

Displaying navigation instructions

In the **N**avigation menu: the instructions from the navigation system appear in the multifunction display. For more information, see the separate operating instructions.

- ▶ Switch on the audio system or COMAND APS (see the separate operating instructions).
- ▶ Press  or  on the steering wheel to select the **N**avigation menu.

Route guidance inactive



- ① Direction of travel

Route guidance active

The multifunction display shows navigation instructions, for example:



Setup menu

Introduction



The **Settings** menu allows you to:

- restoring the factory settings
- changing the instrument cluster settings
- changing the time/date settings²⁸
- changing the light settings
- changing the vehicle settings
- changing the convenience settings

Resetting to factory settings

For safety reasons, not all functions will be reset: permanent SPEEDTRONIC can only be set in the **Vehicle** submenu. The **Headlamp mode** setting in the **Lighting** submenu is only reset if the vehicle is stationary.

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press and hold the reset button on the left of the instrument cluster for approximately three seconds.

A prompt appears in the multifunction display asking you to confirm by pressing the reset button again.

- ▶ Press the reset button again. The settings of most functions are restored to the factory settings.

or

- ▶ If you want to retain the settings, do not press the reset button a second time. After approximately five seconds, the **Settings** menu reappears.
- ▶ Press  or  to select a different menu.

Instrument cluster

Selecting the unit of measurement for distance

The **Display unit Speed-/odometer** function allows you to choose whether certain displays appear in kilometres or miles.

The selected unit of measurement for distance applies to:

- the digital speedometer²⁹
- the total distance recorder and the trip meter
- the trip computer
- the navigation instruction in the **Navigation** menu
- SPEEDTRONIC
- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press the  button to select submenu.
- ▶ Press  or  to select the **Inst. cluster** submenu.
- ▶ Press  to select **Display unit Speed-/odom..**
- ▶ Press the  or  button to select **km** or **miles** as the unit of measurement for distance.
- ▶ Press the ,  or  button to select a different display.

²⁸ This function is not available on vehicles with Audio 50 APS, Audio 55 APS or COMAND APS.

²⁹ Vehicles for the United Kingdom: the digital speedometer always displays km/h.

Selecting the language

The **Language:** function allows you to select the language for the instrument cluster.

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press  to call up the selection of submenus.
- ▶ Press  or  to select the **Inst. cluster** submenu.
- ▶ Press the  button to select **Language**.
- ▶ Press the  or  button to select the desired language.
- ▶ Press the ,  or  button to select a different display.

Selecting the status line display

Vehicles for the United Kingdom: this function is not available.

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press  to call up the selection of submenus.
- ▶ Press  or  to select the **Inst. cluster** submenu.
- ▶ Press  to select **Status line display**.
- ▶ Press  or  to select the display in the status line: speed (**Speed**) or outside temperature (**Outside temp.**).
The selected display now appears constantly in the lower multifunction display. When you scroll through the **Standard display** menu (▶ page 152), you will see the display you have not selected.
- ▶ Press the ,  or  button to select a different display.

Time/date

This submenu is only available on vehicles without an audio system or with Audio 5 or Audio 20.

The **Time/Date** submenu allows you to set the time and the date.

Your vehicle could have the following audio equipment:

- A: Audio 5 or Audio 20
- B: Audio 50 APS
- C: COMAND APS

- ▶ Refer to the separate operating instructions to find out which audio system is fitted in your vehicle.

Depending on the audio system, the time and date are received from GPS satellites and cannot be set using the on-board computer (see the following table).

	A	B	C
Setting using the on-board computer	X		
Automatic GPS satellite reception		X	X

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press the  button to select submenus.
- ▶ Press the  or  button to select the **Time/Date** submenu.
- ▶ **To set the clock:** press  on the steering wheel to select **Time Hours** or **Time Minutes**.

or

- ▶ **To set the date:** press  to select **Date Set day**, **Date Set month** or **Date Set year**.
- ▶ Press  or  to set a value.
- ▶ Press the ,  or  button to select a different display.

Lighting

Switching the daytime driving lights on/off

If you have activated the daytime driving lights function and the light switch is in the  or **AUTO** position, the side lamps, dipped-beam headlamps and licence plate

lighting are switched on automatically when the engine is running.

Turning the light switch to a different position switches on the corresponding lights. Turn the light switch to  or **AUTO** first if you wish to switch off the daytime driving lights while driving in the dark.

In countries where daytime driving lights are a legal requirement, the function is activated as part of the factory settings.

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press the  button to select submenus.
- ▶ Press the  or  button to select the **Lighting** submenu.
- ▶ Press  to select **Headlamp mode**.
- ▶ Press the  or  button to set the mode for the headlamps to **Manual** or **Constant** (daytime driving lights).
- ▶ Press the ,  or  button to select a different display.

Switching the surround lighting on or off

If the surround lighting is switched on, the following lights will be switched on automatically in the dark after you have unlocked the vehicle using the key:

- the side lamps
- the licence plate lighting
- the foglamps

The surround lighting switches off automatically after 40 seconds or when the driver's door is opened.

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press  to call up the selection of submenus.
- ▶ Press the  or  button to select the **Lighting** submenu.
- ▶ Press  to select **Surround lighting**.

- ▶ Press the  or  button to activate or deactivate the **Surround lighting** function.

- ▶ Press the ,  or  button to select a different display.

Activating/deactivating the exterior lighting delayed switch-off

When you activate the **Headl. delay switch-off** function, the exterior lighting remains on for another 15 seconds after closing the doors when it is dark.

If the engine is switched off and then none of the doors are opened, or if an open door is not closed, the exterior lighting goes out after 60 seconds.

If you have activated the delayed switch-off function and switched off the engine, the following remain lit:

- the side lamps
 - the licence plate lighting
 - the foglamps
- ▶ Press  or  on the steering wheel to select the **Settings** menu.
 - ▶ Press  to call up the selection of submenus.
 - ▶ Press the  or  button to select the **Lighting** submenu.
 - ▶ Press the  button to select **Headl. delay switch-off**.
 - ▶ Press the  or  button to activate or deactivate the **Headl. delay switch-off** function.
 - ▶ Press the ,  or  button to select a different display.
- To deactivate the delayed switch-off temporarily:
- ▶ Before leaving the vehicle, turn the key to position **0** in the ignition lock.
 - ▶ Turn the key to position **2** in the ignition lock and back to position **0**. The delayed switch-off is deactivated.

Delayed switch-off is reactivated the next time you start the engine.

Activating/deactivating the interior lighting delayed switch-off

When you activate the **Inter. lighting delay.sw.off** function and remove the key from the ignition lock, the interior lighting remains on for 10 seconds.

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press the  button to select submenus.
- ▶ Press the  or  button to select the **Lighting** submenu.
- ▶ Press the  button to select **Inter. lighting delay.sw.off**.
- ▶ Press the  or  button to activate or deactivate the **Inter. lighting delay.sw.off** function.
- ▶ Press the ,  or  button to select a different display.

Vehicle

Setting the radio station selection

This function is only available in conjunction with Audio 5.

The **Audio Search** allows you to set whether a new station is searched for every time you switch on the radio or a previously stored station is selected.

- ▶ Press the  or  button on the steering wheel to select the **Settings** menu.
- ▶ Press  to call up the selection of submenus.
- ▶ Press the  or  button to select the **Vehicle** submenu.
- ▶ Press the  button to select **Audio search**.
- ▶ Press the  or  button to select the **Frequency** or **Memory** setting.
If the **Frequency** setting is selected, the station search is started. If the **Memory** set-

ting is selected, the next stored station is selected.

- ▶ Press the ,  or  button to select a different display.

Setting permanent SPEEDTRONIC

You can set permanent SPEEDTRONIC (> page 132) using the **Speed limit (tyres)** function.

- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press  to call up the selection of submenus.
- ▶ Press the  or  button to select the **Vehicle** submenu.
- ▶ Press  to select **Speed limit (tyres)**.
- ▶ Press  or  to adjust permanent SPEEDTRONIC in increments of 10 (230 km/h to 160 km/h). The **Off** setting switches permanent SPEEDTRONIC off.
- ▶ Press the ,  or  button to select a different display.

Switching the automatic locking feature on/off

When you activate the **Automatic door Lock** function, your vehicle will be centrally locked above a speed of approximately 15 km/h.

- i** For further information on the automatic locking feature, see (> page 60).
- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press the  button to select submenus.
- ▶ Press the  or  button to select the **Vehicle** submenu.
- ▶ Press  to select **Automatic door lock**.
- ▶ Press  or  to switch **Automatic door lock** on or off.
- ▶ Press the ,  or  button to select a different display.

Convenience

Switching the fold-in mirrors when locking function on/off

When you activate the **Fold in mirrors when locking** function, the exterior mirrors are folded in when the vehicle is locked. If you unlock the vehicle and then open the driver's or front-passenger door, the exterior mirrors fold out again.

If you have switched the function on and you fold the exterior mirrors in using the button on the door (> page 75), they will not fold out automatically. The exterior mirrors can then only be folded out using the button on the door.

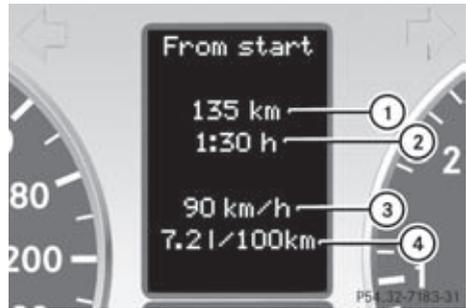
- ▶ Press  or  on the steering wheel to select the **Settings** menu.
- ▶ Press the  button to select submenus.
- ▶ Press the  or  button to select the **Convenience** submenu.
- ▶ Press  to select **Fold mirr. in when locking**.
- ▶ Press  or  to activate/deactivate the **Fold mirr. in when locking** function.
- ▶ Press the ,  or  button to select a different display.

Trip computer menu

Trip computer "From start" or "From reset"

The values in the **From start** submenu refer to the start of your journey, while those in the **From reset** submenu refer to the last time you reset (> page 159) this submenu.

- ▶ Press  or  on the steering wheel to select the **trip computer** menu.
- ▶ Press  or  to select **From start** or **From reset**.



Trip computer "From start" (example)

- ① Distance
- ② Time
- ③ Average speed
- ④ Average fuel consumption

The **From start** trip computer is reset automatically when

- the ignition has been switched off for more than four hours.
- 999 hours have been exceeded.
- 9999 kilometres have been exceeded.

The **From reset** trip computer is automatically reset if the trip exceeds 9,999 hours or 99,999 kilometres.

Resetting values

- ▶ Press  or  on the steering wheel to select the **trip computer** menu.
- ▶ Press  or  to select the function that you wish to reset.
- ▶ Press and hold the reset button on the left of the instrument cluster until the values have reverted to "0".

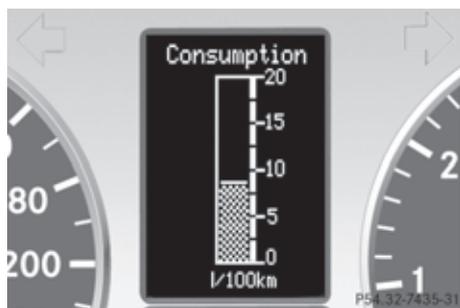
Calling up the range

- ▶ Press  or  on the steering wheel to select the **trip computer** menu.
- ▶ Press  or  to select **Range:.**
The multifunction display shows the estimated range of the vehicle, based on the current driving style and the fuel level. If there is only a small amount of fuel remain-

ing in the fuel tank, a vehicle refuelling  appears instead of the range.

Displaying the current fuel consumption

- ▶ Press  or  on the steering wheel to select the **trip computer** menu.
- ▶ Press  or  to select **Consumption:**.
The current fuel consumption is displayed.



Telephone menu

Introduction

Functions and displays are dependent on the optional equipment installed in your vehicle. You can place your mobile phone in the mobile phone bracket (▶ page 201), or set up a Bluetooth® connection to the audio system or COMAND APS (see the separate operating instructions).

Risk of accident

Observe the legal requirements of the country in which you are currently driving regarding the use of mobile phones in the vehicle.

If it is permitted to use mobile phones while the vehicle is in motion, you should only use them when the road and traffic conditions allow. Otherwise, you may be distracted from the traffic conditions, cause an accident and injure yourself and others.

- ▶ Switch on the mobile phone and audio system or COMAND APS (see the separate operating instructions).

Switch on the mobile phone and audio system (see the separate operating instructions).

- ▶ Press  or  on the steering wheel to select the **Telephone** menu.

You will see one of the following display messages in the multifunction display:

- **PIN:** the mobile phone has been placed in the mobile phone bracket and the PIN has not been entered.
- ▶ Enter the PIN using the mobile phone, LINGUATRONIC, the audio system or COMAND APS.
The mobile phone will search for a network.
- **Ready** or the name of the network provider: the mobile phone has found a network and is ready to receive.
- **No Service:** no network is available.

Accepting a call

If someone calls you when you are in the **Telephone** menu, a display message appears in the multifunction display, for example:



- ▶ Press  on the steering wheel to accept an incoming call.

If you are not in the **Telephone** menu, you can still accept a call.

Rejecting or ending a call

- ▶ Press the  button on the steering wheel.

If you are not in the **Telephone** menu, you can still accept a call.

Dialling a number from the phone book

You can enter new telephone numbers into the phone book via the mobile phone (see the separate operating instructions). If your mobile phone is operational, you can select and dial a number from the phone book at any time.

- ▶ Press  or  on the steering wheel to select the **Telephone** menu.
- ▶ Press the  or  button to select the desired name.

To start scrolling rapidly, press and hold the  or  button for longer than one second.

- ▶ Press  to start dialling.

or

- ▶ If you do not want to make a call, press the  button.

Redialling

The on-board computer saves the last names or numbers dialled in the redial memory.

- ▶ Press  or  on the steering wheel to select the **Telephone** menu.
- ▶ Press the  button to switch to the redial memory.
- ▶ Press the  or  button to select the desired name or number.
- ▶ Press  to start dialling.

Display messages

Hiding display messages

Display messages appear in the multifunction display.

- ▶ Press the , ,  or  button on the steering wheel to select another display. or
- ▶ Press the reset button on the instrument cluster (▷ page 22).
The display message is cleared.

The multifunction display shows high-priority display messages in red.

You cannot hide display messages of the highest priority. The multifunction display shows these messages continuously until the causes for the messages have been remedied.

Certain display messages are accompanied by an audible warning tone or a continuous tone. Please respond in accordance with the display messages and follow the additional notes in this Owner's Manual.

Message memory menu

The on-board computer saves certain display messages. You can call up the display messages in the **message memory** menu.

The **message memory** menu is only shown if any display messages have been stored.

- ▶ Press the  or  button repeatedly, until either the original menu or the **message memory** menu is shown.
If there are display messages, the multifunction display shows, for example, **2 messages**.
- ▶ Press the  or  button to scroll through the display messages.

When the ignition is switched off, all display messages are deleted apart from some high-priority display messages. Once the causes of the high-priority display messages have been rectified, the corresponding display messages are also deleted.

Safety systems

Display messages

Possible causes/consequences and ► Solutions



 **Risk of injury**

If the symbol appears in the multifunction display, a seat belt buckle has been released on a rear seat while the vehicle is in motion.

► Ask occupants in the rear to fasten their seat belts.

For further information on the status indicator for the rear seat belts: (► page 37).

ESP
unavailable See
Owner's Manual

 **Risk of accident**

ESP® (Electronic Stability Program) is temporarily not available. The self-diagnosis function might not be complete, for example. The following systems have also been deactivated:

- BAS (Brake Assist)
- the steering assistant STEER CONTROL
- hill start assist
- the tyre pressure loss warning system

The brake system continues to function normally, but without the functions listed above.

► Carefully drive a short distance, making slight steering movements at a speed above 20 km/h.

If the display message disappears, the functions mentioned above are available again.

If the display message continues to be displayed:

- Drive on carefully.
- Visit a qualified specialist workshop.

ESP® is not available due to undervoltage. The battery might not be charging, for example.

The following systems have also been deactivated:

- BAS
- the steering assistant STEER CONTROL
- hill start assist
- the tyre pressure loss warning system

The brake system continues to function normally, but without the functions listed above.

- Drive on carefully.
- Visit a qualified specialist workshop immediately.

Display messages	Possible causes/consequences and ► Solutions
<p>ESP inoperative See Owner's Manual</p>	<p> Risk of accident</p> <p>ESP® is not available due to a malfunction. The following systems have also been deactivated:</p> <ul style="list-style-type: none"> • BAS • the steering assistant STEER CONTROL • hill start assist • the tyre pressure loss warning system <p>The brake system continues to function normally, but without the functions listed above.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Visit a qualified specialist workshop immediately.
<p>SRS</p> <p>Restraint system malfunction Con- sult workshop</p>	<p> Risk of injury</p> <p>The restraint systems are malfunctioning.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop immediately.

Brakes

Display messages

Possible causes/consequences and ► Solutions

ABS

ABS, ESP unavailable See Owner's Manual

 **Risk of accident**

ABS (Anti-lock Brake System) and ESP® (Electronic Stability Program) are temporarily unavailable. The self-diagnosis function might not be complete, for example.

The following systems have also been deactivated:

- BAS (Brake Assist)
- the steering assistant STEER CONTROL
- hill start assist
- the tyre pressure loss warning system

The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.

► Carefully drive a short distance, making slight steering movements at a speed above 20 km/h.

If the display message disappears, the functions mentioned above are available again.

If the display message continues to be displayed:

- Drive on carefully.
- Visit a qualified specialist workshop.

 **Risk of accident**

ABS and ESP® are temporarily unavailable due to undervoltage. The battery might not be charging, for example.

The following systems have also been deactivated:

- BAS
- the steering assistant STEER CONTROL
- hill start assist
- the tyre pressure loss warning system

The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.

- Drive on carefully.
- Visit a qualified specialist workshop immediately.

Display messages	Possible causes/consequences and ► Solutions
<p>ABS ABS, ESP inoperative See Owner's Manual</p>	<p> Risk of accident</p> <p>ABS and ESP® are not available due to a fault. The following systems have also been deactivated:</p> <ul style="list-style-type: none"> • BAS • the steering assistant STEER CONTROL • hill start assist • the tyre pressure loss warning system <p>The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Visit a qualified specialist workshop immediately.
<p> Release parking brake</p>	<p>You are driving with the parking brake applied. A warning tone also sounds.</p> <ul style="list-style-type: none"> ► Release the parking brake
<p> Check brake fluid level</p>	<p> Risk of accident</p> <p>There is insufficient brake fluid in the brake fluid reservoir. In addition, the red  warning lamp in the instrument cluster lights up and a warning tone sounds.</p> <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. ► Apply the parking brake. ► Consult a qualified specialist workshop. ► Do not top up the brake fluid. This does not correct the error.
<p> Brake wear</p>	<p>The brake pads/linings have reached their wear limit.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.

Lights

 Display messages about LEDs:

This display message will only appear if all LEDs have failed.

Display messages	Possible causes/consequences and ► Solutions
 <p>Cornering light left or Cornering light right</p>	<p>The left or right-hand cornering light is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Dipped-beam left or Dipped-beam right</p>	<p>The left or right-hand dipped-beam headlamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Trailer tail lamp left or Trailer tail lamp right</p>	<p>The left or right-hand trailer tail lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself. <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Trailer turn signal left or Trailer turn signal right</p>	<p>The left or right-hand trailer turn signal lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself. <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Trailer brake lamp</p>	<p>The trailer brake lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself. <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Turn signal rear left or Turn signal rear right</p>	<p>The rear left-hand or rear right-hand turn signal is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Turn signal front left or Turn signal front right</p>	<p>The front left-hand or front right-hand turn signal is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). or ► Visit a qualified specialist workshop.
 <p>Turn signal left mirror or Turn signal right mirror</p>	<p>The turn signal in the left-hand and/or right-hand exterior mirror is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). or ► Visit a qualified specialist workshop.
 <p>3rd brake lamp</p>	<p>The third brake lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). or ► Visit a qualified specialist workshop.
 <p>Brake lamp left or Brake lamp right</p>	<p>The left or right-hand brake lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). or ► Visit a qualified specialist workshop.
 <p>Tail lamp left or Tail lamp right</p>	<p>The left or right-hand tail lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). or ► Visit a qualified specialist workshop.
 <p>Main-beam left or Main-beam right</p>	<p>The left or right-hand high beam is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). or ► Visit a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Licence plate lamp</p>	<p>The left or right-hand licence plate lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Fog-lamp left or Fog-lamp right</p>	<p>The left-hand or right-hand front foglamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Rear foglamp</p>	<p>The rear foglamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Parking lamp front left or Parking lamp front right</p>	<p>The front left or front right parking lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Reversing lamp left or Reversing lamp right</p>	<p>The left or right-hand reversing lamp is faulty.</p> <ul style="list-style-type: none"> ► Check whether you are permitted to change the bulb yourself (▷ page 83). <p>or</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>AUTO lights inoperative</p>	<p>The light sensor is faulty.</p> <ul style="list-style-type: none"> ► Switch off the daytime driving lights in the on-board computer (> page 156). ► Switch the lights on and off using the light switch. ► Visit a qualified specialist workshop.
 <p>Switch off lights</p>	<p>The lights are still switched on when you leave the vehicle. A warning tone also sounds.</p> <ul style="list-style-type: none"> ► Turn the light switch to 0 or A. <p>or</p> <ul style="list-style-type: none"> ► If the rear foglamp is switched on: press the light switch in to the stop.

Engine

Display messages	Possible causes/consequences and ► Solutions
	<p>Some electronic systems are unable to send information to the on-board computer. The following systems may be malfunctioning:</p> <ul style="list-style-type: none"> • coolant temperature display • rev counter • cruise control or SPEEDTRONIC display <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Top up coolant See Owner's Manual</p>	<p>The coolant level is too low.</p> <ul style="list-style-type: none"> ► Top up the coolant, observing the warning notes before doing so (> page 207). ► If the coolant needs topping up more often than usual, have the engine coolant system checked at a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Coolant Stop car, turn eng. off</p>	<p>The coolant is too hot.</p> <ul style="list-style-type: none"> <li>► Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. <li>► Make sure that the air supply to the engine radiator is not blocked, e.g. by snow, slush or ice. <li>► Wait until the display message disappears before restarting the engine. Otherwise, there is a risk of engine damage. <li>► Pay attention to the coolant temperature display. <li>► If the temperature increases again, visit a qualified specialist workshop immediately. <p>The poly-V-belt may have torn.</p> <ul style="list-style-type: none"> <li>► Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. <li>► Open the bonnet. <li>► Check whether the poly-V-belt is torn. <p>If the poly-V-belt is torn:</p> <ul style="list-style-type: none"> <li>! do not continue driving. The engine could otherwise overheat. <li>► Consult a qualified specialist workshop. <p>If the poly-V-belt is OK:</p> <ul style="list-style-type: none"> <li>► Wait until the display message disappears before restarting the engine. Otherwise, there is a risk of engine damage. <li>► Pay attention to the coolant temperature display. <li>► Visit a qualified specialist workshop.
	<p>The fan motor is faulty.</p> <ul style="list-style-type: none"> <li>► If the coolant temperature is less than 120 °C, you can continue driving to the nearest qualified specialist workshop. <li>► Avoid subjecting the engine to heavy loads, e.g. driving in mountainous terrain, and stop-start driving.

Display messages	Possible causes/consequences and ► Solutions
	<p>The battery is not being charged.</p> <p>Possible causes are:</p> <ul style="list-style-type: none"> • a faulty alternator • a torn poly-V-belt • a malfunction in the electronics <p>► Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions.</p> <p>► Open the bonnet.</p> <p>► Check whether the poly-V-belt is torn.</p> <p>If the poly-V-belt is torn:</p> <p>! do not continue driving. The engine could otherwise overheat.</p> <p>► Consult a qualified specialist workshop.</p> <p>If the poly-V-belt is OK:</p> <p>► Visit a qualified specialist workshop.</p>
	<p>The on-board voltage is too low.</p> <p>► Start the engine.</p> <p>► Switch off electrical consumers that are not required.</p>
	<p>The on-board voltage is too high.</p> <p>► Have the alternator checked at a qualified specialist workshop.</p>
 <p>Engine oil level Check level</p>	<p>Vehicles with a petrol engine: the oil level is too low.</p> <p>► Check the oil level (▷ page 205).</p> <p>► If necessary, top up the engine oil (▷ page 207).</p> <p>► Have the engine checked for leaks if the engine oil needs topping up more often than usual.</p>
 <p>Add 1.0 litre of engine oil when next refuelling</p>	<p>Vehicles with a diesel engine: the oil level is too low.</p> <p>► Check the oil level (▷ page 205).</p> <p>► If necessary, top up the engine oil (▷ page 207).</p> <p>► Have the engine checked for leaks if the engine oil needs topping up more often than usual.</p>

Display messages	Possible causes/consequences and ► Solutions
 <p>Engine oil level Stop car, turn eng. off</p>	<p>Vehicles with a diesel engine: the oil level is too low. There is a risk of engine damage.</p> <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. ► Apply the parking brake. ► Top up the engine oil (► page 207) and check the oil level (► page 205).
 <p>Engine oil level Reduce oil level</p>	<p>Vehicles with a diesel engine: you have added too much engine oil. There is a risk of damage to the engine or to the catalytic converter.</p> <ul style="list-style-type: none"> ► Have the excess oil siphoned off at a qualified specialist workshop. Observe the legal requirements.
 <p>Cannot measure oil level</p>	<p>Vehicles with a diesel engine: the measuring system is faulty.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Engine oil pres- sure Stop car, turn eng. off</p>	<p>Vehicles with a petrol engine: the oil pressure is too low. There is a risk of engine damage.</p> <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. ► Apply the parking brake. ► Check the oil level (► page 205). ► If necessary, top up the engine oil (► page 207).
 <p>Reserve fuel level</p>	<p>The fuel level has dropped into the reserve range.</p> <ul style="list-style-type: none"> ► Refuel at the nearest filling station.
	<p>There is only a very small amount of fuel in the fuel tank.</p> <ul style="list-style-type: none"> ► Refuel at the nearest filling station without fail.
 <p>Clean fuel filter</p>	<p>Vehicles with a diesel engine: there is water in the fuel filter. The water must be drained off.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.

Driving systems	
Display messages	Possible causes/consequences and ► Solutions
Park Assist cancelled	The driver's door is open and the driver's seat belt has not been fastened. ► Repeat the parking process with the seat belt fastened and the driver's door closed.
	You have inadvertently touched the multifunction steering wheel while steering intervention was active.
	The vehicle has started to skid and ESP® has intervened. ► Use Active Park Assist again later (► page 136).
Park Assist inoperative	You have just performed a large number of turning or parking manoeuvres. Active Park Assist will become available again after approximately 10 minutes (► page 136). ► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. ► Switch off and restart the engine. ► If the warning message does not disappear: consult a qualified specialist workshop.
	PARKTRONIC is faulty. ► Visit a qualified specialist workshop.
	 SPEEDTRONIC inoperative ► Visit a qualified specialist workshop.
120 km/h Maximum speed exceeded	The maximum speed has been exceeded ³⁰ . ► Drive slower.

³⁰ Only for certain countries.

Tyres	
Display messages	Possible causes/consequences and ► Solutions
Tyre pressure Check tyres	<p> Risk of accident</p> <p>The tyre pressure loss warning system has detected a significant loss in pressure.</p> <ul style="list-style-type: none"> ► Stop the vehicle without making any sudden steering or braking manoeuvres. Pay attention to the traffic conditions as you do so. ► Check the tyres and, if necessary, change the wheel (▷ page 242). ► Check the tyre pressures and, if necessary, set to the correct tyre pressure. ► Restart the tyre pressure loss warning system when the tyre pressure is correct (▷ page 241).
Check tyres Then restart Run Flat Indicator	<p>The tyre pressure loss warning system generated a display message and has not been restarted since.</p> <ul style="list-style-type: none"> ► Set the correct tyre pressure in all four tyres. ► Restart the tyre pressure loss warning system (▷ page 241).
Run Flat Indicator inoperative	<p>The tyre pressure loss warning system is faulty.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.

Vehicle	
Display messages	Possible causes/consequences and ► Solutions
Shift to N to start	<p>You have attempted to start the engine with the transmission in position R or D.</p> <p>► Shift the transmission to position P or N.</p>
Transmission Consult workshop	<p>The multifunction display additionally shows an F in the transmission position display.</p> <p>Safe operation of AUTOTRONIC can no longer be fully guaranteed.</p> <p>► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions.</p> <p>► Shift the transmission to position P.</p> <p>► Turn the key to position 0 in the ignition lock.</p> <p>► Wait at least 10 seconds before restarting the engine.</p> <p>► Shift the transmission to position D or R.</p> <p>► Drive on carefully.</p> <p>► Have the transmission checked immediately at a qualified specialist workshop.</p>
	<p>The tailgate is open.</p> <p>► Close the tailgate.</p>
	<p>At least one door is open.</p> <p>► Close all doors.</p>
No Service	<p>Your vehicle is outside the network provider's transmitter/receiver range.</p> <p>► Wait until the mobile phone operational readiness symbol appears in the multifunction display.</p>
 Enter PIN	<p>You have not yet logged on to your mobile phone.</p> <p>► Enter the PIN for the SIM card.</p>
 Bluetooth ready	<p>The Bluetooth® connection between your mobile phone and the audio system or COMAND APS is not activated.</p> <p>► If desired, activate the Bluetooth® connection between the mobile phone and the audio system or COMAND APS (see the separate operating instructions).</p>
 No telephone	<p>Your mobile phone is not inserted in the bracket.</p> <p>► Insert the mobile phone into the bracket (> page 201).</p>

Display messages	Possible causes/consequences and ► Solutions
 <p>Top up washer fluid</p>	<p>Vehicles with bi-xenon headlamps: the washer fluid level in the washer fluid reservoir has dropped below the minimum.</p> <p>► Top up the washer fluid (► page 208).</p>
 <p>Power steering malfunction See Owner's Manual</p>	<p> Risk of accident</p> <p>There is no power assistance for the steering. You will need to use more force to steer.</p> <p>STEER CONTROL is also deactivated.</p> <p>► Check whether you are able to apply the extra force required.</p> <p>► If you are able to steer safely: carefully drive on to a qualified specialist workshop.</p> <p>► If you are unable to steer safely: do not drive on. Contact the nearest qualified specialist workshop.</p>

Key

Display messages	Possible causes/consequences and ► Solutions
 <p>Key does not belong to vehicle</p>	<p>You have put the wrong key in the ignition lock.</p> <p>► Use the correct key.</p>
 <p>You need a new key</p>	<p>The key needs to be replaced.</p> <p>► Visit a qualified specialist workshop.</p>

Warning and indicator lamps in the instrument cluster

Brakes

Problem	Possible causes/consequences and ► Solutions
 <p>The red brake system warning lamp comes on while the vehicle is moving. A warning tone also sounds.</p>	<p>You are driving with the parking brake applied.</p> <ul style="list-style-type: none"> ► Release the parking brake <p>The warning lamp goes out and the warning tone ceases.</p>
 <p>The red brake system warning lamp comes on while the engine is running. A warning tone also sounds.</p>	<p> Risk of accident</p> <p>There is not enough brake fluid in the brake fluid reservoir.</p> <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. ► Apply the parking brake. ► Consult a qualified specialist workshop immediately. ► Observe the additional display messages in the multifunction display. <p>Do not top up the brake fluid. This does not correct the error.</p>

Seat belts

Problem	Possible causes/consequences and ► Solutions
 <p>The red seat belt warning lamp lights up for six seconds after the engine starts³¹.</p>	<p>The seat belt warning lamp reminds the driver and front passenger to fasten their seat belts.</p> <ul style="list-style-type: none"> ► Fasten your seat belt (► page 35).
 <p>After starting the engine, the red seat belt warning lamp lights up. In addition, a warning tone sounds for up to 6 seconds.³¹</p>	<p> Risk of injury</p> <p>The driver's seat belt is not fastened.</p> <ul style="list-style-type: none"> ► Fasten your seat belt (► page 35). <p>The warning tone ceases.</p>

³¹ Only for certain countries.

Problem	Possible causes/consequences and ► Solutions
 <p>The red seat belt warning lamp lights up after the engine starts, as soon as the driver's or the front-passenger door is closed.</p>	<p> Risk of injury</p> <p>The driver or front passenger has not fastened their seat belt.</p> <ul style="list-style-type: none"> ► Fasten your seat belt (▷ page 35). The warning lamp goes out. <p> Risk of injury</p> <p>There are objects on the front-passenger seat.</p> <ul style="list-style-type: none"> ► Remove the objects from the front-passenger seat and stow them in a secure place. The warning lamp goes out.
 <p>The red seat belt warning lamp flashes and an intermittent audible warning sounds.</p>	<p> Risk of injury</p> <p>The driver or front passenger has not fastened their seat belt. At the same time, you are driving faster than 25 km/h or have briefly driven faster than 25 km/h.</p> <ul style="list-style-type: none"> ► Fasten your seat belt (▷ page 35). The warning lamp goes out and the intermittent audible warning ceases. <p> Risk of injury</p> <p>There are objects on the front-passenger seat. At the same time, you are driving faster than 25 km/h or have briefly driven faster than 25 km/h.</p> <ul style="list-style-type: none"> ► Remove the objects from the front-passenger seat and stow them in a secure place. The warning lamp goes out and the intermittent audible warning ceases.

Safety systems

Problem	Possible causes/consequences and ► Solutions
 <p>The yellow ABS warning lamp is lit while the engine is running.</p>	<p> Risk of accident</p> <p>ABS (Anti-lock Brake System) has been deactivated due to a fault. Therefore, ESP® (Electronic Stability Program), BAS (Brake Assist), STEER CONTROL, hill start assist and the tyre pressure loss warning system, for example, are also deactivated.</p> <p>The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.</p> <ul style="list-style-type: none"> ► Observe the additional display messages in the multifunction display. ► Drive on carefully. ► Visit a qualified specialist workshop. <p>If the ABS control unit is faulty, there is also a possibility that other systems, such as the navigation system or the automatic transmission, will not be available.</p>
 <p>The yellow ABS warning lamp is lit while the engine is running.</p>	<p> Risk of accident</p> <p>The on-board voltage is too low. ABS has been deactivated due to undervoltage.</p> <p>Therefore, ESP®, BAS, STEER CONTROL, hill start assist and the tyre pressure loss warning system, for example, are also deactivated.</p> <p>The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.</p> <ul style="list-style-type: none"> ► Switch off consumers that are not required, e.g. the rear window heating or interior lighting. <p>ABS will be available again as soon as the vehicle's on-board electrical system voltage increases.</p> <p>If the warning lamp is still on:</p> <ul style="list-style-type: none"> ► Have the battery and alternator checked at a qualified specialist workshop.

Problem	Possible causes/consequences and ► Solutions
 <p>The yellow ESP[®] warning lamp flashes while the vehicle is in motion.</p>	<p> Risk of accident</p> <p>ESP[®] or traction control has intervened because there is a risk of skidding or at least one wheel has started to spin.</p> <ul style="list-style-type: none"> ► Only depress the accelerator pedal as far as necessary when pulling away. ► Release the accelerator pedal while the vehicle is in motion. ► Adapt your driving style to suit the road and weather conditions.
 <p>The yellow ESP[®] warning lamp is lit while the engine is running.</p>	<p> Risk of accident</p> <p>ESP[®] is not available due to a malfunction. ESP[®] will not stabilise the vehicle if it starts to skid or if a wheel starts to spin.</p> <p>The following systems have also been deactivated:</p> <ul style="list-style-type: none"> • ABS and BAS • the steering assistant STEER CONTROL • hill start assist • the tyre pressure loss warning system <p>The brake system continues to function normally, but without the functions listed above. The wheels could therefore lock if you brake hard, for example.</p> <ul style="list-style-type: none"> ► Observe the additional display messages in the multifunction display. ► Drive on carefully. ► Visit a qualified specialist workshop.
 <p>The red SRS warning lamp is lit while the engine is running.</p>	<p> Risk of injury</p> <p>The restraint systems are malfunctioning. The airbags or belt tensioners may either be triggered unintentionally or, in the event of an accident, not be triggered at all.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Visit a qualified specialist workshop immediately.
 <p>The red SRS warning lamp is lit while the engine is running. In addition, the  PASSENGER AIRBAG OFF indicator lamp flashes in the centre console and a warning tone sounds.</p>	<p>The electrical connector on the removable front-passenger seat is detached.</p> <ul style="list-style-type: none"> ► Attach the connector to the coupling on the seat (▷ page 187).

Engine	
Problem	Possible causes/consequences and ► Solutions
 <p>The yellow engine diagnostics warning lamp lights up while the engine is running.</p>	<p>There may be a fault, for example:</p> <ul style="list-style-type: none"> • in the engine management • in the fuel injection system • in the exhaust system • in the ignition system (for vehicles with petrol engines) • the fuel system <p>The emission limit values may be exceeded and the engine may be running in emergency mode.</p> <p>► Have the vehicle checked as soon as possible at a qualified specialist workshop.</p>
 <p>The yellow engine diagnostics warning lamp lights up while the engine is running.</p>	<p>Vehicles with a diesel engine: the fuel tank has been run dry (▷ page 122).</p> <p>► Start the engine three to four times after refuelling. If the yellow engine diagnostics warning lamp goes out, emergency running mode is cancelled. The vehicle need not be checked.</p>
<p>The yellow reserve fuel warning lamp lights up while the engine is running.</p>	<p>The fuel level has dropped into the reserve range.</p> <p>► Refuel at the nearest filling station.</p>

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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Loading guidelines

⚠ Risk of injury

Secure and position the load as described in the loading guidelines.

Otherwise, vehicle occupants could be injured by the load being thrown around in the event of sharp braking, a sudden change in direction or an accident.

You will find further information in the "Securing a load" section.

Even if you follow all the loading guidelines, the load will increase the risk of injury in the event of an accident.

⚠ Risk of poisoning

Keep the tailgate closed when the engine is running. Otherwise, you could be poisoned by exhaust fumes entering the vehicle.

The handling characteristics of a laden vehicle are dependent on the distribution of the load within the vehicle. For this reason, you should observe the following notes when transporting a load:

- when transporting a load, never exceed the maximum permissible gross vehicle weight or the permissible axle loads for the vehicle (including occupants).
- position heavy loads as far forwards as possible and as low down in the luggage compartment as possible.

- the load must not protrude above the upper edge of the seat backrests.
- always place the load against the rear seat backrests or the seat cushions if these have been folded forwards.
- the maximum load capacity of the stowage well under the luggage compartment floor is 25 kg.
- always place the load behind unoccupied seats if possible.
- secure the load with sufficiently strong and wear-resistant lashing material. Pad sharp edges for protection.

i Load restraints are available at any qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

! Do not position the load on one part of the folding luggage compartment floor only. The maximum load capacity of the folding luggage compartment floor is 100 kg. Spread the weight evenly to avoid damaging the luggage compartment floor. Place a solid board under the load if necessary. Please note that the load on the luggage compartment floor will be increased when the load is lashed down.



① Rear sill protector

! Do not sit or stand on the loading sill when loading. Never place any heavy loads on the loading sill. This can cause serious and permanent damage to the bumper. The loading sill protector serves only to protect the painted surface.

Stowage areas

Stowage compartments

Important safety notes

⚠ Risk of injury

The stowage compartments must be closed when items are stored in them. Luggage nets are not designed to secure heavy items of luggage.

You or other vehicle occupants could be injured by objects being thrown around if you:

- brake sharply
- change direction suddenly
- are involved in an accident

Sharp-edged and fragile objects must not be placed in the luggage net.

Front stowage compartments

Glove compartment

i Depending on the vehicle's equipment, you will find an AUX-IN jack or a Media Interface installed in the glove compartment. A Media Interface is a universal interface for portable audio equipment, e.g. for an iPod® or USB device (see the separate Audio or COMAND APS operating instructions).

i The glove compartment flap contains stowage spaces for coins, pens, and credit and service cards.

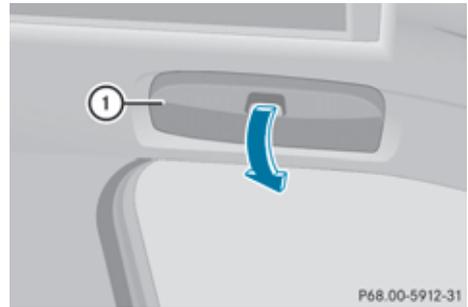
i The glove compartment can be ventilated (▷ page 103).



- ▶ **To open:** pull handle ① and open the glove compartment flap.
- ▶ **To close:** fold the glove compartment flap upwards until it engages.

Spectacles compartment

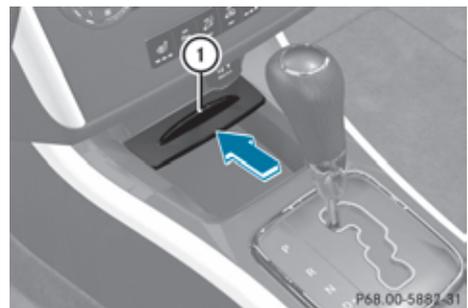
There is a spectacles compartment in the roof lining on the driver's side.



- ▶ **To open:** pull down spectacles compartment ① by the handle.

Stowage compartment in the centre console

If your vehicle is not equipped with the smoker's package, a stowage compartment with a 12 V power socket is fitted in place of the ashtray.



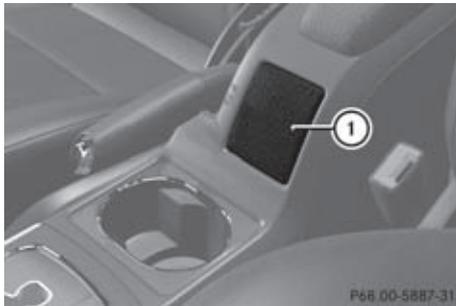
- ▶ **To open:** slide cover ① forwards.

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P68.00-5912-31

P68.00-5881-31

Stowage compartment/telephone compartment under the armrest



- ▶ **To open:** press lightly on the cover of stowage compartment ①.
Stowage compartment ① opens.

Stowage boxes under the front seats

The stowage boxes can bear a maximum load of 2.5 kg.



The illustration shows the driver's seat

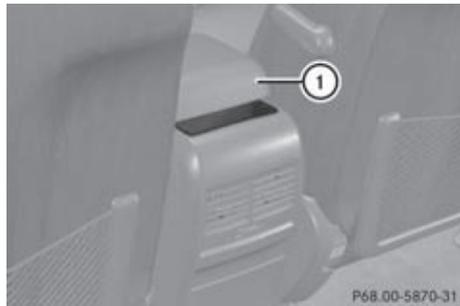
- ▶ **To open:** raise the stowage box slightly and pull it out using recessed handle ①.

Rear stowage compartments

Stowage compartment under the rear armrest

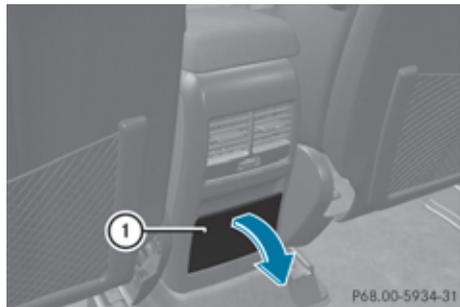
Risk of injury

Make sure that nobody can become trapped when you slide the armrest.



- ▶ **To open:** slide armrest ① forwards.

Stowage compartment in the rear compartment



- ▶ **To open:** pull out the top of stowage compartment ① by the edge of the handle.

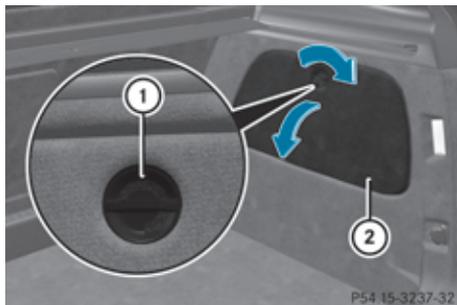
Stowage compartments in the luggage compartment

Risk of injury

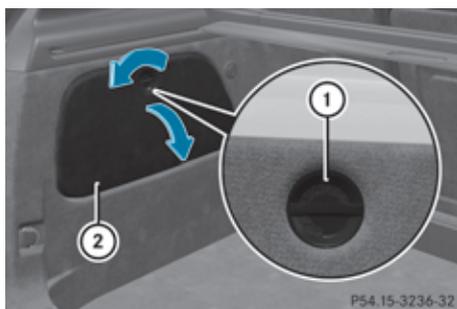
The stowage boxes can bear a maximum load of 1.5 kg. The objects in the left-hand stowage compartment should only be placed in the designated spaces and secured using the appropriate holders. Otherwise, the stowage compartment could open and you and other vehicle occupants could be injured by objects being thrown around in the event of sharp braking, a sudden change in direction or an accident.

The stowage compartments are located in the luggage compartment on the left and right-hand sides.

- i** The left-hand storage compartment contains the first-aid kit, the warning triangle and TIREFIT.



Right-hand storage compartment



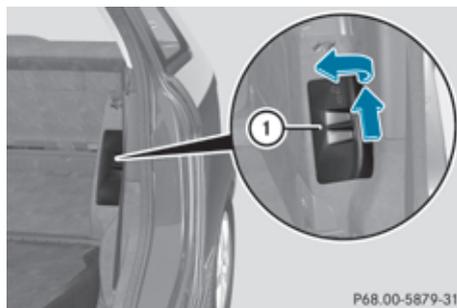
Left-hand storage compartment

- ▶ To open:** turn handle ① in the direction of the arrow and fold down cover ②.

Storage compartment behind the backrest

The storage compartment is located behind the left-hand backrest.

- i** The jack, the wheel chock and the vehicle tool kit are located in the storage compartment.



- ▶ To open:** fold the left backrest forwards (▷ page 191).
- ▶ Slide cover ① up and to the side.**

Luggage nets

Risk of injury

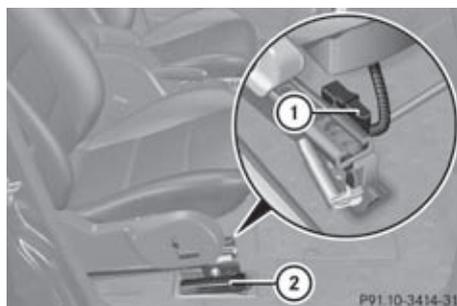
Only place lightweight objects in the luggage net. Do not use it to transport heavy, sharp-edged or fragile objects. The luggage net cannot secure the objects sufficiently in the event of an accident.

Luggage nets are located in the front-passenger footwell and on the back of the driver's and the front-passenger seat.

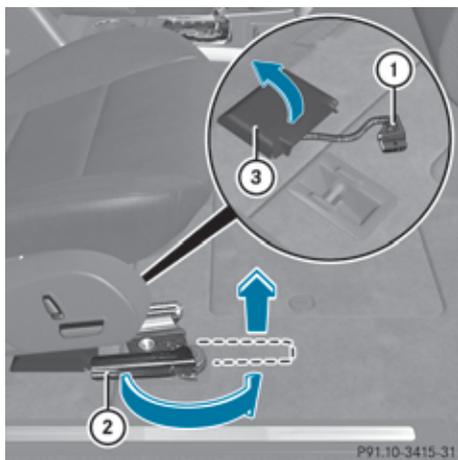
Removable front-passenger seat

Removing the front-passenger seat

- !** To avoid damage, the head restraint must be pushed in fully before the front-passenger seat is removed.



- ❗ Do not operate the lever until you have pulled out the connector. Operating the lever will otherwise cause damage to mechanical and electronic components.
- ▶ Move the front-passenger seat to its rear-most position.
- ▶ Disconnect connector ①.
- A signal sounds. The lock for lever ② is released. If the engine is running, the  PASSENGER AIRBAG OFF indicator lamp flashes and the **SRS** warning lamp lights up after a short time.
- ▶ Move the front-passenger seat to its centre position.
- It is only possible to remove the seat without tilting it when it is in this position.
- ▶ Place connector ① under the seat in such a way that the hose does not get caught on the seat frame.



- ▶ Swing lever ② forwards and pull upwards. The seat slides out of the front mounting cups.
- ▶ Take hold of the seat at the back of the backrest and at the front edge of the seat cushion.
- ▶ Guide the seat through the front-passenger door opening.

- ▶ Open cable box ③ and place connector ① inside.
- ▶ Close cable box ③.

Risk of injury

The front-passenger seat which has been removed contains an active sidebag. Do not attach a power source to the connector on the seat, otherwise the airbag could inflate. Store the seat out of the reach of children.

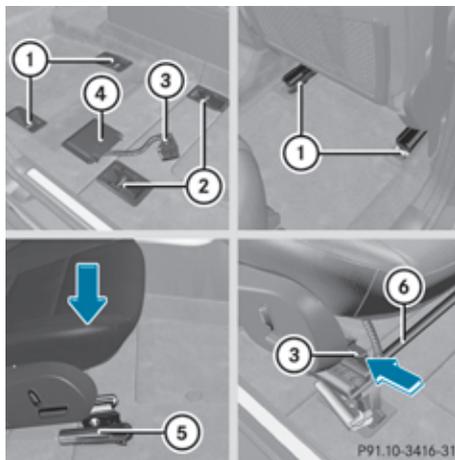
Fitting the front-passenger seat

Risk of injury

The mounting cups must be free from dirt and other items in order for the front-passenger seat to engage securely.

You must connect up the connector, so that the front-passenger airbag can deploy in the event of an accident.

If it is not connected and the engine is running, the  PASSENGER AIRBAG OFF warning lamp flashes and the **SRS** warning lamp lights up after a short time.



- ① Rear mounting cups
- ② Front mounting cups
- ③ Connector
- ④ Cable box

- ⑤ Lever
- ⑥ Seat frame
- ▶ Take connector ③ out of cable box ④ and place it at the front.
- ▶ Take hold of the seat at the back of the backrest and at the front edge of the seat cushion.
- ▶ Guide the seat through the front-passenger door opening.
- ▶ Move the seat into position over the mounting cups.
- ▶ Insert the seat hook into rear mounting cups ①.
- ▶ Push the front of the seat down until it engages.
Lever ⑤ springs back to its starting position. Only then is the seat correctly locked in position.
- ▶ Route connector ③ over seat frame ⑥.
- ▶ Insert connector ③ into the coupling on the seat.

Risk of injury

Before starting off, make sure that the seat has engaged properly.

Folding backrest on the front-passenger seat



- ▶ **To fold forward:** press the backrest back slightly.
- ▶ Pull release handle ① and fold the backrest fully onto the seat cushion until it engages.
- ▶ **To fold back:** push the backrest down slightly and pull release handle ①.
- ▶ Fold the seat backrest back until it engages.

Through-loading facility

Opening/closing the through-loading facility

Risk of injury

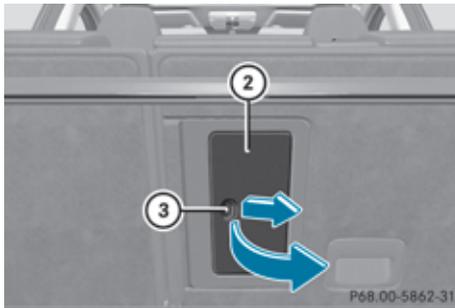
Do not transport unsecured objects in the through-loading facility.

Otherwise, you and other vehicle occupants could be injured by objects being thrown around the vehicle in the event of sharp braking, a sudden change in direction or an accident.

To enable you to use the maximum through-loading opening and to prevent the armrest from becoming dirty or being damaged by the load, the armrest should be removed (> page 190).



- ▶ **To open:** fold down seat armrest ①.

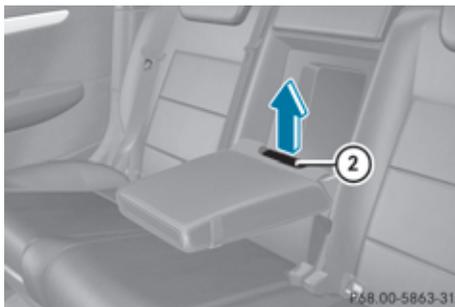


- ▶ Slide locking mechanism ③ in the direction of the arrow.
- ▶ Swing cover ② to the side.
Cover ② is held open by a magnet.
- ▶ **To close:** swing cover ② in the luggage compartment back until it engages.
- ▶ Fold the armrest up fully if necessary.

Removing the armrest



- ▶ Fold down armrest ①.



- ▶ Pull release handle ② upwards and hold it securely.
- ▶ Pull armrest ① out towards the front.
Hold the side of armrest ① as you do this, otherwise the cup holders open.
- ① Release handle ② remains in the open position after armrest ① has been removed.
- ⚠ Do not press the release handle down when the armrest has been removed, otherwise the armrest mechanism could be damaged.

Fitting the armrest



- ▶ Align the armrest.
- ▶ Slide the armrest back until it engages.
The release handle drops down. Ensure that red surface ① of the release handle is no longer visible. Only then is the armrest locked in place.

⚠ Risk of injury

The armrests must be locked in position when the vehicle is being driven.

Otherwise, vehicle occupants could be injured by the armrest being thrown around in the event of sharp braking, a sudden change in direction or an accident.

Nobody should travel in the vehicle sitting in the centre position in the rear compartment if the armrest has been removed.

- ❗ Do not close the armrest unless it has been locked in position, otherwise the armrest mechanism could be damaged.

Enlarging the luggage compartment

Important safety notes

⚠ Risk of injury

Make sure that nobody can become trapped as you fold the backrests forward.

- ❗ To prevent damage, before the backrests are folded forward:

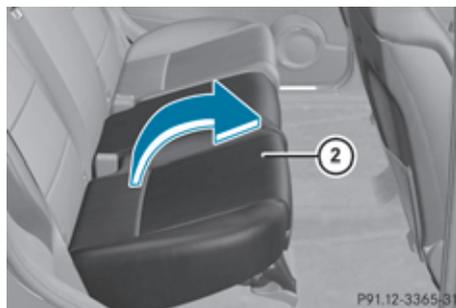
- the head restraints must be pushed in fully.
- the front seats must be as far forwards as possible.
- the seat cushions must be folded forward or removed.

The left-hand and right-hand rear seat backrests can be folded forwards separately to increase the luggage compartment capacity.

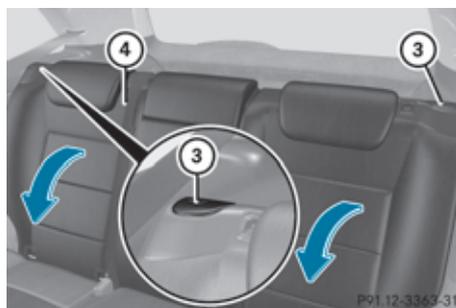
Folding the rear bench seat forwards



- ▶ Insert the seat belt into belt retainer (1).

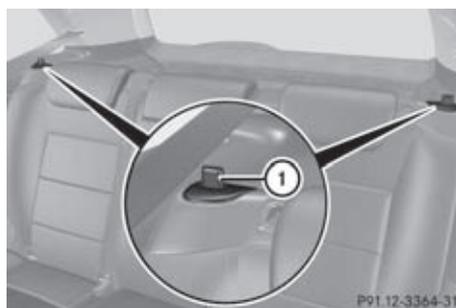


- ▶ Fold left-hand or right-hand seat cushion (2) forward.



- ▶ Pull left-hand or right-hand release handle (3) on backrest. Corresponding seat backrest (4) is released.
- ▶ Fold the backrest forwards until it rests on the hinge fixtures.
- ▶ Move the front seats to the desired positions.

Folding back the rear bench seat



- ▶ Fold the backrest back until it engages. Red lock verification indicator ① is no longer visible.

! Make sure that the seat belt does not become trapped when folding the rear seat backrest back. Otherwise, it could be damaged.

- ▶ Swing the seat cushion back.
- ▶ Adjust the head restraints if necessary (▷ page 71).
- ▶ Move the front seats to the desired positions.

If red lock verification indicator ① is visible, this means that the backrest is not engaged.

Risk of injury

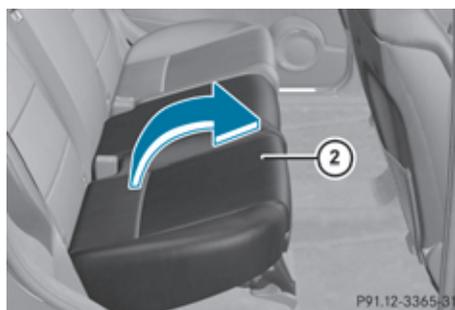
Make sure that the seat backrest is correctly engaged. The red lock verification indicators on the left and right sides should no longer be visible. If they are visible, the backrests are not locked in position.

Occupants could otherwise be injured in the event of an accident, e.g. by objects being thrown forwards through the vehicle interior from the luggage compartment.

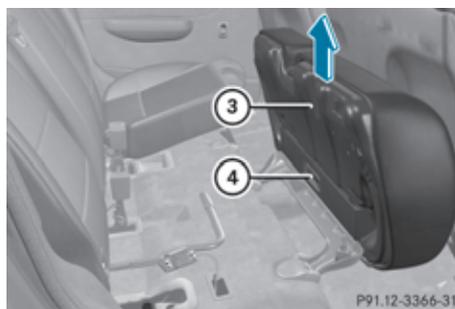
Removing the seat cushions



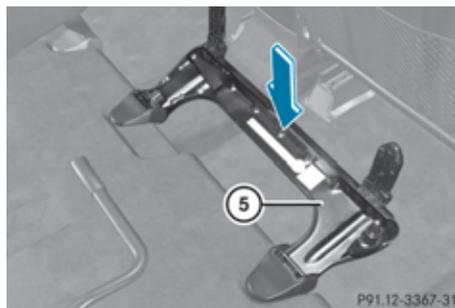
- ▶ Insert the seat belt into seat-belt extender ①.



- ▶ Fold the left-hand or right-hand seat cushion ② forward.



- ▶ Grasp release handle ④ and pull seat cushion ③ upwards.
- ▶ Remove seat cushion ③.



- ▶ If the backrest is to be removed: fold down hinge ⑤.

If the backrest is only to be folded down: leave hinge ⑤ as a support for the backrest in the position shown above.

i Vehicles with a TIREFIT kit or the "Minispare" emergency spare wheel:

You can store the seat cushions under the variable luggage compartment floor.

! Vehicles with spare wheel, loudspeaker system or sound system:

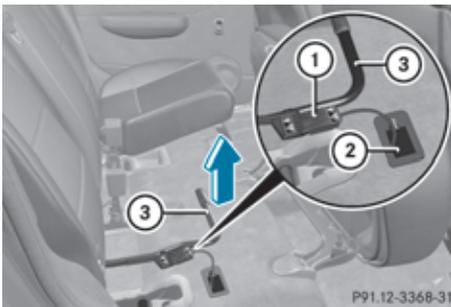
You cannot store any seat cushions under the variable luggage compartment floor.

Fitting the seat cushions

- ▶ Fold hinge ⑤ upwards if necessary. Only then can the seat cushion be slid in.
- ▶ Slide the seat cushion onto the fixtures until it engages.
- i** For easier alignment of the cushions, observe the arrows on the rear of the seat cushions.
- ▶ Swing the seat cushion back.

Removing the backrest

- ▶ Fold the seat cushion forward (> page 192).

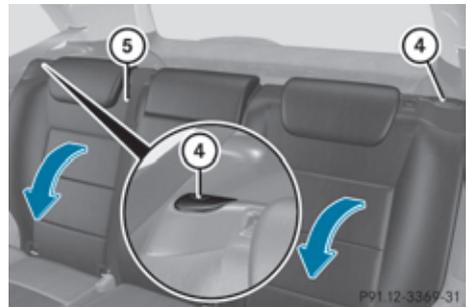


Warning symbol on the connector of the rear seat belt status indicator

- ▶ Press seat belt buckle ① on the grooved surface and remove seat belt buckle ① from holder ③.

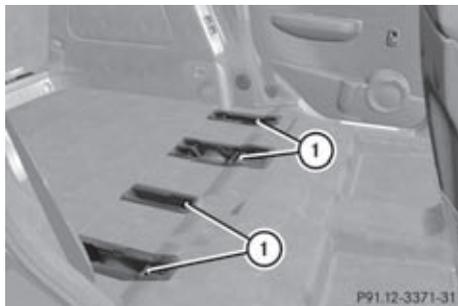
i When the ignition is switched on, a message is displayed for the corresponding rear seats in the upper multifunction display. If, for example, both connectors are removed, the message:  **No rear seat belt engaged** appears.

- ▶ Stow connector ① in connector holder ② in the vehicle floor.
- ▶ Pull lever ③ upwards and hold it securely.

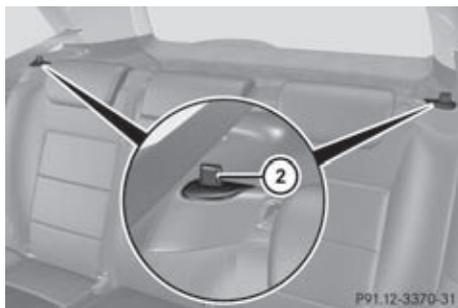


- ▶ Pull left-hand or right-hand release handle ④ on backrest ⑤. Corresponding seat backrest ⑤ is released.
- ▶ Fold backrest ⑤ forwards past the vertical to an angle of approximately 20°.
- ▶ Hold backrest ⑤ with your free hand and lift the backrest by pulling lever ③.
- i** For greater convenience, there is a recess on the rear of the 2/3 backrest which makes it easier to grasp the backrest.
- ▶ Remove backrest ⑤ from the vehicle through the rear door.

Fitting the backrest



- ▶ Place the backrest, starting with the seat's front feet, onto the locking bolts in recesses ①.



- ▶ Fold the backrest back until it engages. Red lock verification indicator ② is no longer visible.
- ▶ Make sure that the lever is lying flat on the vehicle floor.
- ▶ Take the connector out of the recesses on the vehicle floor.
- ▶ Insert the connector back into the lever until you hear it engage.
- i** Make sure that you insert the connector correctly into the lever, as the instrument cluster will otherwise no longer inform you whether the rear seat belts are fastened.
- ▶ Fit the seat cushions as required.
- ▶ Swing the seat cushion back.
- ▶ Adjust the head restraints if necessary (> page 71).

If red lock verification indicator ② is visible, this means the backrest is not engaged.

Risk of injury

Make sure that the seat backrest is correctly engaged. The red lock verification indicators on the left and right sides should no longer be visible. If they are visible, the backrests are not locked in position.

Occupants could otherwise be injured in the event of an accident, e.g. by objects being thrown forwards through the vehicle interior from the luggage compartment.

- ▶ Fold back the seat cushion.

Securing a load

Lashing eyelets

Risk of injury

Distribute the load on the lashing eyelets evenly.

Otherwise, vehicle occupants could be injured by objects being thrown around if you:

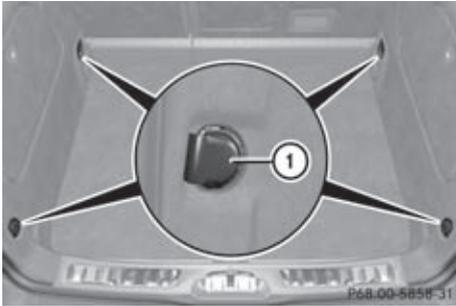
- brake sharply
- change direction suddenly
- are involved in an accident

Please observe the loading guidelines.

Observe the following notes on securing loads:

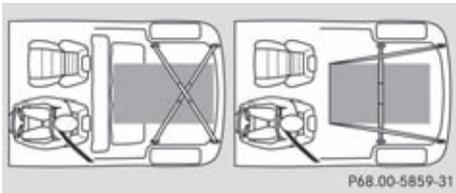
- secure the load using the lashing eyelets.
- do not use elastic straps or nets to secure a load, as these are only intended as an anti-slip protection for light loads.
- do not route lashing materials across sharp edges or corners.
- pad sharp edges for protection.

Securing loads in the luggage compartment



- Secure the load using lashing eyelets ① or the mounting cups for the seats, if the seats have been removed.

Securing a load when the seats have been removed



Rear seat removed

- Guide the load restraints in a cross pattern over the load, as shown in the illustration.
- Secure the load using the lashing eyelets or the mounting cups on the seats.

Risk of injury

Always stow the load so that it does not interfere with driving the vehicle.

Avoid obstructing the driver's line-of-sight. The load must not protrude above the upper edge of the door trim if the front-passenger seat has been removed.

Pad sharp edges for protection. This will reduce the risk of lacerations and prevent the load restraints from wearing.

Observe the following notes:

- the load must not protrude above the upper edge of the door trim.
- long loads may only be placed low down and towards the front of the front-passenger footwell.

- ❗ Load restraints must not be fastened to the front right-hand mounting cup. Otherwise, the contact switch for the front-passenger seat could be damaged.

Securing a light load using a retaining net

- Place the retaining net over the load.
- Engage the retaining net hooks in the lashing eyelets.

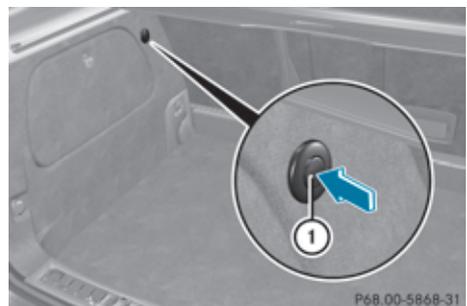
Bag hook

Risk of injury

Only hang light loads on the bag holders. Do not use them to transport heavy, sharp-edged or fragile objects. When braking sharply, changing direction quickly or in the event of an accident, the bag hooks will not secure the items sufficiently. This could result in injury to yourself or others.

- ❗ The bag hook can bear a maximum load of 5 kg. Do not use it to secure a load.

There is a bag hook in the luggage compartment on the left-hand side.



- **To open:** press bag hook ① in the direction of the arrow.
Bag hook ① slides out.
- **To close:** press bag hook ① until it engages.

Luggage compartment cover

Important safety notes

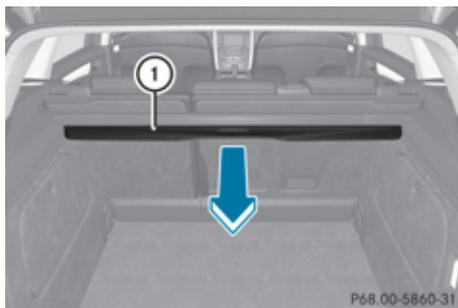
Risk of accident and injury

The luggage compartment cover is not a restraint system. Secure the load under the luggage compartment cover by suitable means. Make sure that the luggage compartment cover is engaged securely. If luggage is not sufficiently secured, it can be thrown over the backrest into the passenger compartment, for instance during heavy braking, sudden changes of direction or in the event of an accident. You could cause an accident or cause injury to yourself and others.

- ❗ When loading the vehicle, make sure that you do not stack the load in the luggage compartment higher than the lower edge of the side windows. Do not place heavy objects on top of the luggage compartment cover.

The luggage compartment cover is located behind the rear bench seat backrest.

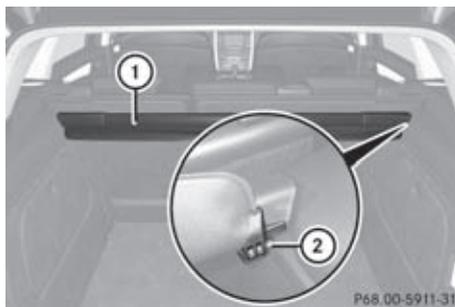
Extending and retracting the luggage compartment cover



- ▶ **To extend:** pull luggage compartment cover ① back and clip it into the retainers on the left and right.
- ▶ **To retract:** unhook luggage compartment cover ① from the retainers on the left and right and guide it forwards by the grab handle until it is fully retracted.

- ❗ You can fold up the part of the luggage compartment cover which remains visible.

Fitting/removing the luggage compartment cover



- ▶ **To remove:** make sure that luggage compartment cover ① is rolled up.
- ▶ Press handle ② on the right underside to the left.
- ▶ Remove luggage compartment cover ①.
- ▶ **To fit:** attach luggage compartment cover ① to the opening on the left-hand side.
- ▶ Press handle ② to the right.
- ▶ Allow luggage compartment cover ① to engage in the appropriate recess.

EASY-VARIO system

The following functions are combined in the EASY-VARIO system:

- "Removing the backrest" (> page 193)
- "Removable front-passenger seat" (> page 187)
- "Folding backrest on the front-passenger seat" (> page 189), except on vehicles which have electrically adjustable driver and front-passenger seats, and in conjunction with sports seats

Stowage well underneath the luggage compartment floor

Important safety notes

Risk of injury

You should always close the luggage compartment floor if you are transporting objects in the stowage well under the luggage compartment floor.

Otherwise, you and other vehicle occupants could be injured by objects being thrown around the vehicle in the event of sharp braking, a sudden change in direction or an accident.

Warning

Make sure that the stowage compartment is properly closed if you have stowed items in it. In the event of an accident, during heavy braking or a sudden change of direction, items may be thrown around the vehicle interior, causing injury to vehicle occupants.

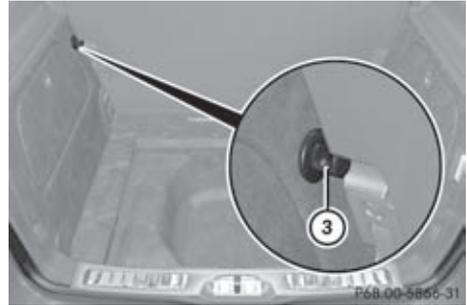
-  The maximum load capacity of the stowage well under the luggage compartment floor is 25 kg.

Opening/closing the luggage compartment floor



-  Make sure that there are no objects on the luggage compartment floor when it is opened, as the luggage compartment floor can otherwise drop to the lowest position.

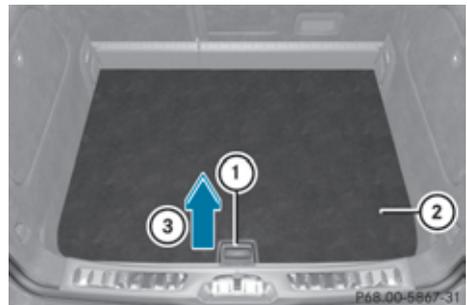
- ▶ **To open:** retract the luggage compartment cover (▷ page 196) and swing the visible part upwards.
- ▶ Pull handle (1) until it is vertical, then swing luggage compartment floor (2) upwards.



- ▶ Press bag hook (3) (▷ page 195). Bag hook (3) slides out.
- ▶ Place luggage compartment floor (2) onto bag hook (3).
- ▶ **To close:** press in bag hook (3) until it engages.
- ▶ Swing the luggage compartment floor downwards.

Setting the height of the luggage compartment floor

The stowage well under the luggage compartment floor can be increased or decreased in size as necessary. To do this, you can lock the floor at two different heights. The upper catch gives a flat load surface when the rear bench seat is folded forward.



- ▶ **To lift:** raise luggage compartment floor ② using handle ① in the direction of arrow ③ and tug it upwards sharply.
- ▶ Lower luggage compartment floor ② again. To do this, push the luggage compartment floor away so that it engages in the guide on the upper level. Luggage compartment floor ② engages in the upper position.
- ▶ **To lower:** raise luggage compartment floor ② slightly using handle ① and tug it briefly towards you.
- ▶ Lower luggage compartment floor ② again slowly. Whilst doing so, press the luggage compartment floor into the lower level. Luggage compartment floor ② engages in the lower position.

Roof carrier

Important safety notes

Risk of accident and injury

An incorrectly secured roof carrier, ski rack or load could become detached from the vehicle. These objects might then be thrown around and could injure you or others or cause an accident. Follow the roof carrier/ski rack manufacturer's installation instructions and special instructions for use.

The roof load raises the vehicle's centre of gravity, thereby affecting vehicle handling. You must always observe the maximum roof load of 75 kg. Always adapt your driving style to the prevailing road, traffic and weather conditions and drive with particular care if the roof is laden.

Risk of injury

Only use the roof carrier when the roof is closed. The roof carrier or the load could endanger the occupants of the vehicle when the roof is open.

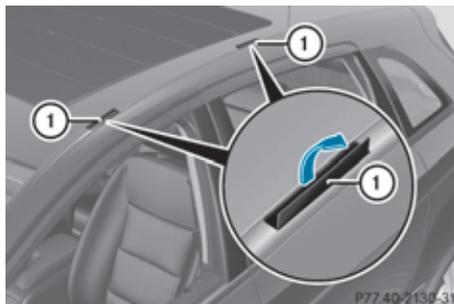
-  Mercedes-Benz recommends that you only use roof carriers that have been tested and approved for Mercedes-Benz vehicles. This helps to prevent damage to the vehicle.

Position the load on the roof carrier in such a way that the vehicle will not sustain damage even when it is in motion.

Depending on the vehicle equipment, ensure that when the roof carrier is fitted you can:

- raise the panorama louvred sliding sunroof fully
- open the tailgate fully

Attaching the roof carrier



- ▶ Fold covers ① upwards.
- ▶ Only secure the roof carrier to the anchor points under covers ①.
- ▶ Observe the manufacturer's installation instructions.

Features

Cup holders

Important safety notes

Risk of injury

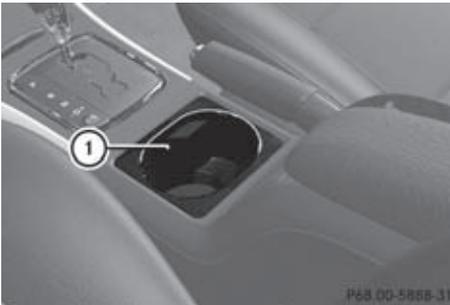
Keep the cup holder closed while the vehicle is in motion. Otherwise, vehicle occupants could be injured by objects being thrown around if you:

- brake sharply
- change direction suddenly
- are involved in an accident

Only use the cup holders for containers of a suitable size and which have lids. Otherwise, the drinks could spill.

Cup holders should not be used for hot drinks. Otherwise, you may scald yourself.

Cup holder in the centre console

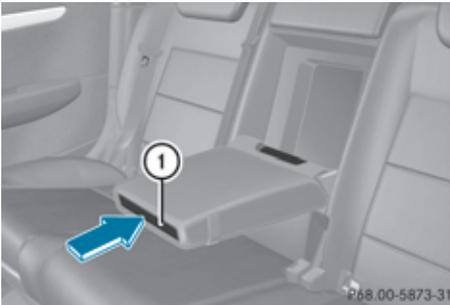


① Cup holders

Cup holder in the rear seat armrest

! Do not sit or lean on the armrest when it is folded down as you could otherwise damage it.

! Do not fold the armrest up unless the cup holder is closed. Otherwise, the cup holder could be damaged.



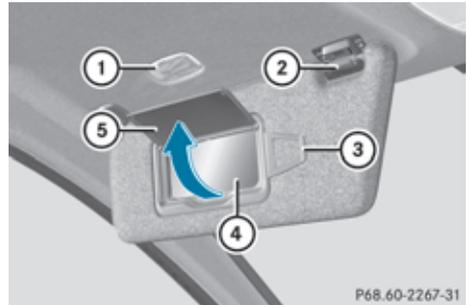
- ▶ Fold down the rear seat armrest.
- ▶ **To open:** press the front of the cup holder. The cup holder extends automatically.

Sun visors

Sun visor overview

Risk of accident

Keep the mirrors in the sun visors covered while driving. You could otherwise be dazzled, which may impair your view of traffic conditions and as a result could cause an accident.



- ① Mirror light
- ② Bracket
- ③ Retaining clip, e.g. for a car park ticket
- ④ Vanity mirror
- ⑤ Mirror cover

Vanity mirror in the sun visor

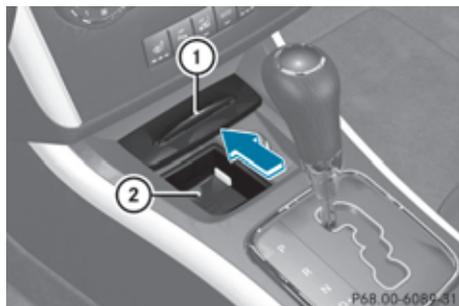
Mirror light ① only functions if the sun visor is clipped into retainer ② and mirror cover ⑤ has been folded up.

Glare from the side

- ▶ Fold down the sun visor.
- ▶ Pull the sun visor out of retainer ②.
- ▶ Swing the sun visor to the side.

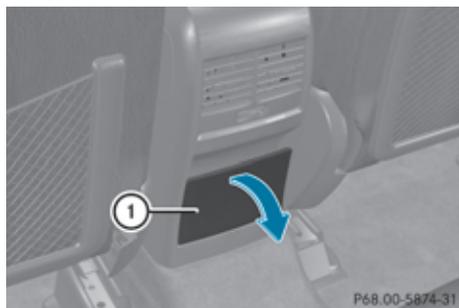
Ashtray

Ashtray in the cockpit



- ▶ **To open:** slide cover ① forwards until it engages.
- ▶ **To remove the insert:** lift insert ② up and out.
- ▶ **To refit the insert:** press insert ② into the holder until it engages.

Ashtray in the rear compartment



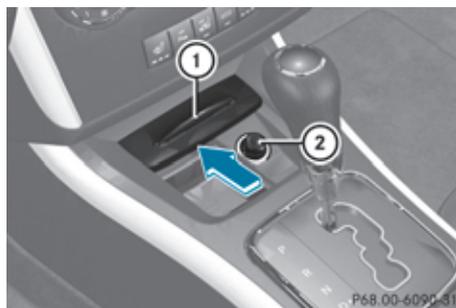
- ▶ **To open:** pull ashtray ① out by its top edge.
- ▶ **To remove the insert:** pull out the insert beyond the stop.
- ▶ **To refit the insert:** replace the insert from above.
- ▶ Press the insert into the bracket until it engages.

Cigarette lighter

⚠ Risk of injury and fire

Only hold the hot cigarette lighter by its knob. Otherwise, you might burn yourself.

Make sure that children travelling in the vehicle are not able to injure themselves on the hot cigarette lighter or cause a fire with it.



Centre console, front

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ **To open:** slide cover ① forwards until it engages.
- ▶ Press in cigarette lighter ②. Cigarette lighter ② will pop out automatically when the heating element is red-hot.

12 V sockets

Points to observe before use

The sockets can be used for accessories with a maximum power consumption of 180 W (15 A), e.g. lamps or chargers for mobile phones.

If you use the sockets for long periods when the engine is switched off, the battery may discharge.

Socket in the cockpit

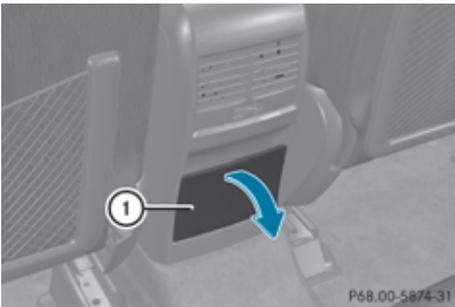
- ⚠ The socket is not suitable for operating the electric air pump.

A socket is fitted in the centre console on vehicles with the non-smoker's package.



- ▶ Lift up the cover of socket ①.

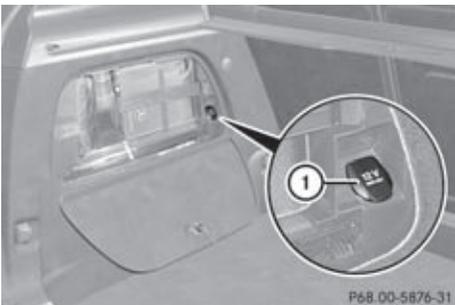
Socket in the rear compartment



- ▶ Pull stowage compartment ① out using the handle edge.
- ▶ Lift up the cover of the socket.

Socket in the luggage compartment

The socket is located in the left-hand stowage compartment in the luggage compartment.



- ▶ Open the stowage compartment (▷ page 186).
- ▶ Lift up the cover of socket ①.

Mobile phone

⚠ Risk of accident

Observe the legal requirements of the country in which you are currently driving regarding operating mobile communications equipment in a vehicle.

If it is permitted by law to operate communications equipment while the vehicle is in motion, you must only do so if the traffic situation permits. Otherwise, you could be distracted from the traffic conditions, cause an accident and injure yourself and others.

Two-way radios and fax equipment used without low-reflection exterior aerials can interfere with the vehicle's electronics and thereby jeopardise the operating safety of the vehicle and your safety. Therefore, you must only use this equipment if it is correctly connected to a separate reflection-free exterior aerial.

⚠ Risk of injury

Excessive levels of electromagnetic radiation may cause damage to your health and the health of others. Using an exterior aerial takes into account current scientific discussions relating to the possible health risk posed by electromagnetic fields.

To ensure optimum reception quality for mobile phones in the vehicle and to minimise mutual influences between the vehicle electronics and mobile phones, Mercedes-Benz recommends the use of an approved exterior aerial. An exterior aerial conducts the electromagnetic fields generated by a wireless device to the exterior of the vehicle; the field strength within the vehicle interior is lower than in a vehicle that does not have an exterior aerial.

- ① There are various mobile phone brackets that may be fitted to your vehicle; in some

cases, these are country-specific. You can obtain these mobile phone brackets from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

The functions and services available when you use the phone depend on your mobile phone model and service provider.

- ▶ **To insert a mobile phone:** open the telephone compartment (▷ page 186).
- ▶ Place the mobile phone bracket into the pre-installed bracket (see the separate mobile phone bracket installation instructions).
- ▶ Insert the mobile phone into the mobile phone bracket (see the separate mobile phone bracket installation instructions).

If the mobile phone is inserted in the mobile phone bracket, you can speak to the person you are calling using the hands-free system.

You can operate the telephone using the  and  buttons on the multifunction steering wheel. You can operate other mobile phone functions via the on-board computer (▷ page 160).

When you take the key out of the ignition lock, the mobile phone stays on but you can no longer use the hands-free system.

If you are making a call and you would like to take the key out of the ignition lock, first remove the mobile phone from the bracket. Otherwise, the call will be ended.

Floormat on the driver's side

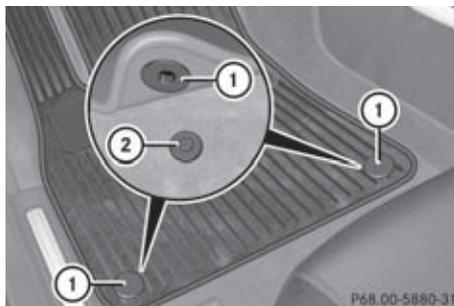
Risk of accident

Make sure that there is sufficient clearance around the pedals when floormats are used, and that the floormats are properly secured.

The floormats must be correctly secured at all times using retainers and press-studs.

Before you drive off, check the floormats and secure if necessary. A floormat which is not properly secured can slip and, thereby, interfere with the movement of the pedals.

Do not place floormats on top of one another.



- ▶ Slide the seat backwards.
- ▶ **To fit:** place the floormat in position.
- ▶ Press studs ① onto retainers ②.
- ▶ **To remove:** pull the floormat off retainers ②.
- ▶ Remove the floormat.

Retrofitted anti-glare film

Anti-glare film retrofitted to the inside of the windows can interfere with radio/mobile phone reception. This is particularly the case for conductive or metallic-coated films. Information about anti-glare film can be obtained from any Mercedes-Benz Service Centre.

Vehicle equipment	204
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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Engine compartment

Bonnet

Opens the bonnet

Risk of accident

Do not pull the release lever while the vehicle is in motion. If you do so, the bonnet may open up and block your view.

Risk of injury

There is a risk of injury if the bonnet is open, even if the engine is not running.

Some engine components can become very hot.

To avoid the risk of burns, only touch those components described in the Owner's Manual and observe the relevant safety notes.

Risk of injury

The radiator fan between the radiator and the engine can start automatically, even if the key has been removed from the ignition lock. For this reason, you must not reach into the fan rotation area. You could otherwise be injured.

Vehicles with a petrol engine: The electronic ignition system uses high voltage. For this reason, you must never touch ignition system components (ignition coil, ignition cables, spark plug connectors or test socket) while:

- the engine is running
- the engine is being started
- the ignition is switched on and the engine is being cranked by hand

You could otherwise suffer an electric shock and be seriously or even fatally injured.

Vehicles with a diesel engine: The electronic injection control uses high voltage. For this reason, you must never touch injection system components while:

- the engine is running
- the engine is being started
- the ignition is switched on

You could otherwise suffer an electric shock and be seriously or even fatally injured.

- ▶ Make sure that the windscreen wipers are switched off.

Risk of injury

The windscreen wipers and wiper linkage could be set in motion.

When the bonnet is open, you or others could be injured by the wiper linkage.

Make sure that the windscreen wipers are switched off and that the key has been pulled out of the ignition lock before opening the bonnet.



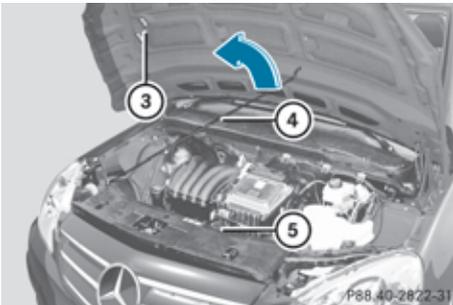
- ▶ Pull release lever ① on the bonnet. The bonnet is released.

! Make sure that the windscreen wipers are not folded away from the windscreen. Otherwise, you could damage the windscreen wipers or the bonnet.



- ▶ Pull handle ② of the bonnet catch outwards from the radiator grille as far as it will go and lift the bonnet up.

! Do not lift the bonnet by bonnet catch handle ②. The handle may otherwise be damaged.



- ▶ Pull support strut ④ out of bracket ⑤.
- ▶ Swing support strut ④ upwards and insert it into recess ③.

Closing the bonnet

⚠ Risk of injury

Make sure that nobody can become trapped as you close the bonnet.

- ▶ Raise the bonnet slightly and remove support strut ④ from recess ③.
- ▶ Swing support strut ④ down and press it into bracket ⑤ until it engages.
- ▶ Lower the bonnet and let it fall from a height of approximately 20 cm.
- ▶ Check that the bonnet has engaged properly. If the bonnet can be raised slightly, it is not properly engaged. Open it again and close it with a little more force.

Engine oil

Notes on the oil level

Depending on driving style, the vehicle consumes a maximum of 0.8 l oil per 1000 km. The oil consumption may be higher than this when the vehicle is new or if you frequently drive at high engine speeds.

Checking the oil level using the oil dipstick

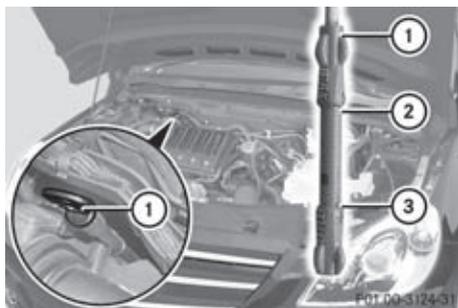
On vehicles with a diesel engine, the oil level can be checked using the on-board computer. The engine oil for petrol engines is checked using a dipstick.

When checking the oil level:

- park the vehicle on a level surface.
- the engine should be switched off for approximately five minutes if the engine is at normal operating temperature.



Example: vehicles with a petrol engine



Example: vehicles with a turbo/diesel engine

- ▶ Pull oil dipstick ① out of the oil dipstick tube.
- ▶ Wipe off oil dipstick ①.
- ▶ Slowly insert oil dipstick ① into the guide tube to the stop, and take it out again. The oil level is correct if the level is between MIN mark ③ and MAX mark ②.
- ▶ Top up the oil if necessary.

Checking the oil level using the on-board computer

On vehicles with a diesel engine, the oil level can be checked using the on-board computer. On petrol-engine models, the dipstick must be used to check the engine oil level.

When checking the oil level:

- park the vehicle on a level surface.
- the engine should be switched off for approximately five minutes if the engine is at normal operating temperature.
- ▶ Make sure that the key is in position **2** in the ignition lock.
- ▶ Press the  or  button on the steering wheel to select the following message:



The measurement takes a few seconds. You will see one of the following messages in the multifunction display:

- Eng. oil level OK
- Add 1.0 litre to reach maximum oil level
- Add 1.5 litres to reach maximum oil level
- Add 2.0 litres to reach maximum oil level
- ▶ Top up the oil if necessary.

If the engine is at normal operating temperature and the **Engine oil level Reduce oil level** message appears, the engine oil level is too high.

- ▶ Have excess oil siphoned off.

! Do not add too much oil when topping up. Topping up with too much oil can result in damage to the engine or the catalytic converter. Have excess oil siphoned off.

If the **Switch ignition on to check engine oil level** message appears:

- ▶ Turn the key to position **2** in the ignition lock.

If the **Observe waiting time** message appears:

- ▶ If the engine is at normal operating temperature: repeat the measurement after about five minutes.

If the engine is not at normal operating temperature (e.g. if the engine was only started briefly): repeat the measurement after about 30 minutes.

If the **Engine oil level not when engine on** message appears:

- ▶ Switch off the engine.
- ▶ If the engine is at normal operating temperature: wait about five minutes before carrying out the measurement.
If the engine is not at normal operating temperature, e.g. if the engine was only started briefly: wait about 30 minutes before carrying out the measurement.

i If you wish to cancel the measurement, press the  or  button on the steering wheel.

Adding engine oil

Environmental note

When topping up the oil, take care not to spill any. If oil enters the soil or waterways, it is harmful to the environment.

Risk of fire and injury

If engine oil comes into contact with hot engine parts, it may ignite and you could burn yourself. Do not spill any engine oil on hot engine parts.



Example: engine oil cap

- ▶ Turn cap **1** anti-clockwise and remove it.
- ▶ Top up with the amount of oil required.

Observe the specifications in the on-board computer when doing so or fill carefully to the maximum mark on the oil dipstick.

i The difference between the minimum mark and the maximum mark on the oil dipstick is approximately 1.2 litres.

! Do not add too much oil. If the oil level is above the "max" mark on the dipstick, too much oil has been added. This can lead to damage to the engine or the catalytic converter. Have excess oil siphoned off.

Further information on engine oil (▶ page 252).

- ▶ Replace cap **1** on the filler neck and tighten clockwise. Ensure that the cap locks into place securely.

Checking and adding other service products

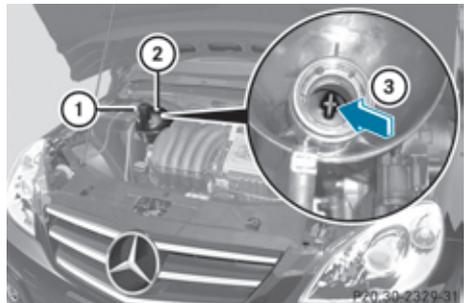
Checking the coolant level

Only check the coolant level when the vehicle is on a level surface and the engine has cooled down.

- ▶ Turn the key to position **2** (▶ page 107) in the ignition lock.
- ▶ Check the coolant temperature display in the instrument cluster.

Risk of injury

The cooling system is pressurised. Therefore, only unscrew the cap once the engine has cooled down. The coolant temperature gauge must display less than 70 °C . Otherwise, you could be scalded if hot coolant escapes.



- ▶ Slowly turn cap ① half a turn anti-clockwise and allow excess pressure to escape.
- ▶ Turn cap ① further anti-clockwise and remove it.
If the coolant is at the level of marker bar ③ in the filler neck when cold, there is enough coolant in coolant expansion tank ②.
If the coolant level is approximately 1.5 cm above marker bar ③ in the filler neck when warm, there is enough coolant in coolant expansion tank ②.
- ▶ If necessary, top up with coolant that has been tested and approved by Mercedes-Benz.
- ▶ Replace cap ① and turn it clockwise as far as it will go.

For further information on coolant, see (▷ page 254).

Windscreen washer system and headlamp cleaning system

The washer fluid reservoir is used for both the windscreen washer system and the headlamp cleaning system.

- ❗ Vehicle components and their service products must match. Mercedes-Benz recommends that you use products that have been tested and approved by Mercedes-Benz. These are listed under the relevant section in this Mercedes-Benz Owner's Manual.

You can recognise service products approved by Mercedes-Benz by the following inscription on the containers:

- MB-Freigabe (e.g. MB-Freigabe 229.5 1)
- MB Approval (e.g. MB Approval 229.5 1)

Other designations or recommendations that relate to a level of quality or a specification in accordance with an MB Sheet number (such as MB 229.5) have not necessarily been approved by Mercedes-Benz.

You can obtain further information from any Mercedes-Benz Service Centre.

⚠ Risk of fire

Windscreen washer fluid is highly flammable. Fire, naked flames and smoking are prohibited when handling washer fluid concentrate.

- ❗ Only use washer fluid concentrate which is suitable for plastic lamp lenses. Unsuitable washer fluid concentrate could damage the plastic lamp lenses of the headlamps.
- ❗ Do not use distilled or de-ionised water in the washer fluid reservoir. Otherwise, the level sensor may be damaged.
- ❗ Add windscreen washer concentrate, e.g. MB SummerFit, to the washer fluid all year round.



Example: washer fluid reservoir

- ▶ Mix the windscreen washer fluid in a container beforehand.
- ▶ **At temperatures above freezing:** fill the washer fluid reservoir with a mix of water and windscreen washer concentrate (e.g. MB SummerFit).
- ▶ **At temperatures below freezing:** fill the washer fluid reservoir with a mix of water and windscreen washer concentrate (e.g. MB WinterFit). Adapt the mixing ratio to the outside temperatures.
- ▶ **To open:** pull cap ① upwards by the tab.
- ▶ Top up with the premixed washer fluid.
- ▶ **To close:** press cap ① onto the filler neck until it engages.

Maintenance

ASSYST PLUS service interval display

Service messages

Information on the type of service and service intervals (see separate Service Booklet).

You can obtain further information from a Mercedes-Benz Service Centre.

The ASSYST PLUS service interval display informs you when the next service is due.

If a service due date has been exceeded, you also hear an acoustic signal.

The multifunction display shows a service message for a few seconds, e.g.

Service A due in .. km

Service A due now

Service A overdue by .. km

The letter indicates how much time the workshop will require to carry out the service work. The letters displayed range from **A** for a short service duration to **H** for a long service duration.

The ASSYST PLUS service interval display does not take into account any periods of time during which the battery is disconnected.

Maintaining the time-dependent service schedule:

- ▶ Note down the service due date displayed in the multifunction display before disconnecting the battery.

or

- ▶ Subtract the battery disconnection periods from the service date shown on the display after reconnecting the battery.

i The ASSYST PLUS service interval display does not show any information on the engine oil level. Observe the notes on the engine oil level (▷ page 205).

Hiding a service message

- ▶ Press the reset button on the left of the instrument cluster (▷ page 22).

Displaying service messages

- ▶ Switch on the ignition.
- ▶ Press  or  to select the **standard display** menu on the steering wheel (▷ page 152).
- ▶ Press  or  to select the ASSYST PLUS service interval display. The service due date appears in the multifunction display.

Please bear the following in mind

Resetting the ASSYST PLUS service interval display

A qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, will reset the ASSYST PLUS service interval display after the service work has been carried out.

You can obtain further information, e.g. regarding service work, from a Mercedes-Benz Service Centre or directly from Mercedes-Benz.

- !** If the ASSYST PLUS service interval indicator has been inadvertently reset, this setting can be corrected at a Mercedes-Benz Service Centre.

Have the service work carried out as described in the Service Booklet. There may otherwise be increased wear, resulting in damage to the vehicle or to the major assemblies.

Driving abroad

An extensive Mercedes-Benz Service network is also available in other countries. The Service Hotline's current telephone numbers for use when you are abroad are to be found in the "Mercedes-Benz Service24h" section of the Service Booklet.

Care

Notes on care

Regular care of your vehicle is a condition for retaining the quality in the long term.

Use care products and cleaning agents recommended and approved by Mercedes-Benz.

! For cleaning your vehicle, do not use any of the following:

- dry, rough or hard cloths
- abrasive cleaning agents
- solvents
- cleaning agents containing solvents

Do not scrub.

Do not touch the surfaces or protective films with hard objects, e.g. a ring or ice scraper. You could otherwise scratch or damage the surfaces and protective film.

Environmental note

Dispose of empty packaging and cleaning cloths in an environmentally responsible manner.

! Do not park up the vehicle for an extended period straight after cleaning it, particularly after having cleaned the wheels with wheel cleaner. Wheel cleaners could cause increased corrosion of the brake discs and brake pads/linings. For this reason, you should drive for a few minutes after cleaning. Braking heats the brake discs and brake pads, thus drying them. The vehicle can then be parked up.

Care of the exterior

Automatic car wash

Risk of accident

Braking efficiency is reduced after washing the vehicle. This could cause an accident. For this reason, following a car wash, drive with particular care until the brakes are dry.

You can wash the vehicle in an automatic car wash from the very start.

If the vehicle is very dirty, pre-wash it before cleaning it in an automatic car wash.

▶ Remove the radio/telephone aerial.

! If you do not remove the radio/telephone aerial, the automatic car wash may damage it or the vehicle.

! When washing your vehicle in a tow-through car wash, make sure that the AUTOTRONIC is in position **N**; otherwise, the vehicle could be damaged.

! Make sure that:

- the side windows and sliding sunroof are closed completely.
- the blower for the ventilation/heating is switched off (OFF button is depressed/airflow control is turned to position **0**).
- the windscreen wiper switch is at position **0**.

The vehicle could otherwise be damaged.

After using an automatic car wash, wipe off wax from the windscreen and the wiper blades. This will prevent smears and reduce wiping noises caused by residue on the windscreen.

High-pressure cleaning equipment

Risk of accident

Do not use high-pressure cleaners with circular-jet nozzles (dirt grinders) to clean your vehicle, in particular the tyres. You could otherwise damage the tyres and cause an accident.

! Always maintain a distance of at least 30 cm between the vehicle and the high-pressure cleaner nozzle. Information about the correct distance is available from the equipment manufacturer.

Move the high-pressure cleaner nozzle around when cleaning your vehicle.

Do not aim directly at any of the following:

- tyres
- door gaps, roof gaps, joints etc.
- electrical components
- battery
- connectors
- lights
- seals
- trim elements
- ventilation slots

Damaged seals or electrical components can lead to leaks or failures.

Cleaning the wheels

! Do not use acidic wheel cleaning products to remove brake dust. This could damage wheel bolts and brake components.

! Do not park up the vehicle for an extended period straight after cleaning it, particularly after having cleaned the wheels with wheel cleaner. Wheel cleaners could cause increased corrosion of the brake discs and brake pads/linings. For this reason, you should drive for a few minutes after cleaning. Braking heats the brake discs and brake pads, thus drying them. The vehicle can then be parked up.

Cleaning the paintwork

Scratches, corrosive deposits, areas affected by corrosion and damage caused by inadequate care cannot always be completely repaired. In such cases, visit a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

- ▶ Remove impurities immediately, where possible, whilst avoiding rubbing too hard.
- ▶ Soak insect remains with insect remover and rinse off the treated areas afterwards.
- ▶ Soak bird droppings with water and rinse off the treated areas afterwards.
- ▶ Remove coolant, brake fluid, tree resin, oils, fuels and greases by rubbing gently

with a cloth soaked in petroleum ether or lighter fluid.

- ▶ Use tar remover to remove tar stains.
- ▶ Use silicone remover to remove wax.

! Do not affix:

- stickers
- films
- magnetic plates or similar items

to painted surfaces. You could otherwise damage the paintwork.

Care and treatment of matt paintwork

If your vehicle has a clear matt finish, observe the following instructions in order to avoid damage to the paintwork due to incorrect care.

These notes also apply to light alloy wheels with a clear matt finish.

! Never polish the vehicle or the light alloy wheels. Polishing makes the paintwork shiny.

! Never use paint cleaner, buffing or polishing products, or gloss preserver, e.g. wax. These products are only suitable for high-gloss surfaces. Their use on vehicles with matt finish leads to considerable surface damage (shiny, spotted areas).

Always have paintwork repairs performed at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

! Do not use wash programs with a hot wax treatment under any circumstances.

i Use only insect remover and car shampoo from the range of recommended and approved Mercedes-Benz care products.

Cleaning the windows

Risk of injury

Switch off the windscreen wipers and remove the key from the ignition lock before cleaning the windscreen or the wiper blades. The wind-

screen wipers could otherwise move and injure you.

- ❗ Only fold the windscreen wipers away from the windscreen when vertical. Otherwise, you will damage the bonnet.

- ▶ Clean the inside and outside of the windows with a damp cloth and a cleaning agent that is recommended and approved by Mercedes-Benz.

- ❗ Do not use dry cloths, abrasive products, solvents or cleaning agents containing solvents to clean the inside of the windows. Do not use hard objects to clean the insides of the windows, e.g. an ice scraper or ring. There is otherwise a risk of damaging the windows.

- ❗ Clean the water drainage channels of the windscreen and the rear window at regular intervals. Deposits such as leaves, petals and pollen may under certain circumstances prevent water from draining away. This can lead to corrosion damage and damage to electronic components.

Cleaning the wiper blades

Risk of injury

Switch off the windscreen wipers and remove the key from the ignition lock before cleaning the windscreen or the wiper blades. The windscreen wipers could otherwise move and injure you.

- ❗ Only fold the windscreen wipers away from the windscreen when vertical. Otherwise, you will damage the bonnet.
- ❗ Do not pull on the wiper blade. Otherwise, the wiper blade could be damaged.
- ❗ Do not clean wiper blades too often and do not rub them too hard. Otherwise, the graphite coating could be damaged. This could cause wiper noise.

- ▶ Fold the wiper arms away from the windscreen.
- ▶ Clean the wiper blades carefully using a damp cloth.
- ▶ Fold the windscreen wipers back again before switching on the ignition.

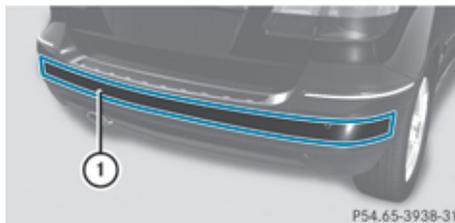
- ❗ Hold the wiper arm securely when folding back. The windscreen could be damaged if the wiper arm hits against it suddenly.

Cleaning the exterior lighting

- ▶ Clean the plastic lenses of the exterior lighting using a wet sponge and a mild cleaning agent, e.g. Mercedes-Benz car shampoo or cleaning cloths.

- ❗ Only use cleaning agents or cleaning cloths that are suitable for plastic lenses. Unsuitable cleaning agents or cleaning cloths could scratch or damage the plastic lenses of the exterior lighting.

Cleaning the sensors



- ▶ Clean sensors ① of the driving systems with water, car shampoo and a soft cloth.

- ❗ If you clean the sensors with a high-pressure cleaner, make sure that you keep a distance of at least 30 cm between the vehicle and the high-pressure cleaner nozzle.

zle. Information about the correct distance is available from the equipment manufacturer.

Cleaning the exhaust tail pipes

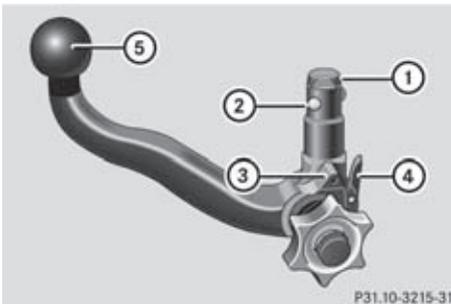
Impurities combined with the effects of road grit and corrosive environmental factors may cause flash rust to form on the surface. You can restore the original shine of the exhaust tail pipe by cleaning it regularly, especially in winter and after washing.

- ❗ Do not clean the exhaust tail pipes with alkaline-based cleaning agents, such as wheel cleaner.
- ▶ Clean the exhaust tail pipes with a chrome care product tested and approved by Mercedes-Benz.

Cleaning the trailer tow hitch

The ball coupling must be cleaned if it becomes dirty or corroded.

- ▶ Remove any rust using a wire brush.
- ▶ Remove dirt with a clean, lint-free cloth or a brush.
- ❗ Do not clean the ball coupling with a high-pressure cleaner. Do not use solvents.



- ① Guide pin
- ② Locking balls
- ③ Guide faces
- ④ Release lever
- ⑤ Ball neck head

- ▶ After cleaning, lightly oil or grease positions ① to ⑤ and the ball coupling recess of the vehicle.
- ▶ Treat the lock with an oil that is acid and resin-free.
- ▶ Check that the vehicle's trailer tow hitch is working properly.

❗ Observe the note on care provided by the trailer manufacturer.

- ❗ Maintenance of the ball coupling and trailer tow hitch can also be performed at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

♻ Environmental note

Dispose of oily and greasy cloths in an environmentally-responsible manner.

Interior care

Cleaning the display

- ▶ Before cleaning the display, make sure that it is switched off and has cooled down.
- ▶ Clean the display surface using a commercially-available microfibre cloth and TFT/LCD display cleaner.
- ▶ Dry the display surface using a dry microfibre cloth.

❗ For cleaning, do not use any of the following:

- alcohol-based thinner or petrol
- abrasive cleaning agents
- commercially-available household cleaning agents

These may damage the display surface. Do not put pressure on the display surface when cleaning. This could lead to irreparable damage to the display.

Cleaning the plastic trim

Risk of injury

When cleaning the steering wheel boss and dashboard, do not use cockpit sprays or cleaning agents containing solvents. Cleaning agents containing solvents cause the surface to become porous, and as a result plastic parts may break away and be thrown around the interior when an airbag is deployed, which may result in severe injuries.

! Do not affix the following to plastic surfaces:

- stickers
- films
- scented oil bottles or similar items

You could otherwise damage the plastic.

! Do not allow cosmetics, insect repellent or sunscreen to come in contact with the plastic trim. This maintains the high-quality look of the surfaces.

- ▶ Wipe the plastic trim with a damp, lint-free cloth, e.g. a microfibre cloth.
- ▶ **Heavy soiling:** use car care and cleaning products recommended and approved by Mercedes-Benz.
The surface may change colour temporarily. Wait until the surface is dry again.

Cleaning real wood and trim strips

- ▶ Wipe the wooden trim and trim strips with a damp, lint-free cloth, e.g. a microfibre cloth.
- ▶ **Heavy soiling:** use car care and cleaning products recommended and approved by Mercedes-Benz.

! Do not use solvent-based cleaning agents such as tar remover, wheel cleaners, polishes or waxes. There is otherwise a risk of damaging the surface.

Cleaning the seat covers

! Do not use microfibre cloths to clean genuine leather, artificial leather or Alcantara® covers. If used often, these can damage the cover.

! Observe the following when cleaning:

- clean genuine leather covers carefully with a damp cloth and then wipe the covers down with a dry cloth. Make sure that the leather does not become soaked. It may otherwise become rough and cracked. Only use leather care agents that have been tested and approved by Mercedes-Benz. You can obtain these from a qualified specialist workshop, e.g. a Mercedes-Benz Service centre.
- clean artificial leather covers with a cloth moistened with a solution containing 1% detergent (e.g. washing-up liquid).
- clean cloth covers with a microfibre cloth moistened with a solution containing 1% detergent (e.g. washing-up liquid). Rub carefully and always wipe entire seat sections to avoid leaving visible lines. Leave the seat to dry afterwards. Cleaning results depend on the type of dirt and how long it has been there.
- clean Alcantara® covers with a damp cloth. Make sure you wipe entire seat sections to avoid leaving visible lines.

i Note that regular care is essential to ensure that the appearance and comfort of the covers is retained over time.

Cleaning the seat belts

- ▶ Use clean, lukewarm water and soap solution.

! Do not clean the seat belts using chemical cleaning agents. Do not dry the seatbelts at temperatures above 80 °C or by exposing them to direct sunlight.

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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Where will I find...?

Warning triangle

Removing the warning triangle

The warning triangle, first-aid kit and TIREFIT kit are in the left-hand stowage compartment in the luggage compartment.

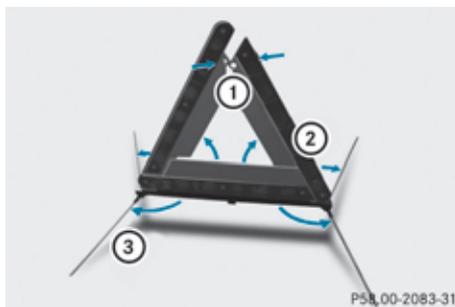
- ▶ Open the tailgate.
- ▶ Open the stowage compartment.



- ① First-aid kit (TIREFIT kit behind it)
- ② Warning triangle

- ▶ Remove warning triangle ②.

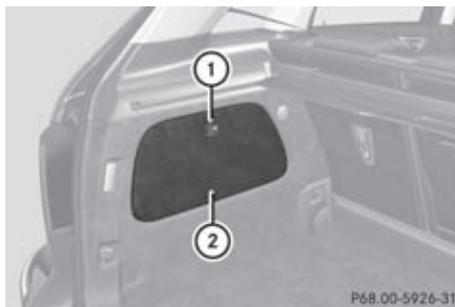
Setting up the warning triangle



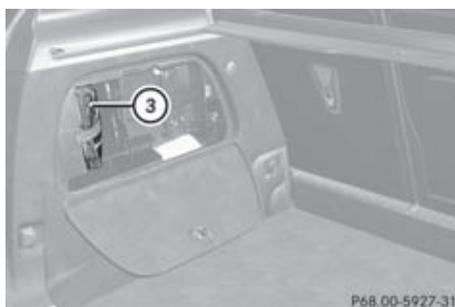
- ▶ Fold feet ③ down and out to the side.
- ▶ Pull side reflectors ② upwards to form a triangle and lock them at the top using upper press-stud ①.

First-aid kit

- ▶ Open the tailgate.



- ▶ **To open the stowage compartment:** turn rotary knob ① anti-clockwise and fold down cover ②.

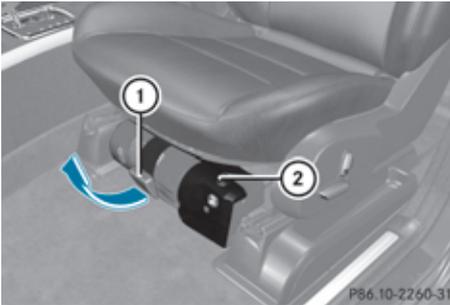


- ▶ Remove first-aid kit ③.

- ① Check the expiry date on the first-aid kit at least once a year. Replace the contents if necessary, and replace missing contents.

Fire extinguisher

The fire extinguisher is located underneath the front of the driver's seat.



- ▶ Pull tab ① upwards.
- ▶ Remove fire extinguisher ②.

- ① Have the fire extinguisher refilled after each use and checked every one or two years. It may otherwise fail in an emergency.

Observe the legal requirements in all countries concerned.

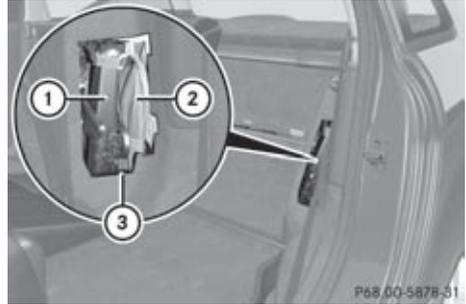
Vehicle tool kit

The vehicle tool kit, the folding wheel chock and the jack are in the left-hand stowage compartment behind the rear seat backrest.

- ① Vehicles are not equipped with the tools needed to change a wheel when they leave the factory, e.g. jack or wheel wrench. Country-specific differences are possible. To obtain tools approved for your vehicle, visit a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.
- ① On vehicles without a vehicle tool kit, the towing eye is next to the first-aid kit in the

left-hand stowage compartment in the luggage compartment (▶ page 216).

- ▶ Fold down the left-hand rear seat backrest (▶ page 191).
- ▶ Push the cover up and fold it to the side.



- ① Jack
- ② Vehicle tool kit
- ③ Folding wheel chock

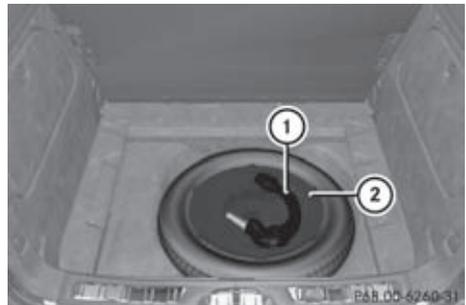
The vehicle tool kit contains:

- Ratchet ring spanner
- One pair of gloves
- Wheel wrench
- Towing eye

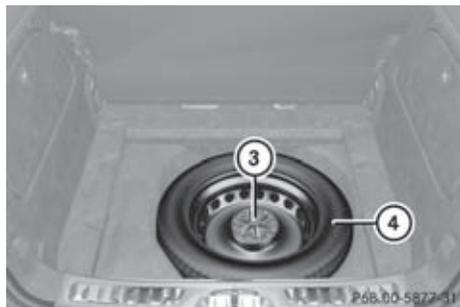
Spare wheel/"Minispare" emergency spare wheel

The spare wheel or "Minispare" emergency spare wheel is located under the luggage compartment floor.

- ▶ Lift the luggage compartment floor up (▶ page 197).



- ▶ **Vehicles with ECO start/stop function:** remove ball coupling stowage well (2) and ball coupling (1).



- ▶ Turn retaining screw (3) anti-clockwise.
- ▶ **i** Vehicles with a subwoofer in the emergency spare wheel: observe the instructions on the subwoofer when removing the subwoofer.
- ▶ Remove the spare wheel or "Minispare" emergency spare wheel (4).

For further information on changing a wheel and fitting the spare wheel, see (▷ page 222).

Flat tyre

Preparing the vehicle

Your vehicle may be equipped with:

- a TIREFIT kit
- an emergency spare wheel
- a spare wheel
- MOExtended tyres (tyres with run-flat characteristics) (▷ page 226)
- ▶ **i** Vehicle preparation is not necessary on vehicles with MOExtended tyres.
- ▶ **i** Vehicles with MOExtended tyres are not equipped with a TIREFIT kit at the factory. It is therefore recommended that you additionally equip your vehicle with a TIREFIT kit if you fit tyres that do not feature run-flat properties, e.g. winter tyres. You can obtain

a TIREFIT kit from a Mercedes-Benz Service Centre, for example.

- ▶ Stop the vehicle as far away as possible from traffic on solid, non-slippery and level ground.
- ▶ Switch on the hazard warning lamps.
- ▶ Apply the parking brake.
- ▶ Bring the front wheels into the straight-ahead position.
- ▶ **Vehicles with manual transmission:** engage first or reverse gear.
- ▶ **Vehicles with AUTOTRONIC:** move the selector lever to **P**.
- ▶ Switch off the engine.
- ▶ Remove the key from the ignition lock.
- ▶ All occupants must get out of the vehicle. Make sure that they are not endangered as they do so.
- ▶ Make sure that no one is near the danger area whilst a wheel is being changed. Anyone who is not directly assisting in the wheel change should, for example, stand behind the barrier.
- ▶ Get out of the vehicle. Pay attention to traffic conditions when doing so.
- ▶ Close the driver's door.
- ▶ Place the warning triangle (▷ page 216) a suitable distance away. Observe legal requirements.

TIREFIT kit

Using the TIREFIT kit

You can use the TIREFIT kit to seal small punctures, particularly those in the tyre tread. You can use TIREFIT at outside temperatures down to -20 °C.

Risk of accident

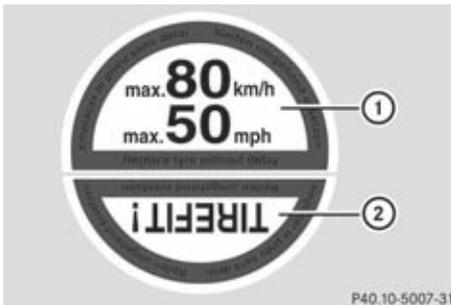
In the following situations, your safety is at particular risk as tyre sealant is unable to provide sufficient breakdown assistance:

- there are cuts or punctures in the tyre greater than 4 mm.
- the wheel rim is damaged.
- you have driven at very low tyre pressures or on a flat tyre.

Do not drive any further. Consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.

Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- ▶ Do not remove any foreign objects which have penetrated the tyre, e.g. screws or nails.
- ▶ Remove the tyre sealant bottle, the accompanying "max. 80 km/h" sticker and the tyre inflation compressor from the tray in the stowage compartment (▷ page 217).



- ▶ Affix part ① of the sticker within the driver's field of vision.
- ▶ Affix part ② of the sticker near the valve on the wheel with the defective tyre.

Risk of injury

TIREFIT must not come into contact with your skin, eyes or clothing.

- If TIREFIT comes into contact with your eyes or skin, immediately rinse thoroughly with clean water.
- Change out of clothing which has come into contact with TIREFIT immediately.
- If an allergic reaction occurs, consult a doctor immediately.

Keep TIREFIT away from children.

- If TIREFIT is swallowed, immediately rinse your mouth out thoroughly and drink plenty of water.
- Do not induce vomiting. Consult a doctor immediately.
- Do not inhale TIREFIT fumes.

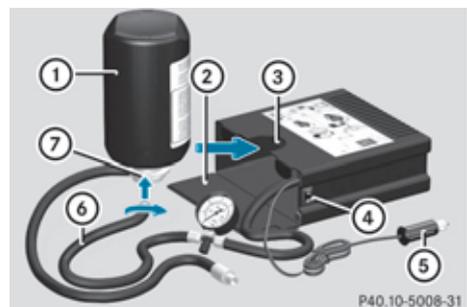
- ❗ If TIREFIT leaks out, allow it to dry. It can then be removed like a layer of film.

If you get TIREFIT on your clothing, have it cleaned as soon as possible with perchloroethylene.

Your vehicle is provided with one of two different tyre inflation compressors:

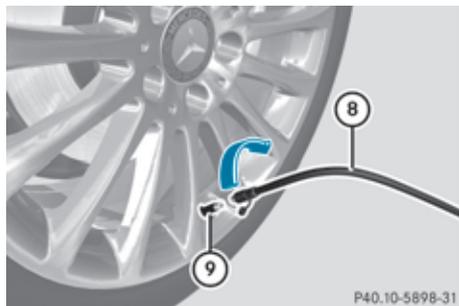
- **Version 1:** the hose with the pressure gauge and the cable are behind a flap.
- **Version 2:** the pressure gauge is in the tyre inflation compressor.

TIREFIT kit version 1

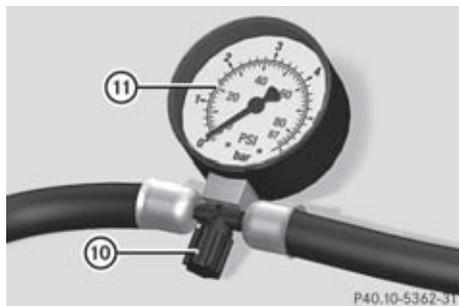


- ▶ Open flap ②.
- ▶ Pull connector ⑤ with the cable and hose ⑥ out of the housing.

- ▶ Screw hose ⑥ onto flange ⑦ of tyre sealant bottle ①.
- ▶ Place tyre sealant bottle ① head downwards into recess ③ of the tyre inflation compressor.



- ▶ Remove the cap from valve ⑨ on the faulty tyre.



- ▶ Make sure pressure release screw ⑩ on pressure gauge ⑪ is fully closed.
- ▶ Screw filler hose ⑧ onto valve ⑨.
- ▶ Insert plug ⑤ into the cigarette lighter socket (> page 200) or into a 12 V socket in your vehicle (> page 200).
- ▶ Turn the key to position 1 (> page 107) in the ignition lock.
- ▶ Press on/off switch ④ on the tyre inflation compressor to I. The tyre inflation compressor is switched on. The tyre is inflated.

i First, TIREFIT is pumped into the tyre. The pressure can briefly rise to approximately 500 kPa (5 bar/73 psi).

Do not switch off the tyre inflation compressor during this phase.

- ▶ Allow the tyre inflation compressor to run for five minutes. The tyre should then have attained a pressure of at least 180 kPa (1.8 bar/26 psi).

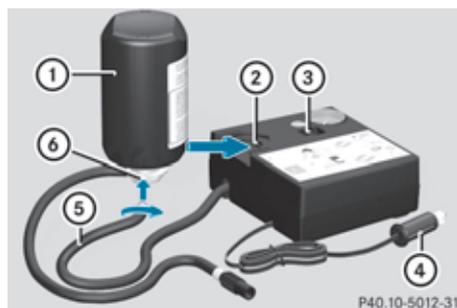
! Do not operate the tyre inflation compressor for longer than six minutes at a time without a break. It may otherwise overheat.

The tyre inflation compressor can be operated again once it has cooled down.

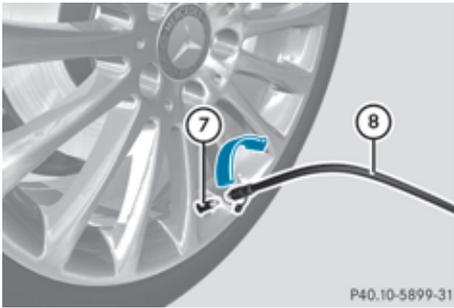
If a pressure of 180 kPa (1.8 bar/26 psi) has been achieved after five minutes, see (> page 221).

If a pressure of 180 kPa (1.8 bar/26 psi) has not been achieved after five minutes, see (> page 221).

TIREFIT kit version 2



- ▶ Pull connector ④ with the cable and hose ⑤ out of the housing.
- ▶ Screw hose ⑤ onto flange ⑥ of tyre sealant bottle ①.
- ▶ Place tyre sealant bottle ① head downwards into recess ② of the tyre inflation compressor.



- ▶ Remove the cap from valve ⑦ on the faulty tyre.
- ▶ Screw filler hose ⑧ onto valve ⑦.
- ▶ Insert plug ④ into the cigarette lighter socket (▷ page 200) or into a 12 V socket in your vehicle (▷ page 200).
- ▶ Turn the key to position 1 (▷ page 107) in the ignition lock.
- ▶ Press on/off switch ③ on the tyre inflation compressor to I.
The tyre inflation compressor is switched on. The tyre is inflated.
- ❗ First, TIREFIT is pumped into the tyre. The pressure can briefly rise to approximately 500 kPa (5 bar/73 psi).

Do not switch off the tyre inflation compressor during this phase.

- ▶ Allow the tyre inflation compressor to run for five minutes. The tyre should then have attained a pressure of at least 180 kPa (1.8 bar/26 psi).

❗ Do not operate the tyre inflation compressor for longer than six minutes at a time without a break. It may otherwise overheat.

The tyre inflation compressor can be operated again once it has cooled down.

If a pressure of 180 kPa (1.8 bar/26 psi) has been achieved after five minutes, see (▷ page 221).

If a pressure of 180 kPa (1.8 bar/26 psi) has not been achieved after five minutes, see (▷ page 221).

Tyre pressure of at least 180 kPa (1.8 bar/26 psi) not reached

If, after five minutes, a pressure of 180 kPa (1.8 bar/26 psi) has not been achieved:

- ▶ Press the on/off switch on the tyre inflation compressor to 0.
The tyre inflation compressor is switched off.
- ▶ Unscrew the filler hose from the valve.
- ▶ Very slowly drive forwards or reverse approximately 10 m.
- ▶ Pump up the tyre again.

⚠ Risk of accident

If after five minutes a pressure of 180 kPa (1.8 bar/26 psi) cannot be achieved, the tyre is too severely damaged.

Do not drive any further. Consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Tyre pressure of 180 kPa (1.8 bar/26 psi) is reached

- ▶ Press the on/off switch on the tyre inflation compressor to 0.
The tyre inflation compressor is switched off.
- ▶ Remove the tyre sealant bottle from the wheel.

❗ After use, excess TIREFIT may run out of the filler hose. This may cause stains.

Therefore, place the filler hose in the plastic bag which contained the TIREFIT kit.

- ▶ Stow the tyre sealant bottle, the tyre inflation compressor and the warning triangle.
- ▶ **Pull away immediately.**

Risk of accident

Do not exceed the maximum speed of 80 km/h.

The "max. 80 km/h" label must be affixed in the driver's field of vision.

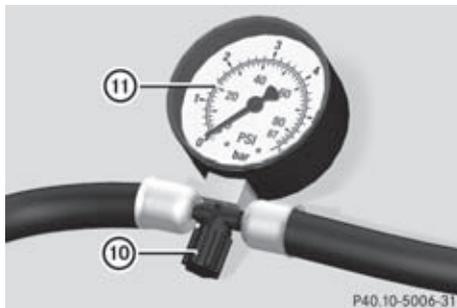
The vehicle's handling characteristics may be affected.

- ▶ Stop after driving for approximately ten minutes and check the tyre pressure with the tyre inflation compressor.

Risk of accident

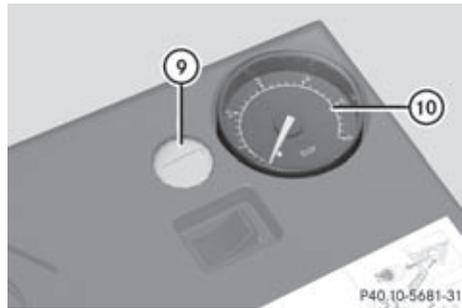
If the tyre pressure is less than 130 kPa (1.3 bar/20 psi), the tyre is too severely damaged. Do not drive any further. Consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- ▶ Correct the tyre pressure if it is still at least 130 kPa (1.3 bar/20 psi) (for the values, see the fuel filler flap).
- ▶ **To increase the tyre pressure:** switch on the tyre inflation compressor.



TIREFIT kit version 1

- ▶ **To reduce the tyre pressure (version 1):** open pressure release screw  on pressure gauge .



TIREFIT kit version 2

- ▶ **To reduce the tyre pressure (version 2):** depress pressure release button  next to pressure gauge .
- ▶ Stow the tyre sealant bottle, the tyre inflation compressor and the warning triangle.
- ▶ Drive to the nearest workshop and have the tyre changed there.
- ▶ Have the tyre sealant bottle replaced as soon as possible at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Environmental note

Have the used tyre sealant bottle disposed of professionally, e.g. at a Mercedes-Benz Service Centre.

- ▶ Have the tyre sealant bottle replaced every four years at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Changing a wheel and fitting the spare wheel

Preparing the vehicle

Risk of accident

The wheel and tyre size of the emergency spare wheel/spare wheel may differ to that of the damaged wheel. When using an emergency spare wheel/spare wheel the handling characteristics of the vehicle may change.

Adapt your style of driving accordingly.

Never operate the vehicle with more than one emergency spare wheel/spare wheel that differs in size.

Only use an emergency spare wheel/spare wheel of a differing size briefly.

When using an emergency spare wheel you must not exceed the maximum speed of 80 km/h.

Risk of accident

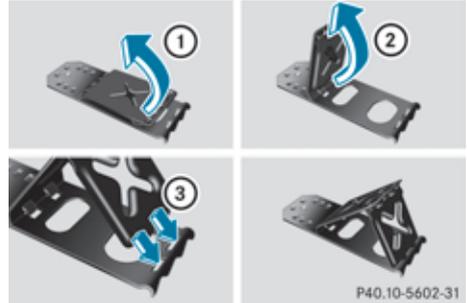
Have the emergency spare wheel/spare wheel replaced with a new wheel as soon as possible at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- i** Vehicles without an emergency spare wheel/spare wheel are not equipped with a tyre-change tool kit at the factory. For more information on which tools are required to perform a wheel change on your vehicle, e.g. wheel chock, centring pin or wheel wrench, consult a Mercedes-Benz Service Centre.
- ▶ Prepare the vehicle as described (▷ page 218).
- ▶ Take the "Minispare" emergency spare wheel or the spare wheel out of the stowage well under the luggage compartment floor.
- ▶ Remove the following items from the left-hand stowage compartment behind the rear seat backrest:
 - the vehicle tool kit
 - the folding wheel chock
 - the jack
- ▶ Secure the vehicle to prevent it from rolling away.

Securing the vehicle to prevent it from rolling away

If your vehicle is equipped with a wheel chock, it can be found in the vehicle tool kit (▷ page 217).

The folding wheel chock is an additional securing measure to prevent the vehicle from rolling away, for example when changing a wheel.



- ▶ Fold both plates upwards ①.
- ▶ Fold out lower plate ②.
- ▶ Guide the lugs on the lower plate fully into the openings in base plate ③.
- ▶ **On level ground:** place chocks or other suitable items under the front and rear of the wheel that is diagonally opposite the wheel you wish to change.
- ▶ **On downhill gradients:** place chocks or other suitable items in front of the wheels of the front and rear axle.

Raising the vehicle

Risk of injury

The jack is intended only for lifting the vehicle briefly for wheel changes.

The vehicle must be placed on stands if you intend to work under it.

Make sure that the jack is placed on a firm, non-slip, level surface. Do not use wooden blocks or similar objects as a jack underlay. The vehicle could otherwise slip off the jack and seriously injure you.

Do not start the engine at any time while the wheel is being changed.

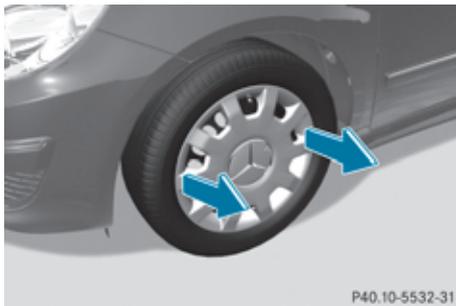
Do not lie under the vehicle when it is being supported by the jack. If you do not raise the vehicle as described, it could slip off the jack (e.g. if the engine is started or a door or the tailgate is opened or closed) and seriously injure you.

Risk of accident

If you fail to position the jack correctly, the vehicle may:

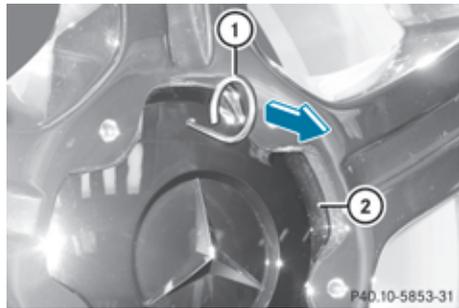
- slip off the jack
- injure you or others
- be damaged.

Therefore, make sure that the jack is positioned correctly in the respective jacking points. Before positioning the jack, remove any dirt that may have collected in the jacking points. Please note that you must position the jack in the opening of the jacking point.



Steel wheel with wheel trim

- ▶ **Vehicles with steel wheels:** carefully reach into two of the wheel trim openings and remove the wheel trim.



Vehicles with chrome wheels

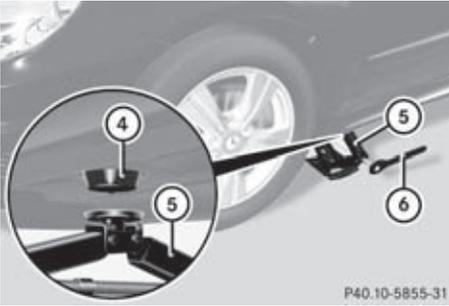
- ▶ **Vehicles with chrome wheels:** take removal tool ① out of the vehicle document wallet.
- ▶ Guide removal tool ① through the hole in wheel trim ②.
- ▶ Remove wheel trim ② using removal tool ①.



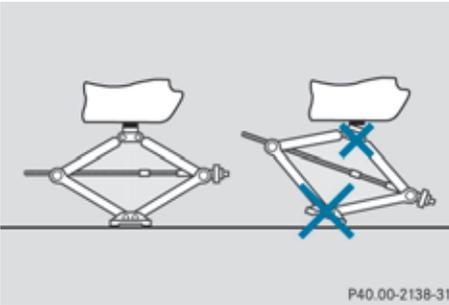
- ▶ Using wheel wrench ③, loosen the bolts on the wheel you wish to change by about one full turn. Do not unscrew the bolts completely.

The jacking points for the jack are located behind the wheel housings of the front wheels and in front of the wheel housings of the rear wheels.

- ▶ Take the socket wrench and ratchet ring spanner out of the vehicle tool kit.
- ▶ Insert the socket wrench into the ratchet ring spanner and place it on the jack so that the letters **AUF** are visible.



- ▶ Position jack (5) at jacking point (4).



- ▶ Make sure that the base of the jack is positioned directly under the jacking point.
- ▶ Turn ratchet ring spanner (6) until jack (5) sits completely on jacking point (4) and the base of the jack lies evenly on the ground.
- ▶ Turn ratchet ring spanner (6) until the tyre is raised a maximum of three centimetres from the ground.

Removing a wheel

- ▶ Unscrew the wheel bolts.

! Do not place wheel bolts in sand or dirt. The threads of the wheel bolts and wheel hubs could otherwise be damaged when the bolts are tightened.

- ▶ Remove the wheel.

Fitting a new wheel

⚠ Risk of accident

Replace damaged or corroded wheel bolts.

Never oil or grease wheel bolts. This could cause the bolts to loosen in the wheel hub.

⚠ Risk of accident

If a wheel hub thread is damaged, you must not drive the vehicle any further. Consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre or Service 24h for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

⚠ Risk of accident

Only use wheel bolts that have been designed for the wheel and the vehicle. For safety reasons, Mercedes-Benz recommends that you only use wheel bolts which have been approved for Mercedes-Benz vehicles and the respective wheel. Other wheel bolts could work loose or damage the brake system.

Do not tighten the wheel bolts completely while the vehicle is still jacked up. The vehicle could topple off the jack.

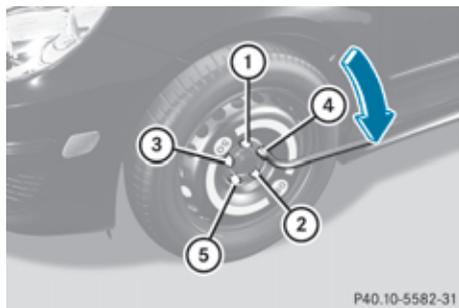
- ▶ Clean the wheel and wheel hub contact surfaces.



- ▶ Slide the emergency spare wheel/spare wheel onto the wheel hub and push it on.
- ▶ Tighten the wheel bolts until they are finger-tight.

Lowering the vehicle

- ▶ Insert the socket wrench into the ratchet ring spanner and place it on the jack so that the letters **AB** are visible.
- ▶ Turn the ratchet ring spanner until the vehicle is once again standing firmly on the ground.
- ▶ Place the jack to one side.



- ▶ Tighten the wheel bolts evenly in a cross-wise pattern in the sequence indicated (① to ⑤). The tightening torque must be **130 Nm**.

Risk of accident

Have the tightening torque checked immediately after a wheel is changed. The wheels could work loose if they are not tightened to a torque of **130 Nm**.

- ▶ Turn the jack back to its initial position and store it and the rest of the vehicle tool kit in the stowage compartment behind the rear seat backrest.

- i** When you are driving with the emergency spare wheel fitted, the tyre pressure loss warning system cannot function reliably. Only restart the tyre pressure loss warning system when the defective wheel has been replaced with a new wheel.

MOExtended tyres (tyres with run-flat characteristics)

MOExtended tyres (tyres featuring run-flat characteristics) enable your vehicle to continue its journey even with a complete loss of tyre pressure in one or more tyres.

MOExtended tyres may only be used in conjunction with the activated tyre pressure loss warning system or with the activated tyre pressure monitor.

The maximum permissible distance which can be driven in run-flat mode depends on the load in the vehicle. It is 80 km if the vehicle is partially laden and 30 km if fully laden.

The maximum permissible distance which can be driven in run-flat mode is counted from the moment the tyre pressure loss warning appears in the multifunction display.

You must not exceed a maximum speed of 80 km/h.

Risk of accident

The handling characteristics of your vehicle deteriorate in run-flat mode, for example:

- when cornering
- when braking
- when accelerating rapidly

Adapt your driving style accordingly and avoid sudden changes in direction and sudden acceleration, as well as driving over obstacles (i.e. kerbs, potholes), and driving off-road. This is particularly the case when the vehicle is heavily laden.

The maximum permissible distance that can be driven in run-flat mode depends to a large extent on the loads placed on the vehicle. It can be shorter due to high speeds, a heavy load, sudden changes in direction, the road surface condition, outside temperature, etc., or further if you drive carefully and conservatively.

Do not continue to drive in run-flat mode if:

- you hear banging noises.
- the vehicle starts to shake.

- you see smoke and smell rubber.
- ESP® is intervening constantly.
- there are tears in the sidewalls of the tyre.

After driving in run-flat mode, you must have the wheel(s) checked for damage at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. The faulty tyre must be replaced in every case.

Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- i** When replacing one or all tyres, make sure that you only use tyres marked MOExtended and of the specified size for the vehicle.
- i** Vehicles with MOExtended tyres are not equipped with a TIREFIT kit at the factory. It is therefore recommended that you additionally equip your vehicle with a TIREFIT kit if you fit tyres that do not feature run-flat properties, e.g. winter tyres. A TIREFIT kit can be obtained from a Mercedes-Benz Service Centre.

Battery

Important safety notes

In order for the battery to achieve the maximum possible service life, it must always be sufficiently charged.

Have the battery charge checked more frequently if you use the vehicle mainly for short trips or if you leave it standing idle for a lengthy period.

To prevent damage from corrosion, only replace the battery with one that has a central ventilation cover.

Only replace a battery with a battery that has been recommended by Mercedes-Benz.

Consult a Mercedes-Benz Service Centre if you wish to leave your vehicle parked up for a long period of time.

Risk of injury

Comply with safety precautions and take protective measures when handling batteries.



Risk of explosion



Fire, naked flames and smoking are prohibited when handling the battery. Avoid creating sparks.



Battery acid is caustic. Avoid contact with the skin, eyes or clothing.

Wear suitable protective clothing, in particular gloves, an apron and a face mask.

Immediately rinse acid splashes off with clean water. Consult a doctor if necessary.

Wear eye protection.



Keep children away.



Observe this Owner's Manual.

Environmental note



Batteries contain pollutants. It is against the law to dispose of them with the household rubbish. They must be collected separately and

recycled in an environmentally responsible manner.



Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre, or to a special collection point for old batteries.

Risk of injury

For safety reasons, Mercedes-Benz recommends that you only use batteries which have been tested and approved for your vehicle by Mercedes-Benz. These batteries provide increased impact protection to prevent vehicle occupants from suffering acid burns should the battery be damaged in the event of an accident.

To prevent acid burns, observe the following safety notes when handling batteries:

- do not lean over the battery.
- do not place any metal objects on a battery. Otherwise, you could cause a short circuit and the battery's gas mixture could ignite.
- make sure that you do not create an electrostatic charge, e.g. by wearing synthetic clothing or as a result of friction on fabrics. Therefore, you should not pull or slide the battery over carpets or other synthetic materials.
- never touch the battery first. To discharge a possible electrostatic charge, step out of the vehicle first and touch the bodywork.
- do not wipe the battery using a cloth. The battery may explode as a result of electrostatic charge or due to flying sparks.

! Switch off the engine and remove the key before disconnecting the terminal clamps from the battery. Otherwise, you may destroy electronic components, such as the alternator.

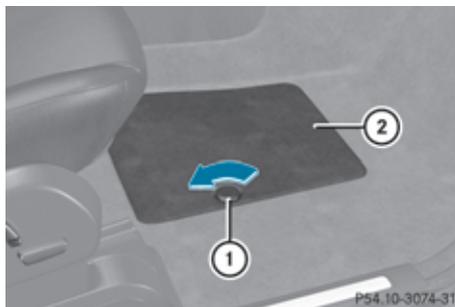
i Remove the key if you park the vehicle and do not require any electrical consumers. The vehicle will then use very little energy, thus conserving battery power.

Mercedes-Benz recommends that you do not carry out work on batteries yourself, e.g. removing or charging. Always have this work performed at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Installation location of the battery

Your vehicle is equipped with a battery in the vehicle interior. It is located in the footwell in front of the front seat on the right-hand side of the vehicle when viewed in the direction of travel.

- ▶ Apply the parking brake and on vehicles with AUTOTRONIC, shift the transmission to position **P**.
- ▶ Switch off all electrical consumers (e.g. radio, blower, etc.).
- ▶ Turn the key to position **0** (▷ page 107) in the ignition lock and remove it.



- ▶ Remove the floormat.
- ▶ Remove retaining screw **1** by turning it anti-clockwise, e.g. by using a coin.
- ▶ Lift up cover **2**.
- ▶ Remove filter box **1**.

i Information on disconnecting the battery (▷ page 229).

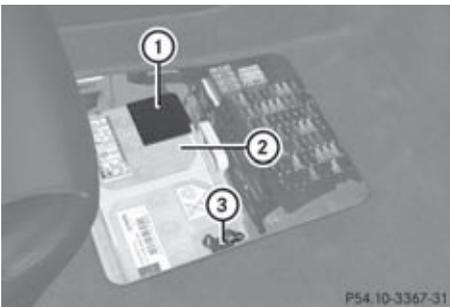
Disconnecting the battery

Risk of accident

If the battery is disconnected:

- the brake boosting effect will not be available. Greater braking force will then be required and brake pedal travel will be longer. If necessary, depress the brake pedal with maximum force.
- the transmission is locked in position **P** on vehicles with AUTOTRONIC.

- !** Always disconnect the battery in the order described below. Never mix up the terminal clamp disconnection/connection order and never mix up the terminal clamps. You may otherwise damage the vehicle electronics.



- ① Positive terminal
- ② Battery
- ③ Negative terminal

- ▶ Remove the negative terminal clamp from the battery.
- ▶ Remove the cover from the positive terminal clamp.
- ▶ Remove the positive terminal clamp from the battery.
- ▶ Remove the breather hose from the side of the battery.

Removing/fitting the battery

- ▶ **To remove:** disconnect the battery (▷ page 229).
- ▶ Loosen the bolt which holds the battery in place.
- ▶ Remove the battery.
- ▶ **To fit:** follow the steps described in "To remove" in reverse order.

Charging the battery

Risk of injury

Only charge the battery in a well-ventilated area. As the battery is being charged, gases can escape and generate minor explosions. This could injure you and other persons or cause damage to the paintwork or acid corrosion on the vehicle.

You can obtain information about battery chargers which allow the battery to be charged while still installed from a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Risk of injury

There is a risk of acid burns during the charging process due to the gases which escape from the battery. Do not lean over the battery during the charging process.

Risk of injury

Battery acid is caustic. Avoid contact with the skin, eyes or clothing.

- !** Only charge the installed battery with a battery charger which has been tested and approved by Mercedes-Benz. These battery chargers allow the battery to be charged while still installed.

- !** Only use battery chargers with a maximum charging voltage of 14.8 V.
- ▶ Read the battery charger's operating instructions before charging the battery.

Reconnecting the battery

! Always connect the battery in the order described below. Never swap the terminal clamps. You may otherwise damage the vehicle electronics.

- ▶ Switch off all electrical consumers (e.g. radio, blower, etc.).
- ▶ Connect the positive terminal clamp and secure the cover.
- ▶ Connect the negative terminal clamp.

i If the power supply has been interrupted, e.g. if the battery has been reconnected, you must carry out the following tasks:

- set the clock (▷ page 156).
- reset the function for automatically folding the exterior mirrors in/out by folding the mirrors out once (▷ page 75).

Jump-starting

Risk of injury

There is a risk of acid burns when jump-starting a vehicle due to the gases which escape from the battery. Do not lean over the battery while the engine is being jump-started.

Risk of explosion

Gases escaping from the battery during jump-starting may cause minor explosions. Avoid creating sparks. Keep naked flames away from the battery, and do not smoke.

Comply with safety precautions when handling batteries. You will find these under "Battery" in the index.

! Avoid repeated and lengthy starting attempts. Otherwise, non-combusted fuel may damage the catalytic converter³² and create a risk of fire.

Do not use a rapid-charging device to start the engine.

Make sure the jump leads are not damaged.

Make sure the jump leads are not touching any other metal objects when they are connected to the battery.

If your vehicle's battery is discharged, the engine can be jump-started from another vehicle or from a second battery using jump leads.

Observe the following points:

- ▶ The battery is not accessible in all vehicles. If the other vehicle's battery is not accessible, jump-start the vehicle using a second battery or a jump-starting device.
- ▶ Only jump-start the vehicle when the engine is cold and the catalytic converter system has cooled down³³.
- ▶ Do not start the engine if the battery is frozen. Let the battery thaw first.
- ▶ Jump-starting may only be performed from batteries with a nominal voltage of 12 V.
- ▶ Only use jump leads which have a sufficient cross-section and insulated terminal clamps.
- ▶ Make sure that the jump leads cannot come into contact with parts, such as the pulley or the fan. These parts move when the engine is started and while it is running.
- ▶ If the battery is fully discharged, leave the battery that is being used to jump-start connected for a few minutes before attempting to start. This charges the empty battery a little.

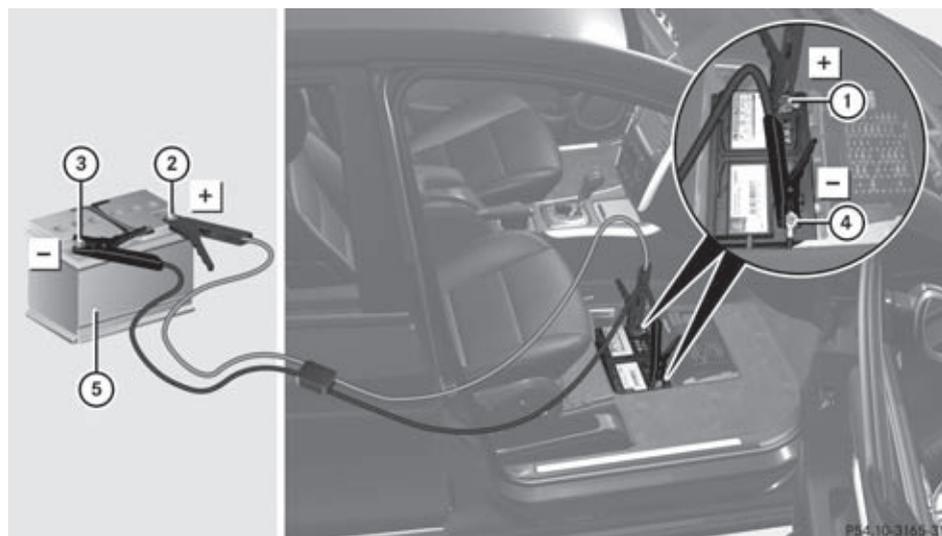
i Jump leads and further information about jump-starting can be obtained from any Mercedes-Benz Service Centre, for example.

- ▶ Make sure that the two vehicles do not touch.
- ▶ Apply the parking brake.
- ▶ **Manual transmission:** engage neutral.
- ▶ **AUTOTRONIC:** shift the transmission to position **P**.
- ▶ Switch off all electrical consumers (e.g. radio, blower, etc.).

³² Only vehicles with a petrol engine.

³³ Only vehicles with a petrol engine.

- ▶ Open the bonnet (▷ page 204).
- ▶ Open the front-passenger door and remove the cover in the front-passenger footwell (▷ page 228).



Position number ⑤ identifies the charged battery of the other vehicle or an equivalent jump-starting device.

- ▶ Remove the cover from positive terminal ①.
- ▶ Connect positive terminal ① on your vehicle to positive terminal ② of donor battery ⑤ using the jump lead, beginning with your own battery.
- ▶ Start the engine of the donor vehicle and run it at idling speed.
- ▶ Connect negative terminal ③ of donor battery ⑤ to negative terminal ④ of your vehicle using the jump lead, connecting the jump lead to donor battery ⑤ first.
- ▶ Start the engine.
- ▶ First, remove the jump lead from negative terminal ④ and negative terminal ③, then from positive terminal ① and positive terminal ②, each time disconnecting from the battery on your own vehicle first.
- ▶ Have the battery checked at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Towing and tow-starting

Important safety notes

Observe the legal requirements for the relevant countries when towing and tow-starting.

Risk of accident

If you tow the vehicle, you must use a rigid towing bar if:

- the engine is not running.
- there is a brake system malfunction.
- there is a malfunction in the power supply or the vehicle's electrical system.

The power steering and the brake force booster do not work when the engine is not running. You will then need considerably more force to steer and to brake and the brake pedal travel will be longer. If necessary, depress the brake pedal with maximum force. Before towing away, make sure that the steering can be moved and is not locked. If you tow or tow-start another vehicle, its weight must not exceed the maximum permissible gross vehicle weight of your vehicle.

It is better to have the vehicle transported than to have it towed.

! You may tow the vehicle for a maximum of 50 km. A towing speed of 50 km/h must not be exceeded.

For towing distances over 50 km, the entire vehicle must be lifted up and transported.

! Only secure the tow rope or towing bar to the towing eyes. The vehicle may otherwise be damaged.

! Do not use the towing eye for recovery, as this could damage the vehicle. If in doubt, recover the vehicle with a crane.

! Pull away smoothly when towing away or tow-starting a vehicle. If the tractive power is too high, the vehicles could be damaged.

! Vehicles with AUTOTRONIC must not be tow-started. The transmission may otherwise be damaged.

When towing vehicles with automatic transmission, the transmission must be in position **N**.

The selector lever must be in position **N** when towing vehicles with AUTOTRONIC.

The battery must be connected and charged. Otherwise, you:

- cannot turn the key in the ignition lock to position **2**
- cannot shift to position **N** on vehicles with AUTOTRONIC

Vehicles with AUTOTRONIC: release the selector lever lock manually to move it out of position **P**(▷ page 118).

- i** Switch off the automatic locking feature (▷ page 60) You could otherwise be locked out when pushing or towing the vehicle.
- Deactivate tow-away protection (▷ page 53) before the vehicle is towed.

Fitting/removing the towing eye

Fitting the towing eye

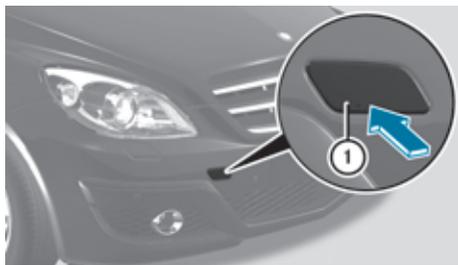
Vehicles with a trailer tow hitch: if you intend to use the vehicle for towing, fit the ball coupling (▷ page 141) and connect the towbar to it.

- ▶ Depending on the vehicle's equipment, take the towing eye from the vehicle tool kit (▷ page 217) or from the left-hand stowage compartment next to the first-aid kit in the luggage compartment (▷ page 216).

Risk of injury

The exhaust tail pipe may be hot. You could burn yourself if you touch the tail pipe. Be particularly careful when removing the rear cover.

The mountings for the removable towing eyes are located in the bumpers. They are at the front and at the rear, under the covers.



- ▶ Press the mark on cover ① inwards in the direction of the arrow.
- ▶ Take cover ① off the opening.
- ▶ Screw the towing eye in clockwise to the stop and tighten it.

Removing the towing eye

- ▶ Loosen the towing eye and unscrew it.
- ▶ Attach cover ① to the bumper and press until it engages.
- ▶ Depending on the vehicle equipment, place the towing eye in the vehicle tool kit (▷ page 217) or into the left-hand stowage compartment next to the first-aid kit in the luggage compartment (▷ page 216).

Towing the vehicle with the front axle raised

When towing your vehicle with the front axle raised, it is important that you observe the safety instructions (▷ page 232).

- ❗ The ignition must be switched off if you are towing the vehicle with the front axle

raised. Intervention by ESP® could otherwise damage the brake system.

- ❗ On vehicles with AUTOTRONIC, the selector lever must be in position **N**. The transmission may otherwise be damaged.
- ▶ Turn the key to position **2** in the ignition lock.
- ▶ When the vehicle is stationary, depress the brake pedal and keep it depressed.
- ▶ **Vehicles with manual transmission:** shift to neutral.

or

- ▶ **Vehicles with AUTOTRONIC:** shift AUTOTRONIC to position **N**.
- ▶ Release the brake pedal.
- ▶ Release the parking brake.
- ▶ Deactivate automatic locking (▷ page 158).
- ▶ Switch on the hazard warning lamps (▷ page 81).
- ▶ Turn the key in the ignition lock to position **0** and leave the key in the ignition lock.

Towing the vehicle with both axles on the ground

It is important that you observe the safety instructions when towing away your vehicle (▷ page 232).

⚠ Risk of accident

The power steering and the brake force booster do not work when the engine is not running. You will then need much more effort to brake and steer the vehicle. Adapt your style of driving accordingly.

- ▶ Switch on the hazard warning lamps (▷ page 81).
- ❗ When towing with the hazard warning lamps switched on, use the combination switch as usual to signal a change of direction. In this case, only the turn signals for the desired direction flash. When the com-

ination switch is reset, the hazard warning lamps start flashing again.

- ▶ Turn the key to position **2** in the ignition lock.
- ▶ When the vehicle is stationary, depress the brake pedal and keep it depressed.
- ▶ **Vehicles with manual transmission:** depress the clutch pedal.
- ▶ Shift to neutral.

or

- ▶ **Vehicles with AUTOTRONIC:** shift AUTOTRONIC to position **N**.
- ▶ Release the brake pedal.
- ▶ Release the parking brake.

Transporting the vehicle

The towing eyes or trailer tow hitch can be used to pull the vehicle onto a trailer or transporter if you wish to transport it.

- ▶ **Vehicles with manual transmission:** shift to neutral.
- ▶ **Vehicles with AUTOTRONIC:** turn the key to position **2** in the ignition lock.
- ▶ Move the selector lever to **N**.

As soon as the vehicle is loaded:

- ▶ Prevent the vehicle from rolling away by applying the parking brake.
- ▶ **Vehicles with manual transmission:** shift to first gear or reverse gear.
- ▶ **Vehicles with AUTOTRONIC:** move the selector lever to position **P**.
- ▶ Turn the key in the ignition lock to position **0** and remove the key from the ignition lock.
- ▶ Secure the vehicle.

! Only lash the vehicle down by the wheels or wheel rims, not by parts of the vehicle such as axle or steering components. Otherwise, the vehicle could be damaged.

Tow-starting (emergency engine starting)

When tow-starting, it is important that you observe the safety instructions (▷ page 232) and the legal requirements in each respective country.

! Vehicles with AUTOTRONIC must not be tow-started. Otherwise, you could damage AUTOTRONIC.

Before tow-starting the following conditions must be fulfilled:

- the battery is connected.
- the engine has cooled down.
- the catalytic converters have cooled down.
- ▶ Switch on the hazard warning lamps (▷ page 81).
- ▶ Fit the towing eye (▷ page 233).
- ▶ Secure the rigid towing bar or the towing rope.
- ▶ Depress and hold the brake pedal.
- ▶ Turn the key to position **2** in the ignition lock.
- ▶ Depress the clutch pedal and keep it depressed.
- ▶ Shift to neutral.
- ▶ Release the brake pedal.
- ▶ Tow-start the vehicle.
- ▶ Engage second engage gear.
- ▶ Release the clutch pedal slowly, do not operate the accelerator pedal while doing so.
The engine is started.
- ▶ Depress the clutch pedal and shift to neutral.
- ▶ Stop at a suitable place.
- ▶ Apply the parking brake.
- ▶ Remove the rigid towing bar or towing rope.
- ▶ Remove the towing eye (▷ page 234).
- ▶ Switch off the hazard warning lamps.

Electrical fuses

Important safety notes

The fuses in your vehicle serve to close down faulty circuits. If a fuse blows, all the components on the circuit and their functions stop operating.

Risk of fire

Only use fuses that have been approved for Mercedes-Benz vehicles and which have the correct fuse rating for the systems concerned. Do not attempt to repair or bridge faulty fuses. Otherwise, a circuit overload could cause a fire. Have the cause traced and rectified at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Blown fuses must be replaced with fuses of the same rating, which you can recognise by the colour and fuse rating. The fuse ratings are listed in the fuse allocation chart. A Mercedes-Benz Service Centre will be happy to advise you.

If the newly inserted fuse also blows, have the cause traced and rectified at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

! Only use fuses that have been approved for Mercedes-Benz vehicles and which have the correct fuse rating for the system concerned. Otherwise, components or systems could be damaged.

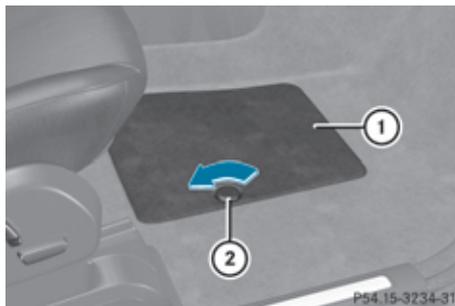
Before changing a fuse

- ▶ Park the vehicle and apply the parking brake.
- ▶ Switch off all electrical consumers.
- ▶ Remove the key from the ignition lock.

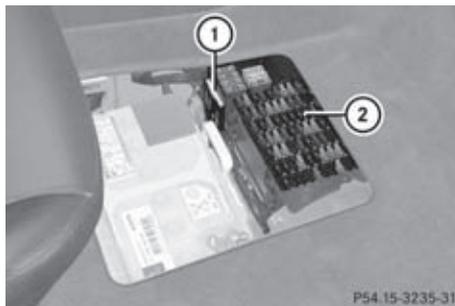
The fuses and the fuse allocation chart are located in the fuse box in the front-passenger footwell.

fuse box in the front-passenger footwell

The fuse box is located in the front-passenger footwell in front of the seat.



- ▶ Remove the footmats.
- ▶ Turn retaining screw (2) anti-clockwise using a coin for example.
- ▶ Raise cover (1) and remove it.
- ▶ Remove the cover mat from the battery.



- ① Fuse allocation chart
- ② Fuse box

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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Important safety notes

Risk of accident

Tyres, wheels or accessories which have not been approved by Mercedes-Benz for your vehicle or are not used as they should be, can impair driving safety. As a result, you could cause an accident. Before purchasing and using them, enquire about their suitability, legal stipulations and factory recommendations at a Mercedes-Benz Service Centre.

! Retreaded tyres are neither tested nor recommended by Mercedes-Benz, since previous damage cannot always be detected on retreaded tyres. As a result, Mercedes-Benz cannot guarantee vehicle safety if retreaded tyres are fitted. Do not fit used tyres if you have no information about their previous usage.

Modification work on the brake system and wheels is not permitted, nor is the use of spacer plates or brake dust shields. This invalidates the General Operating Permit for the vehicle.

i Further information about tyres and wheels can be obtained from any Mercedes-Benz Service Centre.

Directives to be observed

- Only fit tyres and wheels of the same type and make.
- Only fit tyres of the correct size onto the wheels.
- After fitting new tyres, run them in at moderate speeds for the first 100 km as they only reach their full performance after this distance.
- Do not drive with tyres which have too little tread depth, as this significantly reduces the traction on wet roads (aquaplaning).
- While driving, pay attention to vibrations, noises and unusual handling characteristics, e.g. pulling to one side. This may indicate that the wheels or tyres are damaged. If you suspect that a tyre is defective, reduce your speed immediately. Stop the vehicle as soon as possible to check the wheels and tyres for damage. Hidden tyre damage could also be causing the unusual handling characteristics. If you find no signs of damage, have the wheels and tyres examined at a specialist workshop, for example at a Mercedes-Benz Service Centre.
- When parking your vehicle, make sure that the tyres do not get deformed by the kerb or other obstacles. If it is necessary to drive over kerbs, speed humps or similar elevations, try to do so slowly and at an obtuse angle. Otherwise, the tyres, particularly the sidewalls, can get damaged.

Maintenance and care of wheels and tyres

Checking wheels and tyres

- Regularly check the wheels and tyres of your vehicle for damage (e.g. cuts, punctures, tears, bulges on tyres and deformation, cracks or severe corrosion on wheels), at least every 14 days, as well as after driving

off-road or on rough roads. Damaged wheels can cause a loss of tyre pressure.

- Regularly check the tyre tread depth and the condition of the tread across the whole width of the tyre (▷ page 239). If necessary, turn the front wheels to full lock in order to inspect the inner side of the tyre surface.
- All wheels must have a valve cap to protect the valve against dirt and moisture. Do not fit anything onto the valve (such as tyre pressure monitoring systems) other than the standard valve cap or other valve caps approved by Mercedes-Benz for your vehicle.
- Regularly check the pressure of all the tyres including the emergency spare wheel or the spare wheel, particularly prior to long trips, and correct the pressure as necessary (▷ page 239).

Tyre tread

Risk of accident

Bear in mind that:

- tyre grip decreases rapidly on wet roads when the tread depth is less than 3 mm. Thus, you should replace tyres that have insufficient tread.
- winter tyres should be replaced when the tread depth is 4 mm or less as they no longer provide adequate grip.
- the tread on a tyre may not wear evenly. Thus, you should regularly check the tread depth and the condition of the tread across the entire width of all tyres. If necessary, turn the front wheels to full lock in order to inspect the tyre tread more easily.

Otherwise, you could lose control of the vehicle and cause an accident due to the reduced grip of the tyres on the road.

Storing tyres

Store tyres that are not being used in a cool, dry and preferably dark place. Protect the tyres against oil, grease, petrol and diesel.

Cleaning tyres

Risk of accident

Do not use high-pressure cleaners with circular-jet nozzles (dirt grinders) to clean your vehicle, in particular the tyres. You could otherwise damage the tyres and cause an accident.

Tyre pressure

Recommended tyre pressure

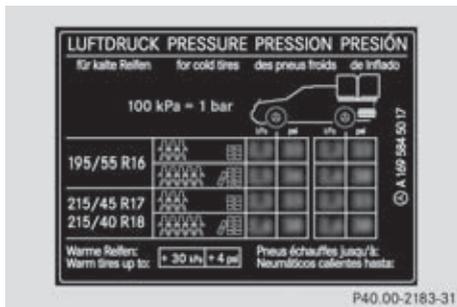
You will find a table of tyre pressures for various operating conditions on the inside of your vehicle's fuel filler flap.

The applicable value for the emergency spare wheel is stated on the spare wheel and in the technical data section.

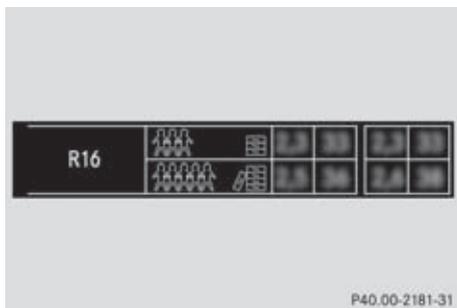
For trailer towing, adjust the tyre pressure of the rear tyres to the maximum tyre pressure value stated on the table inside the fuel filler flap.

The load conditions "partially laden" and "fully laden" are defined in the table for different numbers of passengers and amounts of luggage. The actual number of seats may vary – for more information please refer to the vehicle's registration documents.

If no other data is stated, the tyre pressures specified on the fuel filler flap apply for all tyres approved for this vehicle.



If a tyre size precedes a tyre pressure, the tyre pressure information following is only valid for that tyre size.



Instead of the complete tyre size, the rim diameter alone, for example **R16**, may be listed.



Rim diameter ① is part of the tyre size and can be found on the tyre sidewall.

Risk of accident

Tyre pressure that is either too high or too low has a negative effect on the vehicle's driving safety, which could lead you to cause an accident. Therefore, you should regularly check

the pressure of all the tyres, particularly prior to long trips, and correct the pressure as necessary.

To test tyre pressure, use a suitable pressure gauge. The outer appearance of a tyre does not permit any reliable conclusion about the tyre pressure.

Risk of accident

Do not fit anything else to the tyre valve other than the standard valve cap. In particular, retrofitted tyre pressure monitors which are screwed on to the valve may overload it and cause it to fail. Due to their design, the valve is kept open continuously, which may lead to air loss.

Risk of accident

Should the tyre pressure drop repeatedly:

- check the tyre for foreign bodies.
- check whether the wheel is losing air or the valve is leaking.
- make sure that only a valve cap approved by Mercedes-Benz is fitted on the tyre valve.

Tyre pressures that are too low have a negative effect on vehicle safety, which could lead you to cause an accident.

If possible, only correct tyre pressures when the tyres are cold. Depending on the ambient temperature, the speed you are driving at and the load on the tyres, the tyre temperature and thus the tyre pressure may change by approximately 10 kPa (0.1 bar, 1.5 psi) per 10 °C. Take this into account when checking the pressure of warm tyres and only correct it if it is too low for the current operating conditions.

Driving with tyre pressure that is too high or too low can:

- shorten the service life of the tyres
- cause increased tyre damage
- have a negative effect on handling characteristics and thus the driving safety (e.g. by causing aquaplaning)

i The tyre pressure values given for low loads are minimum values which offer you good ride comfort characteristics.

However, you can also use the values given for higher loads. These are permissible and will not adversely affect the running of the vehicle.



Environmental note

Check the tyre pressure regularly, at least every 14 days.

Tyre pressure loss warning system

Important safety notes

While the vehicle is in motion, the tyre pressure loss warning system monitors the set tyre pressure using the rotational speed of the wheels. This enables the system to detect significant pressure loss in a tyre. If the speed of rotation of a wheel changes as a result of a loss of pressure, a corresponding warning message will appear in the multifunction display.



Risk of accident

The tyre pressure loss warning system does not warn you of an incorrectly set tyre pressure. The table on the inside of the fuel filler flap will help you decide whether the tyre pressures should be corrected.

The tyre pressure loss warning system does not replace the need to regularly check your vehicle's tyre pressures, since an even loss of pressure on several tyres at the same time cannot be detected by the tyre pressure loss warning system.

The tyre pressure monitor is not able to warn you of a sudden loss of pressure, e.g. if the tyre is penetrated by a foreign object.

In the event of a sudden loss of pressure, bring the vehicle to a halt by braking carefully. Do not make any sudden steering movements when doing so.

The function of the tyre pressure loss warning system is limited or delayed if:

- snow chains are fitted to your vehicle's tyres.
- road conditions are wintry.
- you are driving on sand or gravel.
- you adopt a very sporty driving style (cornering at high speeds or driving with high rates of acceleration).
- you are towing a very heavy or large trailer.
- you are driving with a heavy load (in the vehicle or on the roof).

Restarting the tyre pressure loss warning system

Restart the tyre pressure loss warning system if you have:

- changed the tyre pressure
 - changed the wheels or tyres
 - fitted new wheels or tyres
- Before restarting, consult the table of tyre pressures on the inside of the fuel filler flap to ensure that the tyre pressure in all four tyres is set correctly for the respective operating conditions.
- Observe the notes in the section on tyre pressures (▷ page 239).



Risk of accident

The tyre pressure loss warning system can only give reliable warnings if you have set the correct tyre pressure.

If an incorrect tyre pressure is set, these incorrect values will be monitored.

A tyre with insufficient pressure results in vehicle instability when driving, thus increasing the risk of an accident.

- ▶ Make sure that the key is in position **2** (▷ page 107) in the ignition lock.
- ▶ Press and hold the  or  button on the multifunction steering wheel until the standard display appears in the multifunction display (▷ page 152).
- ▶ Press the  or  button until the **Run Flat Indicator Menu: press R-button** message appears in the multifunction display.
- ▶ Press the reset button on the instrument cluster.
The **Restart Run Flat Indicat.?** message appears in the multifunction display.

If you wish to confirm the restart:

- ▶ Press the  button.
The **Run Flat Indicator restarted** message appears in the multifunction display.
After a teach-in period, the tyre pressure loss warning system will monitor the set tyre pressures of all four tyres.

If you wish to cancel the restart:

- ▶ Press the  button.
- or
- ▶ Wait until the **Restart Run Flat Indicat.?** message goes out.
The tyre pressure values stored at the last restart will continue to be monitored.

Direction of rotation

Tyres with a specified direction of rotation have additional benefits, e.g. if there is a risk of aquaplaning. You will only gain these benefits if the correct direction of rotation is observed.

An arrow on the sidewall of the tyre indicates its correct direction of rotation.

You may fit an emergency spare wheel/spare wheel against the direction of rotation. Observe the time restriction on use as well as the speed limitation specified on the emergency spare wheel/spare wheel.

Interchanging the wheels

Risk of accident

Interchange the front and rear wheels only if they have the same dimensions: for example size, offset, etc.

After every wheel interchange/change, have the tightening torque checked at a qualified specialist workshop that has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

The wheels could work loose if they are not tightened to a torque of **130 Nm**.

For safety reasons, Mercedes-Benz recommends that you only use wheel bolts of the correct size which have been approved for Mercedes-Benz vehicles.

The wear patterns on the front and rear tyres differ, depending on the operating conditions. Interchange the wheels before a clear wear pattern has formed on the tyres. Front tyres typically wear more on the shoulders and the rear tyres in the centre.

On vehicles that have the same size front and rear wheels, you can interchange the wheels every 5000 km to 10,000 km depending on the degree of tyre wear. Do not reverse the direction of tyre rotation.

Clean the contact surfaces of the wheel and the brake disc thoroughly every time a wheel is interchanged. Check the tyre pressure and, if necessary, restart the tyre pressure loss warning system or the tyre pressure monitor.

! If your vehicle is equipped with the tyre pressure monitor, there are electronic components in the wheels.

Fitting tools must not be used in the area of the valve. Otherwise, the electronic components could be damaged.

Always have the tyres replaced at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.

Wheel and tyre combinations

Please bear the following in mind

! For safety reasons, Mercedes-Benz recommends that you only use tyres and wheels which have been approved by Mercedes-Benz specifically for your vehicle.

These tyres have been specially adapted for use with the control systems, such as ABS or ESP®, and are marked as follows:

- MO = Mercedes-Benz Original
- MOE = Mercedes-Benz Original Extended (tyres with run-flat characteristics)
- MO 1 = Mercedes-Benz Original (only certain AMG tyres)

Mercedes-Benz Original Extended tyres may only be used on wheels that have been specifically approved by Mercedes-Benz.

Only use tyres, wheels or accessories tested and approved by Mercedes-Benz. Certain characteristics, e.g. handling, vehicle noise emissions or fuel consumption, may otherwise be adversely affected. In addition, when driving with a load, tyre dimension variations could cause the tyres to come into contact with the bodywork and axle components. This could result in damage to the tyres or the vehicle.

Mercedes-Benz accepts no liability for damage resulting from the use of tyres, wheels or accessories other than those tested and approved.

Further information about tyres, wheels and approved combinations can be obtained from any Mercedes-Benz Service Centre.

! Retreaded tyres are neither tested nor recommended by Mercedes-Benz, since previous damage cannot always be detected on retreaded tyres. As a result, Mercedes-Benz cannot guarantee vehicle safety if retreaded tyres are fitted. Do not fit used tyres if you have no information about their previous usage.

i You will find a table of tyre pressures on the inside of your vehicle's fuel filler flap. For further information on tyre pressure, see (> page 239).

i Notes on the vehicle equipment – always fit the vehicle:

- with tyres of the same size on a given axle (left/right)
- with the same type of tyres at a given time (summer tyres, MOExtended tyres, winter tyres)

i Vehicles with MOExtended tyres are not equipped with a TIREFIT kit at the factory. It is therefore recommended that you additionally equip your vehicle with a TIREFIT kit if you fit tyres that do not feature run-flat properties, e.g. winter tyres. You can obtain a TIREFIT kit from a Mercedes-Benz Service Centre, for example.

Tyres		
Both axles		
		B 160 / B 160³⁴ B 180 / B 180³⁴
R15	Summer tyres	195/65 R15 91 T
	Winter tyres	195/65 R15 91 T M+S 
	Wheels	6 J x 15 H2 ET 44
R16	Summer tyres	205/55 R16 91 H
	Winter tyres	205/55 R16 91 H M+S 
	Wheels	6 J x 16 H2 ET 46
R17	Summer tyres ³⁵	215/45 R17 87 V
	Wheels	7 J x 17 H2 ET 49

Both axles			
		B 180 CDI B 200 / B 200 CDI	B 200 Turbo
R16	Summer tyres	205/55 R16 91 H	205/55 R16 91 V
	Winter tyres	205/55 R16 91 H M+S 	205/55 R16 91 H M+S 
	Wheels	6 J x 16 H2 ET 46	6 J x 16 H2 ET 46
R17	Summer tyres ³⁵	215/45 R17 87 V	215/45 R17 87 V
	Wheels	7 J x 17 H2 ET 49	7 J x 17 H2 ET 49

MOExtended tyres			
Both axles			
		All models	
R16	Winter tyres ^{36, 37}	195/55 R16 87 H M+S 	MOExtended
	Light-alloy wheels	6 J x 16 H2 ET 46	

³⁴ BlueEFFICIENCY

³⁵ Use of snow chains only permitted as a pull-away aid.

³⁶ Tyres with run-flat characteristics and only in conjunction with an activated tyre pressure loss warning system.

³⁷ Not on steel wheels.

Both axles		
		All models
R17	Summer tyres ^{36, 37, 38}	215/45 R17 87 V MOExtended
	Light-alloy wheels	7 J x 17 H2 ET 54

AMG equipment		
Both axles		
		All models
R18	Summer tyres ³⁹	215/40 R 18 89 W XL
	Light-alloy wheels	7 J x 18 H2 ET 49

Spare wheel

Depending on the country, the engine and the wheels fitted, your vehicle may be equipped with the TIREFIT kit, a "Minispare" emergency spare wheel or a spare wheel.

- i** Vehicles with MOExtended tyres (tyres with run-flat characteristics) are not equipped with a TIREFIT kit at the factory.

"Minispare" emergency spare wheel ⁴⁰		
		All models
R16	Tyres	T 125/90 R16 98 M
	Tyre pressure	420 kPa (4.2 bar, 61 psi)
	Wheels	3.5 B x 16 H2 ET 32

³⁶ Tyres with run-flat characteristics and only in conjunction with an activated tyre pressure loss warning system.

³⁷ Not on steel wheels.

³⁸ Snow chains only permitted as a pull-away aid.

³⁹ Use of snow chains only permitted as a pull-away aid.

⁴⁰ Use of snow chains not permitted.

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Vehicle equipment

i This Owner's Manual describes all models and all standard and optional equipment of your vehicle available at the time of publication of the Owner's Manual. Country-specific differences are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.

Notes on the technical data

i The technical data was determined in accordance with EC Directives. All data applies to the vehicle's standard equipment. Therefore, the data may differ for vehicles with optional equipment. You can obtain further information from a Mercedes-Benz Service Centre.

You can find technical data on the Internet at: <http://www.mercedes-benz.com>

Genuine Mercedes-Benz parts

Mercedes-Benz tests genuine parts and conversion parts and accessories which have been specifically approved for your vehicle for their reliability, safety and suitability. Despite ongoing market research, Mercedes-Benz is unable to evaluate other parts. Mercedes-Benz therefore accepts no responsibility for the use of such parts in Mercedes-Benz vehicles, even if they have been independently or officially approved.

In Germany and some other countries, certain parts are only officially approved for installation or modification if they comply with legal requirements. All genuine Mercedes-Benz parts meet this requirement. The use of non-approved parts may invalidate the vehicle's general operating permit. This is the case if:

- they cause a change of the vehicle type from that for which the vehicle's general operating permit was granted.
- other road users could be endangered.
- the emission or noise levels are adversely affected.

Risk of accident

Driving safety may be impaired if non-approved parts, tyres and wheels or safety-relevant accessories are used.

This could lead to malfunctions in safety-relevant systems, e.g. the brake system. This could cause you to lose control of your vehicle and cause an accident.

For this reason, Mercedes-Benz recommends that you use genuine Mercedes-Benz parts or parts of equal quality. Only use tyres, wheels and accessories that have been specifically approved for your vehicle.

! Airbags and seat belt tensioners, as well as control units and sensors for these restraint systems may be installed in the following areas of your vehicle:

- doors
- door pillars
- door sills
- seats
- dashboard
- instrument cluster
- centre console

Do not install accessories such as audio systems in these areas. Do not carry out repairs or welding. You could impair the operating efficiency of the restraint systems.

Have aftermarket accessories installed at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

Environmental note

Daimler AG also supplies reconditioned assemblies and parts which are of the same

quality as new parts. For these, the same warranty applies as for new parts.

Always specify the vehicle identification number (VIN) (> page 250) and the engine number (> page 251) when ordering genuine Mercedes-Benz parts.

Vehicle electronics

Tampering with the engine electronics

Risk of accident

Only have work on the engine electronics and related components carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. Otherwise, the vehicle's roadworthiness could be affected.

- ❗ Only have maintenance work on the engine electronics and its associated parts, such as control units, sensors and connector leads, carried out at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre. Vehicle components may otherwise wear more quickly and the vehicle's operating permit may be invalidated.

Retrofitting of two-way radios and mobile phones (RF transmitters)

Use the Technical Specification ISO/TS 21609⁴¹ implementation regulation when retrofitting RF (radio frequency) transmitters.

If your vehicle has fittings for two-way radio equipment (e.g. taxis, hire cars or official vehicles), use the power supply or aerial connec-

tions intended for use with the basic wiring. Be sure to observe the manufacturer's additional instructions when installing the fittings.

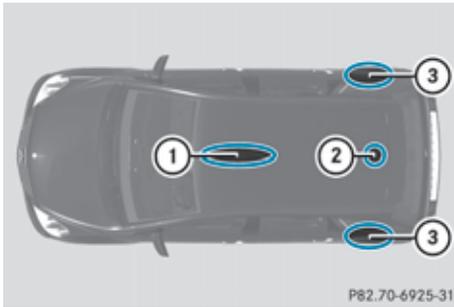
- ❗ Have aftermarket radio frequency transmitting equipment installed at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

The transmission output at the aerial base must not exceed the maximum values below.

Waveband	Maximum transmission output (PEAK)
Short wave (f < 54 MHz)	100 W
4 m waveband	30 W
2 m waveband	50 W
Trunked radio/Tetra	35 W
70 cm waveband	35 W
GSM 900/AMPS	10 W
GSM 1800	10 W
UMTS	10 W

The following aerial positions may be used if RF transmitters have been properly installed:

⁴¹ ISO/TS 21609 – Technical Specification for Road Vehicles (EMC) guidelines for installation of aftermarket radio frequency transmitting equipment.



Aerial positions

- ① Front roof area
- ② Rear roof area
- ③ Rear wing⁴²

Risk of accident

Incorrect retrofitting of RF transmitters can cause the vehicle electronics to malfunction. The vehicle's operating safety and thus your own safety are impaired.

Have aftermarket radio frequency transmitting equipment installed at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

Risk of injury

Incorrect retrofitting of RF transmitters can lead to increased electromagnetic radiation in the vehicle interior. Using an exterior aerial takes into account current scientific discussions relating to the possible health hazards that may result from electromagnetic fields.

Have aftermarket radio frequency transmitting equipment installed at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

Deviations with respect to aerial locations, output and frequencies must be approved by Mercedes-Benz.

There is no restriction for aerial positions in the outer area of the vehicle for these wavebands: trunked radio/Tetra, 70 cm wave-

band, GSM 900/AMPS, GSM 1800 and UMTS.

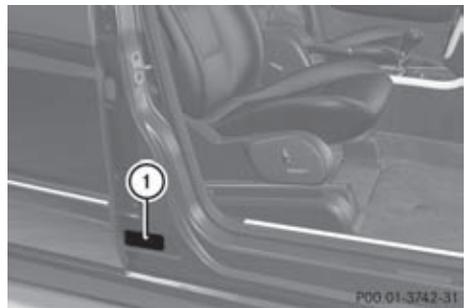
Legal provisions for fittings must be observed.

RF transmitters with a maximum transmission output of 100 mW (PEAK) may be used in the vehicle without restrictions.

! The operating permit may be invalidated if the instructions for installation and use of RF transmitters are not observed, e.g. approved wavebands, maximum output and aerial positions on the vehicle.

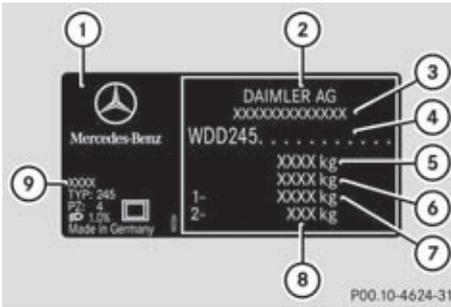
Vehicle identification plates

Vehicle identification plate with vehicle identification number (VIN) and paint code number



- Open the front right-hand door. You will see vehicle identification plate ①.

⁴² Recommended installation position: on the side which faces the centre of the road.



Vehicle identification plate (example)

- ① Vehicle identification plate
- ② Vehicle manufacturer
- ③ EU type approval number
- ④ Vehicle identification number (VIN)
- ⑤ Maximum permissible gross vehicle weight
- ⑥ Maximum permissible mass of vehicle/trailer combination
- ⑦ Maximum permissible front axle load
- ⑧ Maximum permissible rear axle load
- ⑨ Paint code

Vehicle identification number (VIN)

In addition to being stamped on the vehicle identification plate, the vehicle identification number (VIN) is also stamped onto the vehicle body. It is located on the bulkhead in the engine compartment.



- Open the bonnet (▷ page 204). You will see vehicle identification number (VIN) ①.

Engine number

The engine number is stamped on the crankcase. More information can be obtained from any Mercedes-Benz Service Centre.

Service products and capacities

Important safety notes

Service products include the following:

- fuels (e.g. petrol, diesel)
- lubricants (e.g. engine oil, transmission oil)
- coolant
- brake fluid
- windscreen washer fluid

Vehicle components and their respective lubricants must match. Mercedes-Benz recommends that you use products that have been tested and specially approved by Mercedes-Benz. These products are listed in this Mercedes-Benz Owner's Manual in the relevant section.

You can recognise service products approved by Mercedes-Benz by the following inscription on the containers:

- MB-Freigabe (e.g. MB-Freigabe 229.51)
- MB Approval (e.g. MB Approval 229.51)

Other designations or recommendations that relate to a level of quality or a specification in accordance with an MB Sheet number (such as MB 229.5) have not necessarily been approved by Mercedes-Benz.

You can obtain further information from any Mercedes-Benz Service Centre.

Risk of injury

When handling, storing and disposing of any service products, please observe the relevant regulations, as you could otherwise endanger yourself and others.

Keep service products away from children.

To protect your health, do not allow service products to come into contact with your eyes or open wounds. See a doctor immediately if any service product is swallowed.

Environmental note

Dispose of service products in an environmentally-responsible manner.

Fuel

Important safety notes

Risk of explosion

Fuel is highly flammable. Fire, naked flames and smoking are therefore prohibited when handling fuels.

Switch off the engine before refuelling.

Risk of injury

Do not come into contact with fuels.

It is hazardous to your health if your skin comes into direct contact with fuels or you breathe in fuel vapours.

Tank capacity

Total capacity	54 l
Of which reserve fuel	Approximately 6 l

! Do not use petrol to refuel vehicles with a diesel engine. Do not use diesel to refuel vehicles with a petrol engine. Even small amounts of the wrong fuel result in damage to the fuel system and the engine.

Further information on refuelling and on fuels (▷ page 119).

Notes on fuel consumption

The vehicle will use more fuel than usual in the following situations:

- at very low temperatures
- in urban traffic
- on short trips
- when towing a trailer
- in mountainous terrain

i Only for certain countries: the respective current consumption and emission values of your vehicle can be found in the COC papers (EC CERTIFICATE OF CONFORMITY). These documents are supplied when the vehicle is delivered.

The consumption figures for vehicles up to the EURO 4 standard have been determined in accordance with EU Directive 80/1268/EEC while figures for vehicles complying with the EURO 5 standard or higher have been determined in accordance with Regulation (EC) No. 715/2007, in each case based on the currently applicable version. Deviations from these values may occur under normal operating conditions.

! Do not use any fuel additives, as they can cause malfunctions and engine damage.

Environmental note

CO₂ (carbon dioxide) is the gas which scientists believe to be principally responsible for global warming (the greenhouse effect). Your vehicle's CO₂ emissions are directly related to fuel consumption and therefore depend on:

- efficient use of the fuel by the engine
- driving style
- other non-technical factors, such as environmental influences or road conditions

You can minimise your vehicle's CO₂ emissions by driving carefully and having it serviced regularly.

Engine oil

Please bear the following in mind

The quality of engine oils is decisive for the function and service life of an engine. After extensive tests, Mercedes-Benz approves engine oils which correspond to the current technical standard.

Therefore, only Mercedes-Benz approved engine oils may be used in Mercedes-Benz engines.

Further information on tested and approved engine oils can be obtained from any Mercedes-Benz Service Centre. Mercedes-Benz recommends that you have the oil change carried out at a Mercedes-Benz Service Centre. Mercedes-Benz approval is indicated on the oil container by the inscription "MB Approval" and the corresponding designation, e.g. MB Approval 229.51.

The table shows which engines oil have been approved for your vehicle.

Petrol engines	MB Approval
B 160	229.3, 229.31,
B 160⁴³	229.5, 229.51
B 180	
B 180⁴³	
B 200	
B 200 TURBO	

Diesel engines	MB Approval
Vehicles without a diesel particle filter⁴⁴	
B 180 CDI	228.3, 228.5,
B 200 CDI	228.51, 229.3,
	229.31, 229.5,
	229.51
Vehicles with a diesel particle filter	
B 180 CDI	228.51,
B 200 CDI	229.31, 229.51

You can call up an overview of approved engine oils on the Internet at <http://bevo.mercedes-benz.com> by entering the designation, e.g. 229.5.

⁴³ BlueEFFICIENCY.

⁴⁴ Only for certain countries.

⁴⁵ BlueEFFICIENCY.

i If the engine oils listed in the table are not available, you may add a maximum of 1.0 l of the following engine oils, once only, until the next oil change:

- vehicles with a petrol engine: MB Approval 229.1 or ACEA A3
- vehicles with a diesel engine: MB Approval 229.1 or ACEA C3

Capacities

The following values refer to an oil change including the oil filter.

Vehicle model	Replacement amount with oil filter
B 160	5.0 l
B 160⁴⁵	
B 180	
B 180⁴⁵	
B 200	
B 200 TURBO	
B 180 CDI	5.4 l
B 200 CDI	

Additives

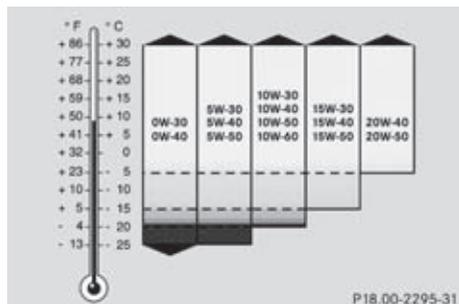
I Do not use additives in engine oil. This could damage the engine.

Engine oil viscosity

Viscosity describes the flow characteristics of a fluid. If an engine oil has a high viscosity, this means that it is thick; a low viscosity means that it is thin.

Engine oil selection is based on the respective outside temperatures and in accordance with the SAE classification (viscosity). The table below shows you which SAE classifications are to be used. The low-temperature properties of engine oils can be significantly

impaired during operation due to, for example, ageing or soot and fuel accretion. It is therefore strongly recommended to observe regular oil changes using an approved engine oil with the appropriate SAE classification.



brake fluid

Risk of accident

The brake fluid constantly absorbs moisture from the air; this lowers its boiling point.

If the boiling point of the brake fluid is too low, vapour pockets may form in the brake system when the brakes are applied hard (e.g. when driving downhill). This would impair braking efficiency.

You should have the brake fluid renewed at regular intervals. The brake fluid change intervals can be found in the Service Booklet.

Only use brake fluid approved by Mercedes-Benz. Information about approved brake fluids can be obtained from any Mercedes-Benz Service Centre.

- i** There is usually a notice in the engine compartment to remind you when the next brake fluid change is due.

coolant

Important safety notes

The coolant is a mixture of water and anti-freeze/corrosion inhibitor. It performs the following tasks:

- anti-corrosion protection
- antifreeze protection
- raising the boiling point

i When the vehicle is first delivered, it is filled with a coolant mixture that ensures adequate antifreeze and corrosion protection.

! Only add coolant that has been premixed with the desired antifreeze protection. You could otherwise damage the engine.

Further information on coolants and on filling can be found in the Mercedes-Benz Specifications for Service Products, MB Approval 310.1, e.g. on the Internet at <http://bevo.mercedes-benz.com>. You can also consult a Mercedes-Benz Service Centre.

! Always use a suitable coolant mixture, even in countries where high temperatures prevail.

Otherwise, the cooling system will not be sufficiently protected from corrosion, and the boiling point will be too low.

If antifreeze/corrosion inhibitor is present in the correct concentration, the boiling point of the coolant will be around 130 °C.

The antifreeze/corrosion inhibitor concentration in the engine cooling system should:

- be at least 50%. This will protect the engine cooling system against freezing down to around -37 °C.
- not exceed 55% (antifreeze protection down to -45 °C); otherwise, heat will not be dissipated as effectively.

If the vehicle has lost coolant, top it up with equal amounts of water and antifreeze/corrosion inhibitor. Mercedes-Benz recom-

mends an antifreeze/corrosion inhibitor which has been approved for Mercedes-Benz.

! The engine cooling system is filled with coolant that must be renewed after 15 years, or after 250,000 km at the latest.

Vehicle data

Vehicle data, B 160

Vehicle dimensions

Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height ⁴⁶	1603 mm
Wheelbase	2778 mm

Vehicle weights

Unladen weight (in accordance with EC directive) ⁴⁷	
Manual transmission	-
AUTOTRONIC	1350 kg

The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

Maximum roof load	75 kg
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

Vehicle data, B 160 BlueEFFICIENCY

Vehicle dimensions

Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height ⁴⁸	1603 mm
Wheelbase	2778 mm

Vehicle weights

Unladen weight (in accordance with EC directive)	1320 kg
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The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

Maximum roof load	75 kg
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⁴⁶ The values specified may differ from the actual values, depending on the tyres, load, optional equipment and the state of the suspension.

⁴⁷ Missing values were not available at time of going to print.

⁴⁸ The values specified may differ from the actual values, depending on the tyres, load, optional equipment and the state of the suspension.

Vehicle weights	
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

Vehicle data, B 180	
Vehicle dimensions	
Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height	1603 mm
Wheelbase	2778 mm

Vehicle weights	
Unladen weight (in accordance with EC directive) ⁴⁹	
Manual transmission	-
AUTOTRONIC	-

The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

⁴⁹ Missing values were not available at time of going to print.

⁵⁰ The values specified may differ from the actual values, depending on the tyres, load, optional equipment and the state of the suspension.

Maximum roof load	75 kg
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

Vehicle data, B 180 BlueEFFICIENCY	
Vehicle dimensions	
Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height ⁵⁰	1603 mm
Wheelbase	2778 mm

Vehicle weights	
Unladen weight (in accordance with EC directive)	1330 kg

The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

Maximum roof load	75 kg
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

Vehicle data, B 200	
Vehicle dimensions	
Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height ⁵¹	1604 mm
Wheelbase	2778 mm

Vehicle weights	
Unladen weight (in accordance with EC directive) ⁵²	
Manual transmission	1345 kg
AUTOTRONIC	1390 kg

The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

Maximum roof load	75 kg
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

Vehicle data, B 200 Turbo	
Vehicle dimensions	
Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height ⁵³	1604 mm
Wheelbase	2778 mm

Vehicle weights	
Unladen weight (in accordance with EC directive)	
Manual transmission	1370 kg
AUTOTRONIC	1405 kg

The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

Maximum roof load	75 kg
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

⁵¹ The values specified may differ from the actual values, depending on the tyres, load, optional equipment and the state of the suspension.

⁵² Missing values were not available at time of going to print.

⁵³ The values specified may differ from the actual values, depending on the tyres, load, optional equipment and the state of the suspension.

Vehicle data, B 180 CDI

Vehicle dimensions	
Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height ⁵⁴	1604 mm
Wheelbase	2778 mm

Vehicle weights

Unladen weight (in accordance with EC directive)	
Manual transmission	1435 kg
AUTOTRONIC	1470 kg

The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

Maximum roof load	75 kg
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

Vehicle data, B 200 CDI

Vehicle dimensions	
Vehicle length (ECE)	4273 mm
Vehicle width including exterior mirrors	2040 mm
Vehicle height ⁵⁵	1604 mm
Wheelbase	2778 mm

Vehicle weights

Unladen weight (in accordance with EC directive)	
Manual transmission	1435 kg
AUTOTRONIC	1470 kg

The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids (fuel tank 90% full). Items of optional equipment increase the unladen weight and reduce the maximum payload.

Maximum roof load	75 kg
Maximum boot load	100 kg

Vehicle-specific weight information can be found on the vehicle identification plate (▷ page 250).

⁵⁴ The values specified may differ from the actual values, depending on the tyres, load, optional equipment and the state of the suspension.

⁵⁵ The values specified may differ from the actual values, depending on the tyres, load, optional equipment and the state of the suspension.

Tailgate opening dimensions



- ① Opening height
- ② Maximum headroom⁵⁶

①	②
1980 - 1981 mm	

- i** The values specified may differ from the actual values depending on the tyres, load, optional equipment and condition of the suspension.

Trailer tow hitch

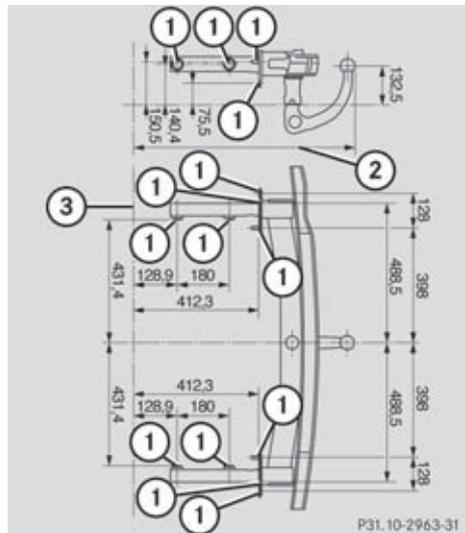
Installation dimensions

Risk of accident

Only have a trailer tow hitch retrofitted at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- !** If you have a trailer tow hitch retrofitted, changes to the cooling system may be necessary, depending on the vehicle type. If you have a trailer tow hitch retrofitted, observe the anchorage points on the chassis frame.

- !** If you have a trailer tow hitch fitted retrospectively without changing the electric radiator fan and the cooling system components, the braked and unbraked total towing weight (trailer weight plus load weight) is reduced to a maximum of 400 kg. If higher towing weights are used, this can result in damage to your vehicle's engine. Any damage that may occur is not covered by the warranty or the implied warranty. Therefore, ensure that you always comply with the maximum total towing weight (max. 400 kg).



Anchorage points for the trailer tow hitch

- ① Anchorage points
- ② Overhang dimension
- ③ Rear axle centre line

For trailer tow hitches fitted at the factory, the overhang dimension is 749 mm.

⁵⁶ Missing values were not available at time of going to print.

Trailer loads				
	B 160 B 160 ⁵⁷	B 180 B 180 ⁵⁷	B 200 B 200 TURBO	B 180 CDI B 200 CDI
Permissible trailer load, braked ⁵⁸	1000 kg	1300 kg	1500 kg	1500 kg
Permissible trailer load, unbraked ⁵⁸	645 kg	645 kg	645 kg	715 kg
Maximum drawbar noseweight ⁵⁹	75 kg	75 kg	75 kg	75 kg
Permissible rear axle load when towing a trailer	935 kg	935 kg	935 kg	935 kg

⁵⁷ BlueEFFICIENCY.

⁵⁸ At a minimum gradient-climbing capability of 12% from a standstill.

⁵⁹ The drawbar noseweight is not included in the trailer load.

Publication details

Internet

Further information about Mercedes-Benz vehicles and about Daimler AG can be found on the following websites:

<http://www.mercedes-benz.com>

<http://www.daimler.com>

Editorial office

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