








>> Owner's Manual.

smart fortwo coupé and smart fortwo cabrio electric drive



Symbols

- * Optional equipment
-  Warning
-  Environmental note
-  Possible vehicle damage
-  Tip
-  Action required
-  Continuation symbol
-  (▷ page) Page reference

Let the fun begin!

Before you first drive off, read this Owner's Manual carefully and familiarise yourself with your vehicle. For your own safety and a longer vehicle life, follow the instructions and warning notices in this manual. Disregarding them may lead to damage to the vehicle or personal injury.

This Owner's Manual provides information on the most important functions of your vehicle.

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

- model
- order
- country variant
- availability

The illustrations in this manual show a left-hand-drive vehicle. On right-hand-drive vehicles, the layout of components and controls differs accordingly.

smart is constantly updating its vehicles to the state of the art.

smart therefore reserves the right to introduce changes in the following areas:

- design
- equipment
- technical features

The equipment in your vehicle may therefore differ from that shown in the descriptions and illustrations.

The following are integral components of the vehicle:

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

Keep printed copies of the documents in the vehicle at all times. If you sell the vehicle, always pass the documents on to the new owner.

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



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Protection of the environment

General 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.

Energy 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

- make sure that the tyre pressures are always correct.
- do not carry any unnecessary weight.
- keep an eye on the vehicle's energy consumption.
- remove rear 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 specialist workshop that is qualified to work on smart electric drive vehicles.

Personal driving style

- drive carefully and maintain a safe distance from the vehicle in front.
- avoid frequent, sudden acceleration.

📌 Environmental note

Have a defective high-voltage battery disposed of in an environmentally-responsible manner. Contact a specialist workshop that is qualified to work on smart electric drive vehicles and has the necessary specialist knowledge and tools to carry out the work required. smart recommends that you use a smart Centre for this purpose.

Returning an end-of-life vehicle

EU countries only:

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

There is a network of return points and disassembly plants available. In these plants you can return your vehicle free of charge. This makes a valuable contribution to the recycling process and the conservation of resources.

For further information on recycling old vehicles, recovery and the terms of the policy, visit the smart homepage.

Product information

smart recommends that you use genuine smart parts, conversion parts and accessories that have been approved for your particular vehicle.

smart tests genuine parts and conversion parts and accessories that have been specifically approved for your vehicle for their reliability, safety and suitability. Despite ongoing market research, smart is unable to assess other parts. smart therefore assumes no responsibility for the use of other parts in smart vehicles. This is also the case, even if they have been independently or officially approved. The use

of non-approved parts could affect your vehicle's operating safety.

smart therefore recommends genuine smart parts, conversion parts and accessories that have been approved for your particular vehicle.

smart genuine parts and approved conversion parts and accessories can be obtained from any smart Centre. Here, you will receive advice about permissible technical modifications, and the parts will be professionally fitted.

Owner's Manual

General notes

Before you first drive off, read this Owner's Manual carefully and familiarise yourself with your vehicle.

For your own safety and a longer vehicle life, follow the instructions and warning notices in this manual. Disregarding them may lead to damage to the vehicle or personal injury.

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 smart Centre.

Operating safety

Important safety notes

WARNING

All work on the vehicle and, in particular, work relevant to safety or on safety-related systems must be carried out at a specialist workshop that is qualified to work on smart electric drive vehicles. The specialist workshop must have the necessary specialist knowledge and tools to carry out the work required. smart recommends a smart Centre for this purpose.

WARNING

Some safety systems only function when the ignition is switched on. Therefore, do not 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. There is also a risk of losing control of your vehicle and causing an accident.

WARNING

If you drive over obstacles at high speed or if the vehicle bottoms out in rough terrain, this could cause heavy impacts to the vehicle underbody, tyres or wheels. Your vehicle may thereby be damaged and as a result you could cause an accident.

Therefore, drive over obstacles slowly. Avoid the vehicle bottoming out off-road and, if necessary, have your vehicle checked at a specialist workshop.

Vehicles with an electric motor generate much less driving noise than vehicles with internal combustion engines. As a result, your vehicle may not be heard by other road users in certain situations. This can happen, for example, when you are parking and your vehicle is not seen by other road users.

This requires you to adopt a particularly anticipatory driving style, as it is neces-

sary to allow for the possibility that other road users may behave erratically.

On vehicles equipped with "Acoustic Vehicle Indication"*[†], a sound generator produces a noise (▷ page 45). The vehicle can be heard better as a result.

Diagnostics connection

WARNING

If you connect equipment to a diagnostics connection, it can affect the operation of the vehicle systems. This could compromise the operating safety of your vehicle while driving. There is a risk of an accident.

Do not connect any equipment to a diagnostics connection.

WARNING

Loose equipment or cables hanging from a device which are connected to a diagnostic connection could impede pedal clearance. The equipment or cables could get caught between the pedals when driving and braking suddenly. This could impair the function of the pedals. There is a risk of accident.

Do not attach any equipment or cables in the driver's footwell.

! If the engine is switched off and equipment on the diagnostics connection is used, the starter battery may discharge.

The diagnostics connection is only intended for the connection of diagnostic equipment at a qualified specialist workshop.

Qualified specialist workshop

A qualified specialist workshop has the special knowledge, tools and qualifications necessary for smart electric drive. These ensure that the necessary work on your vehicle is carried out correctly. This

particularly applies to work relevant to safety.

Please observe the notes in the Service Booklet.

smart recommends that you use a smart Centre that is qualified to deal with smart electric drive.

Always have the following work on your vehicle carried out at a qualified specialist workshop:

- work relevant to safety
- service and maintenance work
- repair work
- alterations, installation work and modifications
- work on electronic components

Modifications to the vehicle

WARNING

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.

Therefore, always have work on and alterations to the vehicle, e.g. installations or modifications, carried out at a specialist workshop that is qualified to work on smart electric drive vehicles.

WARNING

Work carried out incorrectly, or alterations made to the vehicle could cause systems on your vehicle to stop working properly. As a result, there is a risk that you may lose control of your vehicle and thus cause an accident.

Therefore, always have work on the drive system and alterations to the vehicle, e.g. installations or modifications, carried

out at a specialist workshop that is qualified to work on smart electric drive vehicles.

WARNING

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.

Therefore, always have work on and alterations to electronic components carried out at a specialist workshop that is qualified to work on smart electric drive vehicles.

- !** It is not permitted to retrofit a trailer coupling.

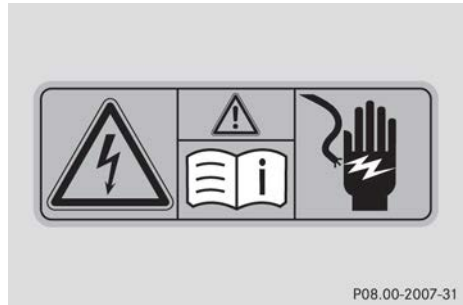
High-voltage electrical system

Danger of electric shock

DANGER

The vehicle's high voltage electrical system is under high voltage. If you modify components in the vehicle's high-voltage electrical system or touch damaged components, you may be electrocuted. The components in the vehicle's high-voltage electrical system may be damaged in an accident, although the damage is not visible. There is a risk of fatal injury.

Do not touch any high-voltage components after an accident and never modify the vehicle's high-voltage electrical system. Have the vehicle towed away after an accident and the vehicle's high-voltage electrical system checked by a qualified specialist workshop.



All of the vehicle's high-voltage electrical system components are marked with yellow warning stickers which warn you of the dangers of high voltages. The cables of the vehicle's high-voltage electrical system are orange in colour.

When performing general work on the vehicle, such as replacing bulbs or checking the coolant level, make sure that:

- the ignition is switched off
- the charging cable for charging the high-voltage battery is disconnected

Automatically switching off the vehicle's high-voltage electrical system

The vehicle's high-voltage electrical system is switched off automatically if:

- the restraint systems are activated in the event of an accident.
- an electrical short circuit is detected in the vehicle's high-voltage electrical system.
- an electrical connection in the vehicle's high-voltage electrical system is disconnected.

This is to ensure that you do not come into contact with high voltage.

High-voltage battery

WARNING

In the event of a vehicle fire, the internal pressure of the high-voltage battery could exceed a critical value. In this case, flam-

mable gas escapes through a vent valve in the vehicle's underbody. The gas can ignite. There is a risk of injury.

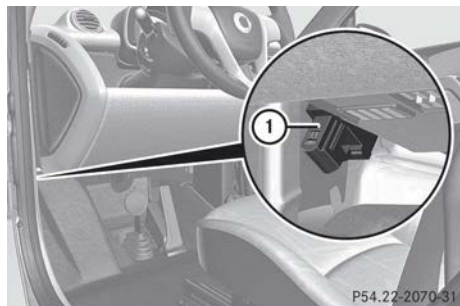
Leave the danger area immediately. Secure the danger area at a suitable distance, whilst observing legal requirements.

WARNING

If the housing of the high-voltage battery has been damaged, electrolyte and gases may leak out. These are poisonous and caustic. There is a risk of injury.

Avoid contact with the skin, eyes or clothing. Immediately rinse electrolyte splashes off with water and seek medical attention straight away.

High-voltage disconnect device



Your vehicle is equipped with a high-voltage disconnect device (1) which can be used to switch off the vehicle's high-voltage electrical system.

! The vehicle's high-voltage electrical system must only be switched off when the vehicle is stationary by specially trained technicians. The vehicle's high-voltage electrical system may otherwise be damaged.

Correct use

Observe the following information when using the vehicle:

- all safety information contained in these operating instructions
- the "Technical data" section in this Owner's Manual
- national road traffic regulations
- national road traffic licensing regulations

WARNING

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.

QR codes for rescue card

The QR code is secured in the fuel filler flap and on the opposite side on the B-pillar. In the event of an accident, rescue services can use the QR code to quickly find the appropriate rescue card for your vehicle. The current rescue card contains, in a compact form, the most important information about your vehicle, e.g. the routing of the electric cables.

You can find more information under [https://portal.aftersales.i.daimler.com/public/content/asportal/en/communication/informationen_fuer/QRCode.html](https://portal aftersales.i.daimler.com/public/content/asportal/en/communication/informationen_fuer/QRCode.html).

Data stored in the vehicle

A large number of your vehicle's electronic components contain data memory.

The data memory temporarily or permanently stores technical information about:

- the vehicle's operating state
- events
- faults

The technical information generally documents the condition of a component, module, system or the environment.

This information includes, for example:

- The operating status of system components, including, for instance, fluid levels, battery charge levels.
- Status messages concerning the vehicle and its individual components, including, for instance, the number of wheel revolutions/speed, deceleration in movement, lateral acceleration.
- Malfunctions and defects in key system components, including, for instance, lights, brakes.
- The vehicle's responses in particular driving situations, including, for instance, deployment of an airbag, use of stability control systems.
- Environmental conditions, including, for instance, the outside temperature.

This information is exclusively of a technical nature and is used to:

- assist in the detection and elimination of faults and defects
- optimise vehicle functions

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

If you have the vehicle serviced, this technical information can be read out from the event and fault data memory.

Service includes, for example:

- repair work
- service work
- warranty claims
- quality assurance

The readout is handled by service network staff (including the manufacturer) with the

help of special diagnostic testers. You can obtain more detailed information, if required.

After the fault has been rectified, the information is cleared in the fault memory or is sequentially overwritten.

During vehicle operation, certain situations may arise in which this technical data - in conjunction with other information and, if applicable, after consultation with an approved assessor - may be linked to an individual person.

Examples of this include:

- accident reports
- vehicle damage
- witness reports

In the case of electric vehicles which can communicate charging information, data related to charging and the charge status are transmitted to the charging station and manufacturer. This facilitates intelligent charging and the implementation of convenience functions for customers. Some of this data is available to customers via the Vehicle Homepage (▷ page 88).

In addition, battery usage data is transmitted to the manufacturer in set intervals for quality control and product improvement purposes.

The data is transmitted via:

- the communications function
- a mobile communications module integrated in the vehicle (if the vehicle is equipped with it)

Additional functions that have been contractually agreed upon with the customer also make it possible to transmit particular vehicle data from the vehicle. These additional functions include, for instance, a vehicle locating feature in the event of emergencies.

Copyright information**General notes**

You can find information on licences for free and open-source software used in your vehicle and its electronic components on the following website:

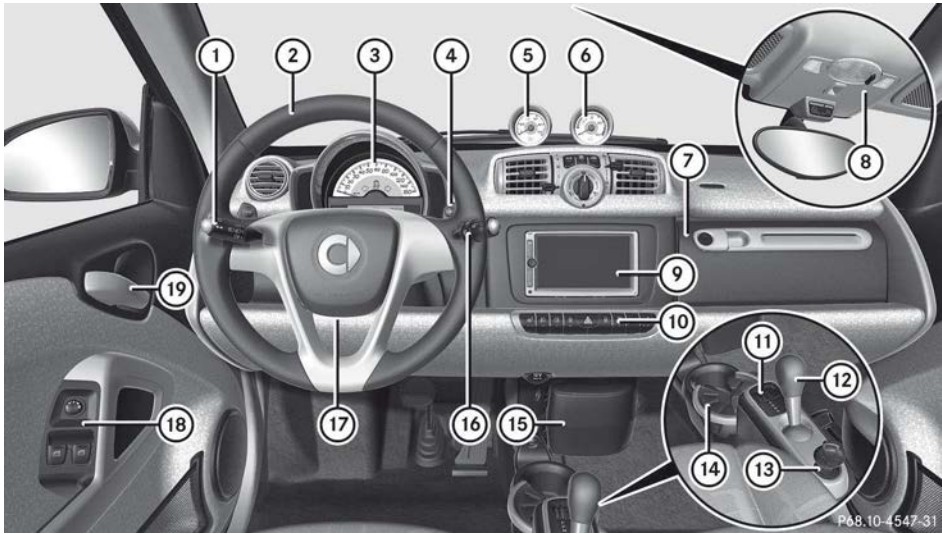
[http://www.mercedes-benz.com/
opensource](http://www.mercedes-benz.com/opensource)



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Cockpit

Left-hand-drive vehicle



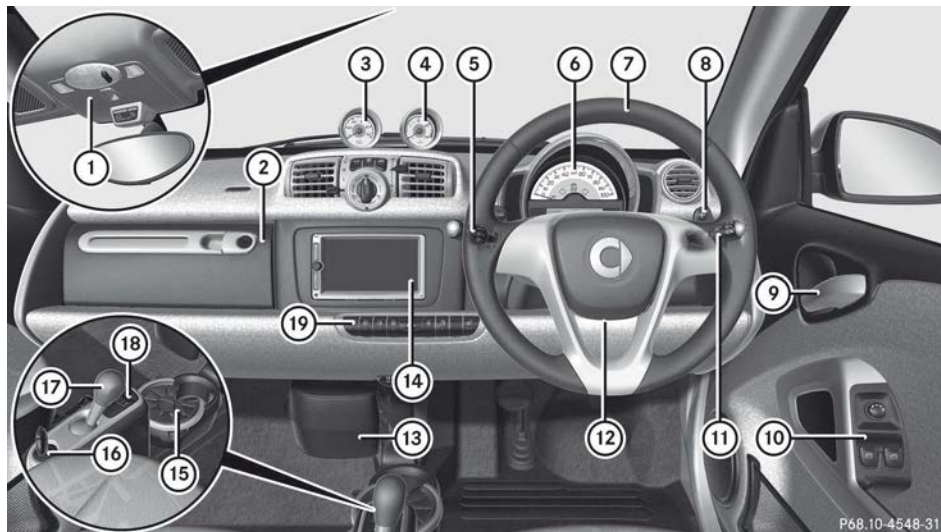
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¹ On smart fortwo cabrio.

Right-hand-drive vehicles



>> At a glance.

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	Function	Page
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⑯	Ignition lock	52
⑰	Gear lever	71
⑱	Coin holder	114
	Soft-top switch ²	66
⑲	Switch strip	

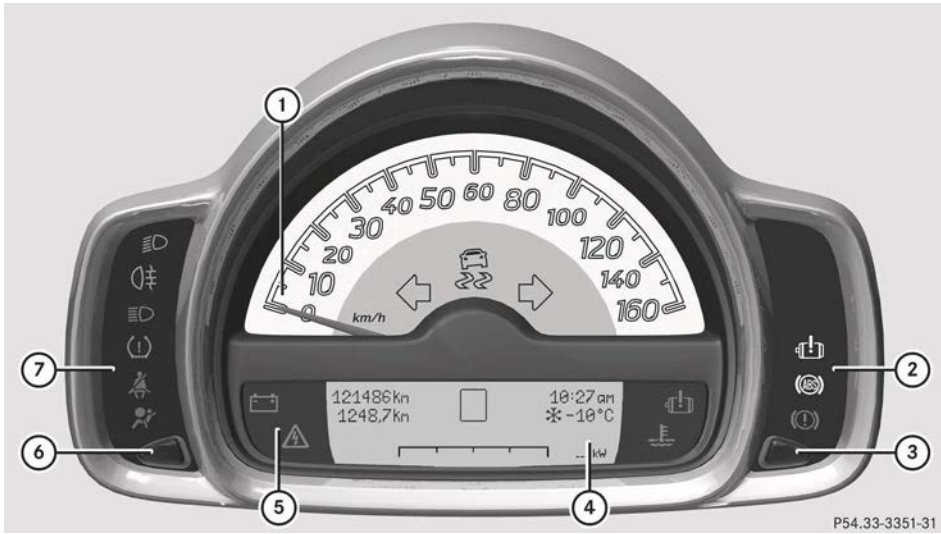
² On smart fortwo cabrio.

* optional

Instrument cluster

Kilometres

>> At a glance.



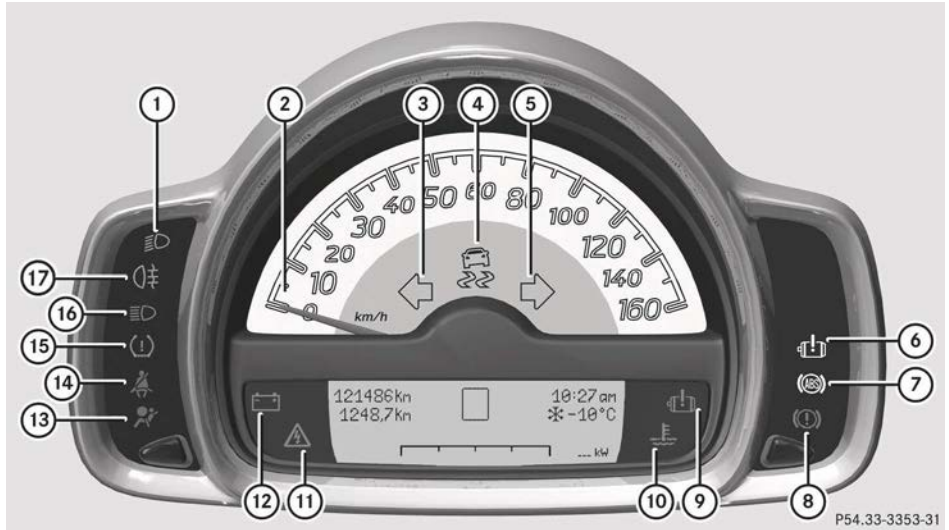
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* optional

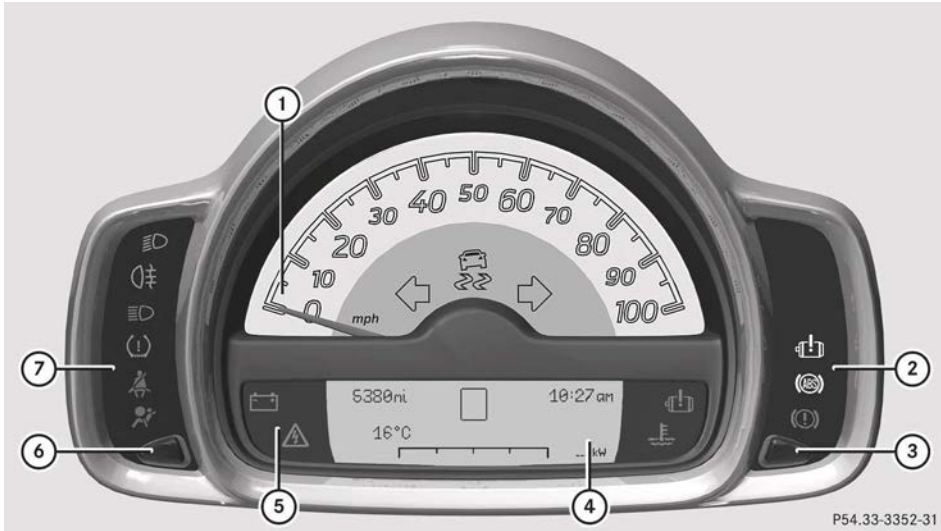
Warning and indicator lamps



P54.33-3353-31

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Miles



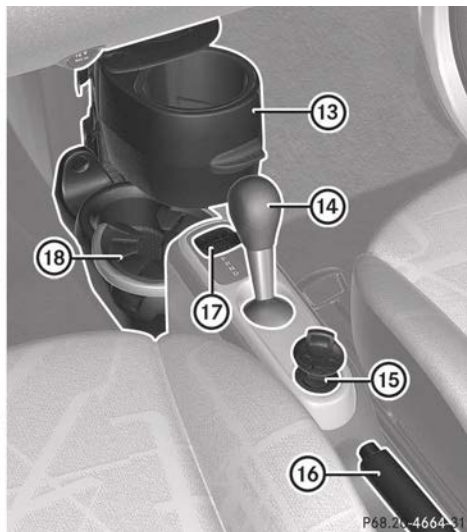
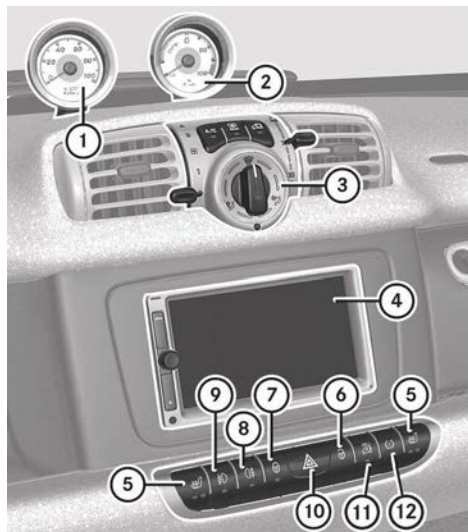
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	Function	Page
①	Speedometer	
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③	Adjusts the instrument cluster lighting Adjusts the ambient lighting*	96 62
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	Function	Page
⑥	Resets the trip meter Resets the trip computer Switches between the total distance recorder and trip meter	97 98 97
⑦	Left-hand display with warning and indicator lamps	23

i The warning and indicator lamps overview can be found here (▷ page 23).

Centre console



P68.25_4664_31

	Function	Page
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②	Power display	96
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⑬	Stowage box*	115
⑭	Gear lever	71
⑮	Ignition lock	52
⑯	Parking brake	72
⑰	Coin holder Soft-top switch ⁴	114 66
⑱	Cup holder*	112

³ Vehicles with rain and light sensor*.

⁴ On fortwo cabrio.

* optional

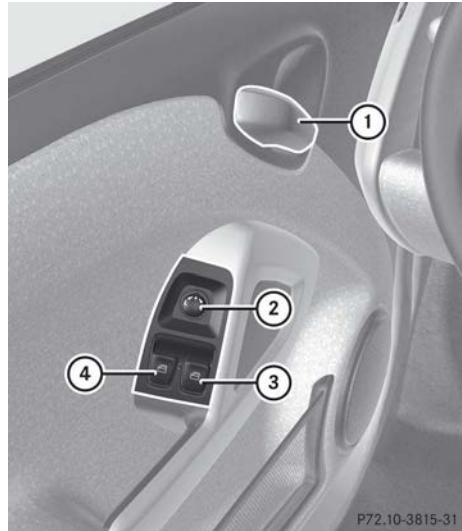
Overhead control panel



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Door control panel



P72.10-3815-31

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Vehicle equipment

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

i Please read the information on qualified specialist workshops (> page 14).

Occupant safety

Seat belts

Important safety notes

Seat belts – complemented by belt tensioners and belt force limiters – in combination with the airbags form a finely tuned Supplemental Restraint System (SRS). SRS can reduce the risk to occupants of contact with the vehicle interior in critical driving situations, thereby increasing driving safety.

WARNING

A seat belt which is not worn, which is worn incorrectly, or which has not been engaged in the seat belt buckle correctly, cannot perform its intended protective function. Under certain circumstances, this could result in severe or even fatal injuries. Make sure that all vehicle occupants – in particular, pregnant women – wear their seat belt correctly at all times.

You must make sure that the belt:

- is routed as low as possible across your pelvic area, i.e. across your hip joints and not across your abdomen
- fits closely
- is not twisted

- is routed across the middle of your shoulder
- is not routed across your neck or under your arm
- is tightened across the lap by pulling upwards on the child's shoulder belt

Do not secure any objects with a seat belt if the seat belt is being used by one of the vehicle's occupants.

Avoid wearing bulky clothing, e.g. a winter coat.

Do not route the belt strap across sharp-edged or fragile objects, especially if these are on or in your clothing, e.g. spectacles, pencils or keys. The seat belt strap could be damaged and you could be injured.

Only one person should use each seat belt at any one time.

Children must never travel sitting on the lap of another occupant. It would not be possible to restrain the child, and the child or other vehicle occupants could be injured seriously or even fatally in the event of abrupt braking.

Persons under 1.50 m tall or under twelve years of age cannot wear the belts properly. In addition, you need suitable child restraint systems* fitted on suitable seats. Always follow the manufacturer's installation instructions when fitting a child restraint system*.

WARNING

A seat belt can only offer its intended degree of protection if the backrest is positioned as close to the vertical as possible and the occupant is sitting upright. Avoid seat positions that do not allow the seat belt to be routed correctly. Position the backrest as close to the vertical as possible. Do not drive with the backrest inclined too far back. Otherwise, you could be seriously or even fatally injured in the event of an accident or sudden braking.

WARNING

Modifications to or work performed incorrectly on restraint systems (seat belts, anchorages, belt tensioners, belt force limiters or airbags) or their wiring, as well as work on other networked electronic systems, may prevent the restraint systems from working correctly. Airbags and belt tensioners could fail, e.g. in the event of an accident, the deceleration force of which would normally be sufficient to trigger the systems, or could be triggered unintentionally. Never carry out any modifications on the restraint systems. Never tamper with electronic components and their software.

WARNING

The seat belt cannot function correctly if the belt or buckle is dirty or damaged. Keep the belt and buckle clean, otherwise the belt tongue cannot engage correctly.

Regularly check the seat belts to make sure that they are not:

- damaged
- routed over sharp edges
- trapped

Otherwise the belt could tear in the event of an accident. You or others could be seriously or even fatally injured.

Have seat belts which have been damaged or subjected to heavy loads in an accident replaced and have their anchorages checked. Consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. smart recommends that you use a smart Centre for this purpose.




For safety reasons, smart recommends that you only use seat belts which have been specially approved for your vehicle by smart or which are equally as safe. Further information can be obtained at a qualified specialist workshop, e.g. a smart Centre.

DANGER



If the restraint system is malfunctioning, restraint system components may be triggered unintentionally or might not be triggered at all in the event of an accident with a high rate of vehicle deceleration. This can affect belt tensioners or airbags, for example. In addition, the vehicle's high-voltage electrical system may not be deactivated as intended in the event of an accident. Touching damaged components of the vehicle's high-voltage electrical system could result in an electric shock. There is an increased risk of injury, possibly even fatal.


Have the restraint system checked and repaired immediately at a qualified specialist workshop. After an accident, immediately switch the ignition off and remove the key from the ignition lock.

A malfunction has occurred if:

- airbag indicator lamp  does not go light up after you switch on the ignition
- airbag indicator lamp  does not go out a few seconds after starting the drive system
- the drive system is running and airbag indicator lamp  lights up again

Belt warning

The  seat belt warning lamp in the instrument cluster is a reminder that all vehicle occupants must wear their seat belts. It may light up continuously or flash. In addition, a warning tone may sound. The  seat belt warning lamp goes out and the warning tone ceases when the driver and the front passenger have fastened their seat belt.


Further information about the  seat belt warning lamp (▷ page 146).

Belt tensioners and belt force limiters

The seat belts are equipped with belt tensioners and belt force limiters. Their functions are explained below:

Belt tensioners:

- tighten the seat belts when they are triggered, in order to keep the belt strap close to the body
- only trigger in an accident where there is a high rate of longitudinal vehicle deceleration or acceleration, e.g. in a frontal collision

If the belt tensioner is triggered, the  airbag indicator lamp in the instrument cluster lights up.

A triggered belt force limiter reduces the load exerted on an occupant by the seat belt during an accident.

The belt force limiter is synchronised with the front airbag, which absorbs a part of the deceleration force of the seat belt by spreading the load over a greater area.

When the ignition is switched on, the belt tensioner is triggered in the event of a frontal or rear-end collision. For this to occur, the vehicle must be decelerating or accelerating rapidly in a longitudinal direction during the initial stages of the impact.

WARNING

Belt tensioners can only be triggered once. After triggering, they are no longer operational and must be replaced. In particular, work relevant to safety or on safety-related systems must be carried out at a specialist workshop that is qualified for smart electric drive vehicles. smart recommends that you use a smart Centre for this purpose.

Comply with safety regulations when disposing of belt tensioners. You can get more information on the regulations at a qualified specialist workshop, e.g. a smart Centre.

Airbags

Airbags can reduce the injuries in heavy collisions, e.g. head-on collisions or side impacts.

WARNING

Airbags, potentially offer additional protection in conjunction with a correctly worn seat belt, however they are not a replacement for seat belts.

To reduce the risk of serious or fatal injuries in the event of an accident or similar situation with a high rate of deceleration, e.g. injuries caused by an airbag inflating within milliseconds or sudden braking, please observe the following points:


- all vehicle occupants must select a seat position that allows the seat belt to be worn correctly and 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 arms must be slightly bent when holding the steering wheel. The driver must maintain a distance from the pedals that allows him/her to depress them fully.
- choose a seat position that is as far away from the airbag as possible which still, however, allows the vehicle to be driven safely.
- vehicle occupants should always wear their seat belt correctly and position their backrest as close to the vertical as possible. The head restraint must support the back of the head at about eye level. Move the front-passenger seat as far back as possible, especially if a child is secured in a child restraint system* on this seat.
- do not use rearward-facing child seats if the front-passenger airbag cannot be disabled.
- do not lean forwards, e.g. over the padded boss of the steering wheel, particularly when the vehicle is in motion.

* optional

- do not put your feet on the dashboard.
- only hold the steering wheel by the rim. This allows the airbag to inflate 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.
- do not place any objects on the airbags or between the airbags and the vehicle occupants.
- do not hang any hard objects, for example, coat hangers, on the grab handles or coat hooks.

It is not possible to rule out the risk of injuries being caused by an airbag due to the high speed with which the airbag is required to deploy.

How the airbags work

The airbags inflate within milliseconds. If the airbag has been deployed, the  airbag indicator lamp in the instrument cluster lights up.

- i** If 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 damage your hearing. The powder that is released generally does not constitute a health hazard.

Airbag deployment slows down and restricts the movement of the vehicle occupant. When the vehicle occupant comes into contact with the front airbags and head/thorax sidebags, hot gas flows out of them. This reduces the force acting on the occupant's head and chest. These airbags are therefore depressurised after the accident.

WARNING

After an airbag has been deployed:

- airbag parts are hot. Do not touch them, or you could be burned.
- it must be replaced at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. In particular, work relevant to safety or on safety-related systems must be carried out at a specialist workshop that is qualified for smart electric drive vehicles. smart recommends that you use a smart Centre for this purpose.

WARNING


A small amount of powder is released when an airbag deploys. This powder does not constitute a health hazard, nor does it indicate a fire in the vehicle. The powder may cause short-term breathing difficulties to persons suffering from asthma or other pulmonary conditions. In order to prevent possible breathing difficulties you should leave the vehicle as soon as it is safe to do so, or open a window to get fresh air.


Driver's airbag/front-passenger front airbag

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

The driver's front airbag and front-passenger front airbag are deployed:


- at the start of an accident with a high rate of vehicle acceleration or deceleration in a longitudinal direction
- independently of other airbags in the vehicle
- if the vehicle overturns, the airbags are generally not deployed. However, they are deployed if the system detects high vehicle deceleration in a longitudinal direction.

The passenger airbag is enabled when the ignition is switched on unless the passenger airbag has been manually disabled. If the passenger airbag is deactivated and the ignition is switched on, the PASSENGER AIRBAG OFF  indicator lamp in the overhead control panel (▷ page 41) lights up permanently.

When the front passenger airbag is activated and the ignition is switched on, the PASSENGER AIRBAG ON  indicator lamp lights up for 60 seconds. The indicator lamp then goes out.

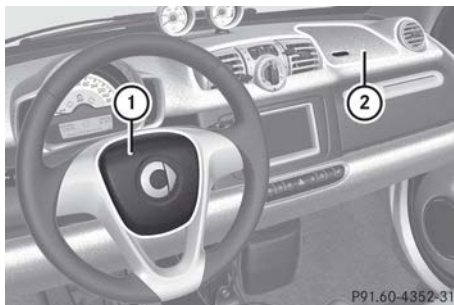
Deactivating the passenger airbag:
(▷ page 41).

WARNING

If the  PASSENGER AIRBAG OFF indicator lamp in the overhead control panel does not light up, the passenger airbag is not deactivated. If the passenger airbag is not deactivated, a child secured in a child restraint system on the passenger seat could be seriously or even fatally injured by the passenger airbag deploying. This is particularly the case if the child is in the immediate vicinity of the passenger airbag when it is deployed.

Do not use a rearward-facing child seat if the passenger airbag cannot be disabled. You can only disable the passenger airbag manually.

The driver's airbag deploys in front of the steering wheel; the front-passenger front airbag deploys above the glove compartment.



- ① Driver's airbag
- ② Front-passenger front airbag

Head/thorax sidebags

WARNING

To reduce the risk of injury when a head/thorax sidebag is deployed, you should make sure that:

- there are no other persons, animals or objects between the vehicle occupants and the deployment range of the head/thorax sidebags.
- no accessories, e.g. drinks holders, are attached to the doors.

WARNING

Observe the following notes to reduce the risk of serious or fatal injury if a head/thorax sidebag is deployed:

- vehicle occupants, in particular children, must not lean their heads into the area of the window in which a head/thorax sidebag is deployed.
- vehicle occupants must always wear their seat belt correctly and position their backrest as close to the vertical as possible.
- always secure children less than 1.50 m tall or under 12 years of age in suitable child restraint systems.

WARNING

If you wish to use seat covers, smart recommends that, for safety reasons, you only

use seat covers that have been approved for smart vehicles or seat covers which are equally safe.

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 smart Centre, for example.

The purpose of head/thorax sidebag deployment is to 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 head/thorax sidebags 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 the use of the seat belt
- independently of the front airbags
- independently of the belt tensioners

The head/thorax sidebags are integrated into the driver's and front-passenger seat backrests.



① Head/thorax sidebags

Children in the vehicle

If a child is travelling in the vehicle:

- secure the child in a child restraint system suitable to the child's age and size*
- make sure that the child is secured throughout the trip

You can obtain information about the correct child restraint system from any smart Centre.

WARNING

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

The children could:

- injure themselves on parts of the vehicle
- be severely or even fatally injured by prolonged exposure to intense heat or cold

If the children open a door, they could:

- injure other people in doing so
- get out of the vehicle and thereby injure themselves or be injured by a passing vehicle

Do not expose the child restraint system to direct sunlight. The child restraint system could become hot, for example on the metallic parts, and the child could burn itself.

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

An unsecured or incorrectly positioned load increases the risk of injury to the child in the event of:

- sharp braking
- a sudden change in direction
- an accident

* optional

Child restraint system*

Without suitable child restraint systems:

- the seat belts cannot be routed correctly.
- children have an increased risk of injury, as their bones and muscles are not yet fully developed.

Children need suitable child restraint systems in order to reduce the increased risk of injury if they are under 1.50 m or under 12 years of age.

smart recommends using the listed child restraint systems (▷ page 39).

! Always observe the country-specific regulations.

As a guide to child restraint system safety standards, smart refers to current test reports by various independent institutions (e.g. automobile clubs, consumer institutions etc.).

Before buying and using a child restraint system, smart recommends that you try the child restraint system in the vehicle first. Comply with the manufacturer's installation instructions.

If you use a rearward-facing child restraint system on the front-passenger seat, you must disable the front-passenger front airbag (▷ page 41).

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



Example: approval label on the child restraint system

The warning stickers are on the passenger sun visor.



Suitable seat positions

Weight category	Child restraint system on the front-passenger seat
Category 0: up to 10 kg	Universal ^{5, 6}
Category 0+: up to 13 kg	Universal ^{5, 6}
Category I: 9 to 18 kg	Universal ⁵

⁵ Suitable for child restraint systems in the "Universal" category that are approved for use in this weight category.

⁶ Only when the passenger airbag is deactivated.

Weight category	Child restraint system on the front-passenger seat
Category II: 15 to 25 kg	Universal ⁵
Category III: 22 to 36 kg	Universal ⁵

⚠ WARNING

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

- Always secure children less than 1.50 m tall or under 12 years of age in special child restraint systems on a suitable seat in the vehicle, as the seat belts are not designed for persons of this size.
- children must never travel sitting on the lap of another occupant. Due to the forces occurring in the event of an accident, heavy braking or sudden change in direction, it would not be possible to restrain the child. They may be thrown against parts of the vehicle interior and be seriously or fatally injured
- All vehicle occupants must always have their seat belt fastened correctly.
- If you fit a child restraint system to the front-passenger seat, you must move the front-passenger seat as far back as possible.

⚠ WARNING

If the child restraint system is not fitted correctly to a suitable seat, the child may not be secured in the event of an accident or sudden braking and may be seriously or even fatally injured. When fitting a child restraint system, you must observe the manufacturer's installation instructions and correct use of the child restraint system.

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

Child restraint systems must not be used without their original cover. Only replace damaged covers with genuine Mercedes-Benz covers.

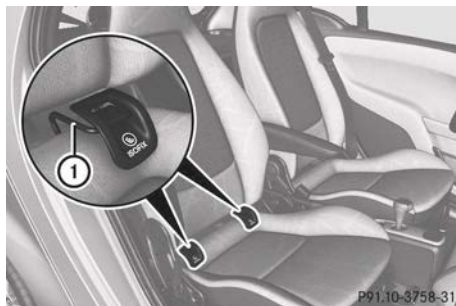
⚠ WARNING

If the child restraint system or its securing system has been damaged or subjected to a load in an accident, a child subsequently secured in it could be seriously or fatally injured in the event of an accident, braking or a sudden change in direction.

Child restraint systems that are damaged or have been subjected to a heavy load in an accident must be checked immediately, along with their mountings, at a specialist workshop that is qualified for smart electric drive vehicles and replaced if necessary. smart recommends that you use a smart Centre for this purpose.

ISOFIX child seat securing system

ISOFIX is a standardised securing system for specially designed child seats on the passenger seat. The anchorage points are located between the seat cushion and the seat backrest.



① Securing rings

⁵ Suitable for child restraint systems in the "Universal" category that are approved for use in this weight category.

i Before you install an ISOFIX child seat on the front-passenger side, you must engage the belt tongue in the belt buckle (> page 58). If you start the motor with the front-passenger door closed and the belt tongue is not engaged, the red seat belt warning lamp lights up.

 **WARNING**

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 lap-shoulder belt.

 **WARNING**

If the child restraint system is not fitted correctly to a suitable seat, the child may not be secured in the event of an accident or sudden braking and may be seriously or even fatally injured. Follow the manufacturer's installation instructions when fitting the child restraint system.

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, make sure that it is engaged in the anchorage point on both sides.

 **WARNING**

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
- be severely or even fatally injured by prolonged exposure to intense heat or cold

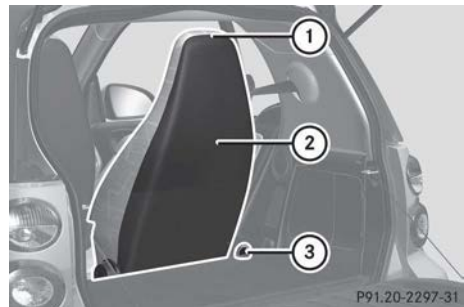
Size categories

Weight category	Size category	Equipment	ISOFIX position in the vehicle: front-passenger seat
Carry-cot	F	ISO/L1	Not suitable ⁷
	G	ISO/L2	Not suitable ⁷
Category 0: up to 10 kg	E	ISO/R1	Semi-universal ⁸
Category 0+: up to 13 kg	E	ISO/R1	Semi-universal ⁸
	D	ISO/R2	Semi-universal ⁸
	C	ISO/R3	Semi-universal ⁸
Category I: 9 to 18 kg	D	ISO/R2	Semi-universal ⁸
	C	ISO/R3	Semi-universal ⁸
	B	ISO/F2	Universal ⁹
	B1	ISO/F2X	Universal ⁹
	A	ISO/F3	Universal ⁹
Category II: 15 to 25 kg	–	–	Not suitable ⁷
Category III: 22 to 36 kg	–	–	Not suitable ⁷

Top Tether

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

The Top Tether anchorage is attached to the luggage compartment floor. The Top Tether belt guide is at the top of the head restraint.

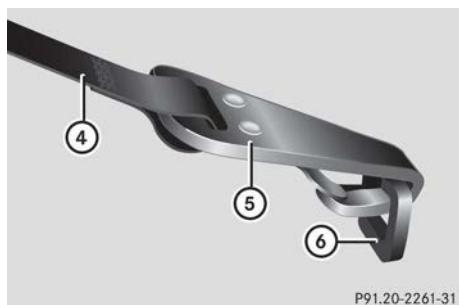


- ① Top Tether guide
- ② Front-passenger seat
- ③ Top Tether anchorage

⁷ ISOFIX position that is not suitable for ISOFIX child restraint systems in this weight category and/or size category.

⁸ Suitable for certain ISOFIX child restraint systems (CRS). These ISOFIX child restraint systems are in the "semi-universal" category. "smart fortwo" must be included in the manufacturer's vehicle type list.

⁹ Suitable for forward-facing ISOFIX child seat securing systems that belong to the "universal" category which are approved for use in this weight category.



- ④ Top Tether belt for the ISOFIX child restraint system
- ⑤ Top Tether hook
- ⑥ Top Tether anchorage
- ▶ Thread Top Tether belt ④ from the passenger compartment into Top Tether guide ①.
- ▶ Route Top Tether belt over the head restraint into the luggage compartment.
- ▶ Attach Top Tether hook ⑤ to Top Tether anchorage ⑥ in the floor of the luggage compartment.
- ⓘ If you are using the luggage compartment Divider plus*, the Top Tether hooks and the luggage compartment Divider plus* are attached using the same anchorage points.
- ▶ Fit the ISOFIX child restraint system with Top Tether. Comply with the manufacturer's installation instructions when doing so.

Recommended child restraint systems

The automatic child seat recognition is only available in vehicles with the appropriate fittings.

The smart fortwo does not have automatic child seat recognition. Therefore, for the use of a rearward-facing child restraint system, the passenger airbag must be manually disabled (> page 41).

Weight categories	Manufacturer	Type	Approval number (E1 ...)	Order number (A 000 ...)	Automatic child seat recognition
Category 0: up to 10 kg up to approximately 6 months	Britax Römer	BABY SAFE PLUS	03 301146	970 10 00	Yes
			04 301146	970 20 00	
Category 0+: up to 13 kg up to approximately 15 months	Britax Römer	BABY SAFE PLUS	03 301146	970 10 00	Yes
			04 301146	970 20 00	
Category I: 9 to 18 kg between approximately 9 months and 4 years	Britax Römer	DUO PLUS	03 301133	970 11 00	Yes
			04 301133		
Category II/III: 15 to 36 kg between approximately 4 and 12 years	Britax Römer	KIDFIX	04 301198	970 18 00	Yes

Suggested ISOFIX child restraint system from the Universal category

Weight categories	Size category	Manufacturer	Type	Approval number (E1 ...)	Order number	Automatic child seat recognition
Carry-cot	F	–	–	–	–	–
	G	–	–	–	–	–

Weight categories	Size category	Manufacturer	Type	Approval number (E1 ...)	Order number	Automatic child seat recognition
Category 0: up to 10 kg	E	–	–	–	–	–
Category 0+: up to 13 kg	E	Britax Römer	BABY SAFE ISOFIX PLUS	04 301146	B6 6 86 8224	No
	D	–	–	–	–	–
	C	–	–	–	–	–
Category I: 9: up to 18 kg	D	–	–	–	–	–
	C	–	–	–	–	–
	B	–	–	–	–	–
	B1	Britax Römer	DUO PLUS	04 301133	A00 970 11 00	Yes
	A	–	–	–	–	–


Front-passenger front airbag indicator lamp


The indicator lamp for the front-passenger airbag shows the activation status of the front-passenger airbag.




- ① PASSENGER AIRBAG ON indicator lamp
- ② PASSENGER AIRBAG OFF indicator lamp

If the passenger airbag is disabled and the ignition is switched on, PASSENGER AIR-

BAG OFF  indicator lamp ② lights up permanently.

If the front-passenger airbag is activated and the ignition is switched on, PASSENGER AIRBAG ON  indicator lamp ① lights up for 60 seconds. The indicator lamp then goes out.

WARNING

If the  PASSENGER AIRBAG OFF indicator lamp in the overhead control panel does not light up, the passenger airbag is not deactivated. If the passenger airbag is not deactivated, a child secured in a child restraint system on the passenger seat could be seriously or even fatally injured by the passenger airbag deploying. This is particularly the case if the child is in the immediate vicinity of the passenger airbag when it is deployed.

Do not use a rearward-facing child seat if the passenger airbag cannot be disabled.


You can only disable the passenger airbag manually.

Enabling and disabling the passenger airbag


If you use a rearward-facing child restraint system on the front-passenger seat, you must disable the front-passenger front airbag.

WARNING

A child must never be secured on the front-passenger seat in a rearward-facing child restraint system if:


- the front-passenger front airbag is not disabled
- the  PASSENGER AIRBAG OFF indicator lamp is not lit.

Also observe the corresponding warning sticker on the instrument cluster.

If you have disabled the front-passenger front airbag manually but the  PASSENGER AIRBAG OFF indicator lamp is not lit, have the passenger airbag deactivation system checked at a qualified specialist workshop.

Do not carry children before having the vehicle checked, as they could be seriously or fatally injured in the event of an accident.

WARNING

If the  PASSENGER AIRBAG OFF indicator lamp is lit, the passenger airbag is disabled. It will then not be deployed in the event of an accident. This poses an increased risk of injury or even fatal injury.



Do not use the passenger seat if the passenger airbag has been deactivated. When using the passenger seat, always make sure that the PASSENGER AIRBAG ON indicator lamp lights up for 60 seconds and then goes out.






Warning symbol for a rearward-facing child restraint system

The lock is in the dashboard on the passenger side.



- ▶ Insert the key into lock ① and push it in beyond the point of resistance.
- ▶ **To deactivate:** turn the key anti-clockwise. The PASSENGER AIRBAG OFF  indicator lamp on the overhead control panel lights up.
- ▶ **To activate:** turn the key clockwise. The PASSENGER AIRBAG ON  indicator lamp on the overhead control panel lights up for 60 seconds and then goes out.

Problems with airbag deactivation

Problem	Possible causes/consequences and ► Solutions
The PASSENGER AIR-BAG OFF  indicator lamp is on.	The passenger airbag has been disabled manually. ► Do not use the passenger seat, except with a rearward-facing child restraint system.
	The passenger airbag has not been disabled manually. The airbag deactivation is malfunctioning. ► Do not use a rearward-facing child restraint system on the front-passenger seat. ► Visit a qualified specialist workshop.
The PASSENGER AIR-BAG ON  indicator lamp is lit and goes off after 60 seconds.	The passenger airbag was manually activated. The system operates correctly.
The PASSENGER AIR-BAG ON  indicator lamp does not light up if the passenger airbag was activated manually.	There is a malfunction in the airbag system. ► Do not use the passenger seat. ► Visit a qualified specialist workshop.

Driving safety systems

Note

WARNING

The risk of an accident increases in particular when you drive too fast, especially when cornering or on wet and slippery roads as well as when you drive too close to the vehicle in front. The driving safety systems described in this section cannot reduce this risk nor override the laws of physics. You should therefore always adapt your driving style to suit the prevailing road and weather conditions and maintain a sufficient distance from other road users and objects on the road.


Anti-lock braking system (abs)

The **anti-lock braking system (abs)** prevents locking of the braked wheel. This allows you to continue steering the vehicle enabling you to avoid obstacles.

i If abs intervenes when braking, you will feel a pulsing in the brake pedal. abs intervenes regardless of road-surface conditions if there is a danger of at least one wheel locking. abs works on slippery surfaces, even when you only brake gently.

In emergency braking situations:

- depress the brake pedal quickly and with maximum force.
- steer around the obstacle.
The vehicle remains steerable.

-  Depress the brake pedal quickly and with maximum force, even if it is already pulsating. This enables the maximum braking effect to be achieved.

WARNING

You should always adapt your driving style to suit the prevailing road and weather conditions and maintain a sufficient distance from other road users and objects on the road.



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.

Electronic stability program (esp®)

The vehicle is equipped with the **Electronic Stability Program (esp®)** as standard. esp® monitors driving stability and traction, i.e. power transmission between the tyres and the road surface.

esp® may intervene in the following driving situations:

- avoiding an obstacle that suddenly appears
- when cornering at excessive speed
- spinning of the drive wheels when pulling away

-  While esp® intervenes, the  warning lamp flashes in the instrument cluster.


esp® detects when a wheel spins or the vehicle starts to skid.

Depending on the driving situation:

- esp® reduces throttle.
- esp® brakes individual wheels selectively.
- esp® adjusts the speed of rotation of the drive wheels.

- esp® stabilises the vehicle under braking.
- esp® supports you when manoeuvring.


WARNING

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.

If you drive too fast, esp® cannot reduce the risk of an accident. esp® cannot override the laws of physics.


-  When the parking brake is being tested using a dynamometer:

- leave the gear lever in position **N**
- the key must be in position **1** in the ignition lock.

Application of the brakes by esp® could otherwise destroy the brake system on the rear axle.

Hydraulic Brake Assist

The hydraulic Brake Assist intervenes in emergency braking situations. If you depress the brake pedal quickly but not firmly enough, the hydraulic Brake Assist automatically boosts the braking force and may shorten 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. The hydraulic Brake Assist is deactivated.

Activation of the hazard warning lamps after an emergency braking manoeuvre

If you brake sharply from a speed of more than 70 km/h to a standstill, the hazard warning lamps are then activated automatically when the vehicle comes to a standstill.

The hazard warning lamps remain on until switched off by pressing the hazard warning lamp switch (▷ page 61) or a speed of 10 km/h is exceeded.

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:** turn the key to position 1 in the ignition lock.

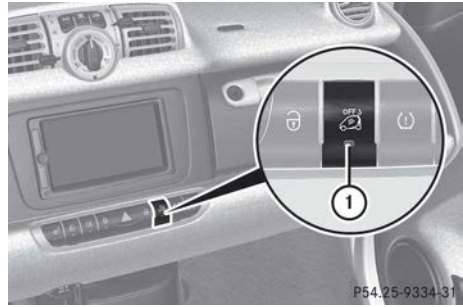
Anti-theft alarm system*

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

- the tailgate or a door is opened.
- the vehicle interior is entered.
- there is movement in the vehicle interior.
- the vehicle is not level.
- the left door is not opened with the key.

i The alarm is not switched off even if you close an open door. You can only switch off the alarm with the key.

Before priming the anti-theft alarm system, make sure the side windows and tailgate are closed. Make sure that there are no moving objects in the vehicle interior.



- ▶ **To activate:** lock the vehicle by using the remote control key.

Indicator lamp ① flashes briefly.

The anti-theft alarm system is primed after approximately 25 seconds.

The indicator lamp flashes every three seconds.

- i** You can also prime the alarm system without locking the vehicle using the remote control key (▷ page 151).
- ▶ **To deactivate:** unlock the vehicle by using the remote control key.
- ▶ **To stop the alarm:** insert the key into the ignition lock.

or

- ▶ Press the ② or ③ button on the key. The alarm is switched off.

Tow-away protection* and interior protection*

The primed anti-theft alarm* sounds an alarm if:

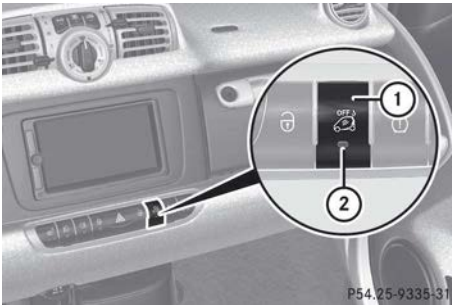
- the vehicle is lifted on one side
- movement is detected inside the vehicle.

- ▶ **To prime:** lock the vehicle using the remote control key.
Tow-away protection and the interior motion sensor are primed after approximately 25 seconds.
- ▶ **To switch off:** unlock the vehicle using the remote control key.
Tow-away protection and interior protection are deactivated.

Deactivate tow-away protection and interior protection if you lock your vehicle and:

- it is being transported
- it is being loaded onto a ferry or car transporter, for example
- people or animals remain in the vehicle.
- the side windows remain open.

This will prevent false alarms.



- ▶ Remove the key from the ignition lock.
 - ▶ Press button ① within 60 seconds.
Indicator lamp ② in the button lights up.
 - ▶ Lock the vehicle using the remote control key.
- i** The next time you lock the vehicle with the remote control key, tow-away protection and the interior protection are primed again.

Acoustic Vehicle Indication*

Vehicles with an electric motor generate much less driving noise than vehicles with internal combustion engines. As a result, your vehicle may not be heard by other road users in certain situations.

To counteract this, a sound generator installed in the vehicle produces a specific noise at speeds between 0 and 30 km/h. This function is called Acoustic Vehicle Indication. It makes it possible for other road users, especially pedestrians and cyclists, to hear your vehicle better. Acoustic Vehicle Indication can also be heard in the vehicle interior.

The volume of Acoustic Vehicle Indication depends on the engine speed. The more you accelerate, the louder the noise. At speeds of over 30 km/h, the noise is switched off. Above this speed, the driving noise naturally created by the vehicle is sufficient for the vehicle to be heard by other road users in good time.



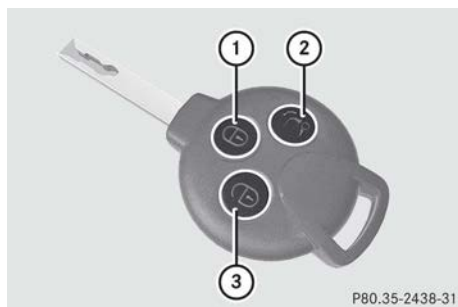
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Vehicle equipment

- i** This Owner's Manual describes all models and all standard and optional equipment available to your vehicle at the time of publication of the Owner's Manual. Country-specific deviations are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.
- i** Please read the information on qualified specialist workshops (> page 14).

Opening and closing

Key



Key with remote control

- ① To lock the vehicle
 - ② To open the folding roof¹⁰/upper tailgate¹¹
 - ③ To unlock the vehicle
- i** If the key with remote control no longer functions, replace the batteries (> page 152) or contact a qualified specialist workshop e.g. a smart Centre.
 - i** Never leave the key in the vehicle. You could lock yourself out.
 - i** The right-hand door and the tailgate can only be locked or unlocked using the key's remote control.

¹⁰ fortwo Cabriolet only.

¹¹ fortwo coupé only.

Opening the doors from inside the vehicle



- ▶ Pull door handle ①.
- When the driver's door is open, a warning tone sounds:
- when the ignition is switched on and a gear is engaged and neither the brake pedal nor the accelerator pedal is depressed
 - when the lighting system is switched on and the ignition is switched off

Double-pull function

If the vehicle is locked, you must first unlock the doors from the inside before you can open them.

WARNING


Do not leave children unsupervised in the vehicle. They could open a door from the inside even if it is locked and thereby endanger themselves and others.

- ▶ Pull once on door handle ① of the driver's or passenger door. Both doors are unlocked. The indicator lamp in the central locking button goes out.
- ▶ Pull once again on door handle ① of the driver's or passenger door. The corresponding door is opened.

Manual locking and unlocking

Locking/unlocking the vehicle from the outside


Unlocking the vehicle with the key

- ▶ Press the  button once.
The turn signals flash once.
- i** The remote control has a range of up to 15 m. The range of the remote control can vary greatly depending on the nature of the environment (reflective or absorptive objects) and interference from other radio systems. The range is also not the same in all directions.

Locking the vehicle with the key

WARNING

Never leave children unsupervised in the vehicle. They could open even a locked door from inside the vehicle or start the vehicle if the key is left in it and thereby endanger themselves and others. You should therefore take the key with you when leaving the vehicle, even if you are only leaving it for a short time. Do not leave children unsupervised in the vehicle even if they are secured in a child restraint system*. Children could injure themselves on parts of the vehicle or could be seriously or even fatally injured by prolonged exposure to extremely high or low temperatures.

- ▶ Close the vehicle doors.
- ▶ Press the  button.
The turn signals flash three times.
The indicator lamp in the central locking button on the switch strip in the upper section of the centre console flashes.
The exterior* and interior lighting switches on automatically and switches off again after twelve seconds.

To lock and unlock in an emergency:
(▷ page 151).

* optional

Locking/unlocking the vehicle from the inside

You can centrally lock and 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.



- ▶ **To lock:** press button **1**.
You hear the central locking mechanism lock the vehicle.
The indicator lamp in button **1** is lit.
- ▶ **To unlock:** press button **2**.


Automatic locking feature


auto-relock function

If you do not open either the driver's or passenger door after you have unlocked the vehicle, it will automatically relock after approximately 60 seconds.

drive lock function

The drive lock function locks the vehicle doors at speeds above 14 km/h. When delivered, the drive lock function is deactivated.

- ▶ **To activate:** switch off the ignition.
- ▶ Simultaneously press the central locking button on the switch strip and the  button on the key.
A warning tone sounds. The drive lock function is activated.

- ▶ **To deactivate:** switch off the ignition.
- ▶ Simultaneously press the central unlocking button on the switch strip and the  button on the key.
A warning tone sounds. The drive lock function is deactivated.

Additional door locking function*

Using the additional locking function, you can lock the vehicle from the outside so that the vehicle can no longer be unlocked from the inside.

WARNING




Do not leave children unsupervised in the vehicle, even if they are secured in a child restraint system. Children could injure themselves on parts of the vehicle or could be seriously or even fatally injured by prolonged exposure to extremely high or low temperatures.

WARNING

When the additional locking function is activated, persons in the vehicle interior can no longer open the doors and therefore cannot leave the vehicle.


As a result, persons cannot escape from the vehicle in hazardous situations.

For this reason, you should never activate the additional locking function when you leave the vehicle and persons are still inside it.


- ▶ **To lock the vehicle:** press the  button on the key.
The turn signals flash three times. The vehicle locks audibly.
- ▶ **To activate the additional locking function:** press the  button on the key again within two seconds.
The turn signals flash three times. The vehicle locks audibly. The vehicle can no longer be opened from inside.
- ▶ **To deactivate the additional door locking function:** press the  button on the key.
The vehicle can be opened from inside.

Opening the upper section of the tailgate (coupé)



- ▶ Make sure that the vehicle is unlocked and at a complete standstill.
- ▶ Press and hold the  button on the key for about two seconds.

or

- ▶ Pull the release handle in recess .
- ▶ The upper tailgate is now unlocked.
- ▶ Swing the upper tailgate up.

WARNING

Do not transport heavy and hard objects in the vehicle interior and the luggage compartment if they are unsecured.

Otherwise, occupants could be injured by objects being thrown around the vehicle interior in the event of:

- sharp braking
- a change of direction
- an accident

Even when you follow all loading directions, the load increases the risk of injury in the event of an accident.

Opening the lower section of the tailgate (coupé)



- ▶ Pull back right or left release lever ①.
- ▶ Swing the lower tailgate down. The lower tailgate is held horizontal by the two support cables.

Closing the tailgates on the coupé

WARNING





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



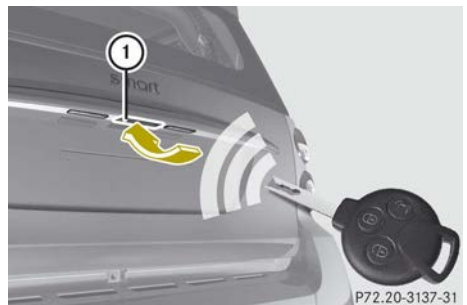
- ▶ Fold up the lower tailgate and make sure both release catches engage audibly.
- ▶ Lower the upper tailgate and push it closed.

Opening/closing the folding roof from the outside (cabrio)

You can open the soft top fully with the key.

- ▶ **To open:** press and hold the  button on the key for about two seconds.
 - ❗ If you press  or  on the soft-top switch while opening, the soft top will stop in its current position.
- ▶ **To close:** press  on the soft-top switch.
 - ❗ The key's remote control has a range of up to 15 metres. Make sure that you do not open your vehicle's soft top unintentionally.

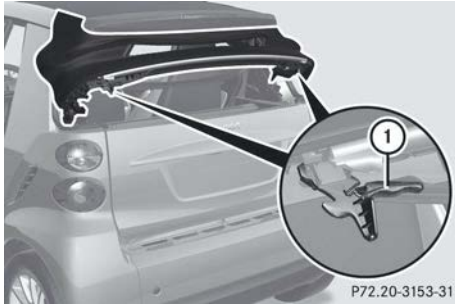
Opening the tailgate on the cabrio



- ▶ Make sure that the vehicle is unlocked.
- ▶ Press the button in recess ①.
- ▶ Swing the tailgate down.

Swinging up the tail cover (cabrio)

You can swing the tail cover up for loading and unloading.



- ▶ **To open:** press the left and right catch levers ① up.
- ▶ Swing the tail cover up.
- ❗ When closing the tailgate, you must first lock the tail cover. Otherwise, you could break the catch lever.
- ▶ **To close:** swing the tail cover down.
- ▶ Make sure that the tail cover is engaged correctly on both sides.

Closing the tailgate on the cabrio

- ▶ Swing the tailgate upwards until it engages.

Key positions



Ignition lock

- 0 To remove the key
- 1 Ignition (power supply for all consumers) and drive position
- 2 To start the engine
- i The indicator and warning lamps light up on the instrument cluster when you switch on the ignition. They go out after no more than ten seconds. This shows that the indicator and warning lamps for each respective system are operational.
- i When you start the vehicle, the **READY** (▷ page 94) indicator appears in the instrument cluster. The indicator and warning lamps in the instrument cluster go out. The power display changes from "Off" to "0" (▷ page 95).

Seats

Important safety notes

Adjust the driver's seat to the correct position in relation to the pedals and the steering wheel before setting off.

WARNING

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.

⚠ WARNING

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.

⚠ WARNING

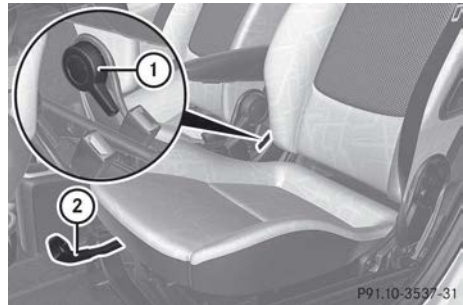
To reduce the risk of serious or fatal injuries in the event of an accident with a high rate of deceleration, e.g. injuries caused by an airbag inflating within milliseconds or sudden braking, please observe the following points:

- All vehicle occupants must select a seat position that allows the seat belt to be worn correctly and 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 arms must be slightly bent when holding the steering wheel. The driver must maintain a distance from the pedals that allows him to depress them fully.
- Move the passenger seat as far back as possible, especially if a child is secured in a child restraint system* on this seat.
- Vehicle occupants should always wear their seat belt correctly and position their backrest as close to the vertical as possible.

⚠ WARNING

In the event of damage to the seats, consult a specialist workshop that is qualified for smart electric drive vehicles. smart recommends a smart Centre for this purpose.

The seat is part of the safety system in the same way as, for example, the seat belts and airbags. The safety function can only be fulfilled when the seats are undamaged.



- ① Adjustment lever (backrest angle)
- ② Handle (fore-and-aft adjustment of the seat)

Backrest angle adjustment

- ▶ **To set:** sit on the front seat.
 - ▶ Relieve the pressure on the backrest.
 - ▶ Pull adjustment lever ① upwards.
 - ▶ Move your upper body into an almost vertical seating position.
 - ▶ Release adjustment lever ①. Make sure that you hear the adjustment mechanism engage in position.
- i** To adjust the backrest angle when the front seat is not occupied, hold onto the seat backrest with one hand.

Seat fore-and-aft adjustment**⚠ WARNING**

Make sure, after adjustment, that the seat engages properly, otherwise an unexpected movement of the seat while driving could cause you to lose control of the vehicle and thereby cause an accident.

⚠ WARNING

When adjusting the seat position in the fore-and-aft direction, do not grasp the seat guides. There is a danger of entrapment.

* optional

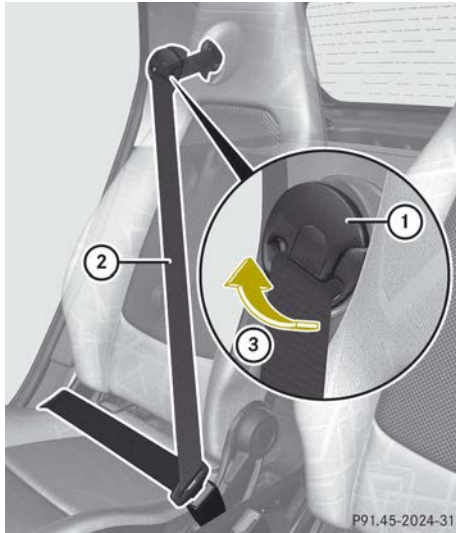
- ▶ **To adjust:** pull handle ② upwards.
- ▶ Adjust the seat.
- ▶ Release adjuster lever ②.
The seat adjustment mechanism must engage audibly into position on both sides.

Seat height

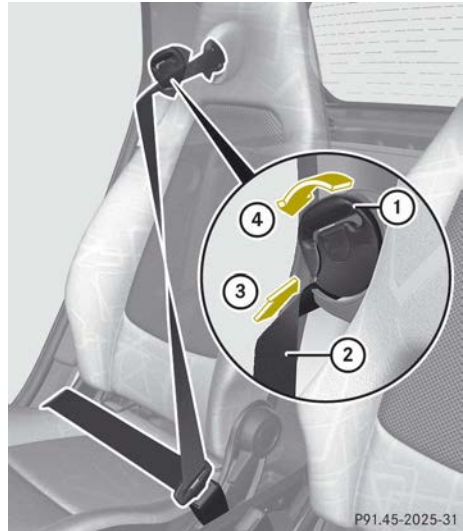
The seat guide is tilted horizontally. When you adjust the seat in the fore-and-aft direction, the seat height is also altered.

Belt guide

You can remove the seat belt from the belt sash guide. Remove the seat belt if you want to fold the front-passenger seat backrest forwards.

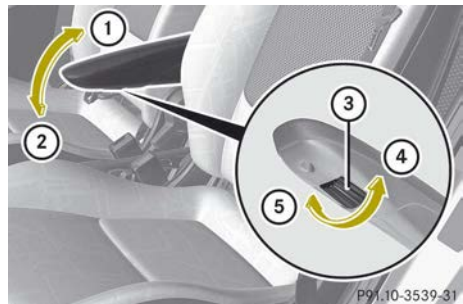


- ▶ **To remove:** turn belt guide ① as far as possible in the direction of arrow ③ until the slot is on the outside.
- ▶ Remove seat belt ② from the slot.



- ▶ **To insert:** insert the seat belt tongue into the buckle.
Seat belt ② moves to the correct position.
- ▶ Turn belt guide ① as far as possible in the opposite direction to arrow ④ until the slot faces away from the seat.
- ▶ Turn seat belt ② by 180° as shown.
- ▶ Insert seat belt ② into the slot as shown ③.
- ▶ Turn back belt guide ① in the direction of arrow ④ until the slot faces the seat.

Armrest* on the driver's seat



Folding up and down

- ▶ **Up:** hold the front of the armrest and fold it in the direction of arrow ①.
- ▶ **Down:** hold the front of the armrest and fold it in the direction of arrow ②.

Adjusting the angle

You can adjust the angle of the folded down armrest.

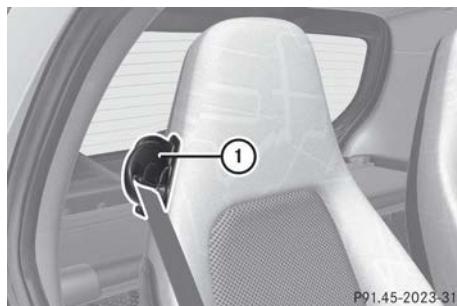
- ▶ Turn thumbwheel ③.
 - Arrow direction ④: adjusts down
 - Arrow direction ⑤: adjusts up

Front-passenger seat

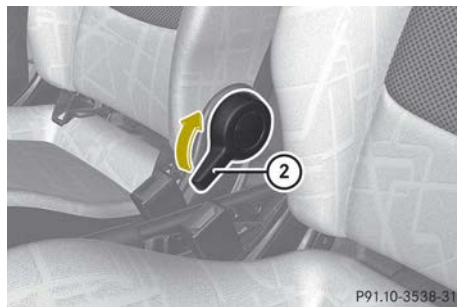
You can increase the size of the luggage compartment by folding the front-passenger seat backrest forwards.

Observe the loading guidelines (▷ page 110).

Folding down



- ▶ Remove the seat belt from the seat belt guide (▷ page 54).
- ▶ Slide the passenger seat all the way back.



- ▶ Hold onto the backrest with one hand.
- ▶ Pull adjustment lever ② up and release the backrest.
- ▶ Fold the backrest forwards.

Folding back

⚠ WARNING

When adjusting the passenger seat, make sure that:

- nobody can become trapped
- no objects are trapped in the locking mechanism
- the adjustment lever engages audibly

Otherwise, objects in the boot could come loose if not held back by the seat backrest, in the event of an accident, sudden braking or abrupt change in direction and could injure vehicle occupants.

- ▶ Pull adjustment lever ② up and release the backrest.
- ▶ Fold the backrest back. The backrest must audibly engage.
- ▶ Guide the seat belt back into the seat belt guide (▷ page 54).

Seat heating*

You can electrically heat the driver's and passenger seats.

* optional



The seat heating has two heating levels.

Function	Indicator lamp in the switch
Off	All indicator lamps are off
Level 1	One indicator lamp is lit
Level 2	Two indicator lamps are lit

- ▶ Make sure that the key is in position **1** 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.
- i** Switch on seat heating and lower the temperature in the vehicle interior at the same time. The high-voltage battery will consume less energy this way.

Problems with the seat heating

Problem	Possible causes/consequences and ► Solutions
When you press the button for the seat heating, the indicator lamp lights up briefly then goes off again.	The seat heating is faulty. ► Visit a qualified specialist workshop.

Mirrors

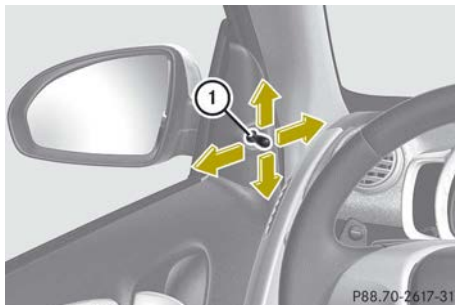
Note

WARNING

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.

Make sure that the rear-view mirror and the exterior mirrors are set correctly before every journey. This is the only way to ensure that you have a clear view to the rear at all times.

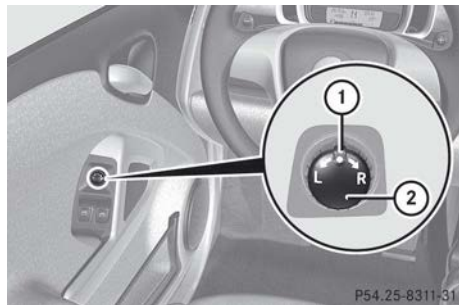
Manually adjustable exterior mirrors



- **To adjust the mirror:** move lever ① to the right or left, up or down.

Electrically adjustable exterior mirrors*

The control switch is located on the driver's door.



- Make sure that the key is in position 1 in the ignition lock.
- **To select the mirror to be adjusted:** turn mirror selection switch ① clockwise or anti-clockwise.
- **To adjust the mirror:** press adjustment knob ② to the right or left, up or down.

Exterior mirror heating*

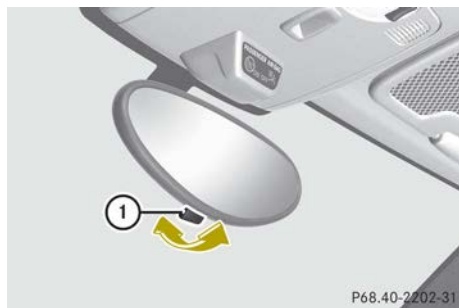
Vehicles with electrically-adjustable exterior mirrors also have exterior mirror heating. When the rear window heating is switched on, the exterior mirror heating de-ices and demists the exterior mirrors automatically to enable a clear view. When the rear window heating switches off automatically after ten minutes, the exterior mirror heating is also switched off.

* optional

- i** If the battery voltage is too low, the rear window heating and therefore also the exterior mirror heating may switch off.
- ▶ **To switch on:** turn the key to position **1** in the ignition lock.
- ▶ Switch on the rear window heating (> page 110). The exterior mirror heating is switched on.
- ▶ **To switch off:** press the rear window heating button again. The exterior mirror heating is switched off.
- i** If you turn the key to position **0** in the ignition lock, the exterior mirror heating is also switched off.

Rear-view mirror

- ▶ Adjust the rear-view mirror by hand so you have a good overview of the traffic conditions.



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

Seat belts

Notes

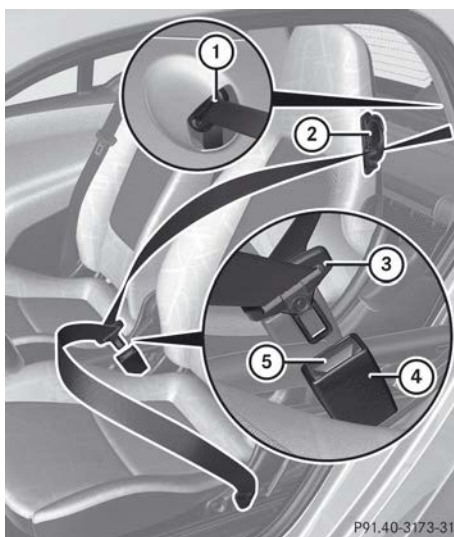
Pay attention to the "Important safety notes" (> page 28).

The seat belt system consists of:

- seat belts
- integrated belt tensioners and belt force limiters

In conjunction with the airbags, the seat belt system provides a high level of safety in the event of an accident.

Fastening seat belts



- ① Inertia reel
- ② Belt guide
- ③ Belt tongue
- ④ Buckle
- ⑤ Release button

- ▶ **To fasten the seat belt:** remove bulky clothing, e.g. a winter coat.
- ▶ Adjust the seat and move the backrest to an almost vertical position.
- ▶ Pull the seat belt smoothly from inertia reel ①.
- ▶ Route the seat belt over the centre of your shoulder.
- ▶ Guide the lower lap section of the seat belt across the hip bone.
- ▶ Engage belt tongue ③ in buckle ④.

- ▶ If necessary, pull upwards on the shoulder section of the seat belt to tighten the belt across your body.
- ▶ Make sure that the seat belt is not twisted or trapped and is not routed across sharp edges or fragile objects.
- ▶ **To release the seat belt:** press release button ⑤ and guide belt tongue ③ towards belt reel ①.

Correct driver's seat position



- ① Steering wheel
- ② Seat belt
- ③ Seat

WARNING

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.

- ▶ Make sure that seat ③ (▷ page 52) is adjusted properly.

Make sure that:

- you are as far away from the driver's airbag 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 can depress the pedals properly.
- ▶ Make sure that you have fastened seat belt ② properly (▷ page 58).

It should:

- fit snugly across your body
- be routed across the centre of your shoulder
- be routed in the pelvic area across the hip joints

Lights

Light switch



For reasons of safety, smart 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.

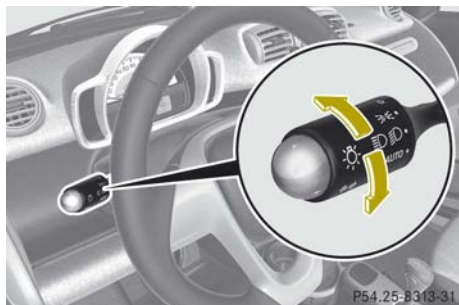
If the daytime driving lights function is activated, the daytime driving lights are switched on when the engine is started.







Vehicles without a rain/light sensor

- 0 Lights off
- >00< Side lamps


-  Dipped-beam headlamps or main-beam headlamps
-  Rear foglamps and dipped-beam headlamps



Vehicles with a rain/light sensor*

-  Lights off
-  Side lamps
-  Dipped-beam headlamps or main-beam headlamps
-  Switches on rain/light sensor*

Dipped-beam headlamps

- ▶ **To switch on:** turn light switch to . The dipped-beam headlamps come on.

LED daytime driving lights* /daytime driving lights* via the main headlamps

Only vehicles with daytime driving lights have this function.




Depending on the vehicle equipment, your vehicle will have either LED daytime driving lights or daytime driving lights via the main headlamps.

If the vehicle has daytime driving lights via the main headlamps, the dipped-beam headlamps and side lamps are switched on.



Switching on the daytime driving lights

- ▶ Start the engine. The daytime driving lights are switched on.


Switching off the daytime driving lights (vehicles without a rain/light sensor)

- ▶ Switch on side lamps  or dipped-beam headlamps  (▷ page 60) or rear foglamp  (▷ page 62). The daytime driving lights are switched off.


Switching off the daytime driving lights (vehicles with a rain/light sensor*)

- ▶ Switch on side lamps  or dipped-beam headlamps  (▷ page 60). The daytime driving lights are switched off.


or

- ▶ Turn the light switch to . If the dipped-beam headlamps are set to switch on automatically when it is dark, the daytime driving lights are switched off.

Deactivating the daytime driving lights function

- ▶ Switch the ignition off.
- ▶ Remove the key from the ignition lock.
- ▶ Switch on the headlamp flasher and press button  on the key simultaneously. A warning tone sounds. The daytime driving lights function is deactivated.

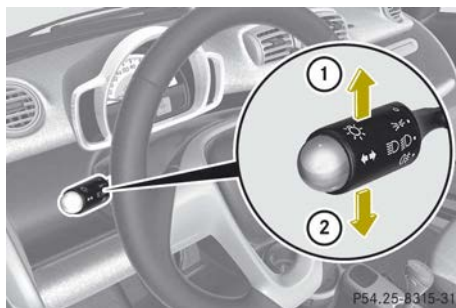
Reactivating the daytime driving lights function

- ▶ Switch the ignition off.
- ▶ Remove the key from the ignition lock.
- ▶ Switch on the headlamp flasher and press button  on the key simultaneously. A warning tone sounds. The daytime driving lights function is reactivated.

Combination switch (turn signals, main-beam headlamps and headlamp flasher)

- ▶ Make sure that the key is in position 1 in the ignition lock.

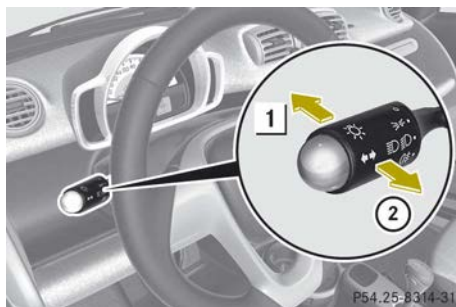
Turn signals





► **To switch on:** press the combination switch in the direction of arrow ① or ②. The corresponding indicator lamp in the instrument cluster flashes. The combination switch automatically returns to its original position after large steering movements.

i If you only wish to indicate briefly, press the combination switch briefly in the appropriate direction. The corresponding turn signal flashes three times.


Main-beam headlamps and headlamp flasher



► **To switch on the main-beam headlamps:** turn the combination switch to .

► Press the combination switch in the direction of arrow ①. The main-beam headlamps come on. The  main-beam indicator lamp in the instrument cluster lights up.

► **To switch off the main-beam headlamps:** pull the combination switch in the direction of arrow ②.

The main-beam headlamps go off. The  main-beam indicator lamp in the instrument cluster goes out.

► **To use the headlamp flasher:** briefly pull the combination switch in the direction of arrow ②.

Hazard warning lamps

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




► **To switch on and off:** press button ①.

Surround lighting*

Vehicles with a rain/light sensor*: depending on the prevailing ambient light conditions, the vehicle lighting is switched on and switched off again after twelve seconds if you lock or unlock the vehicle.


When leaving the vehicle

► Remove the key.

► Press the  button on the key. The vehicle is locked. The vehicle's exterior lighting is switched on automatically and switched off again after twelve seconds.

* optional

When returning to the vehicle

- ▶ Press the  button on the key. The vehicle is unlocked. The vehicle's exterior and interior lighting is switched on and switched off again after twelve seconds.

Ambient lighting*

When the dipped-beam headlamps are switched on, the ambient lighting illuminates the vehicle interior with six LED lamps which can be dimmed.

The LED lamps are located:

- in the overhead control panel
- in the door stowage compartments on the driver's and front-passenger sides
- in the stowage compartments next to the steering wheel
- in the stowage compartment on the front-passenger side

In addition to the ambient lighting, the driver's and front-passenger footwells are illuminated by other lamps.

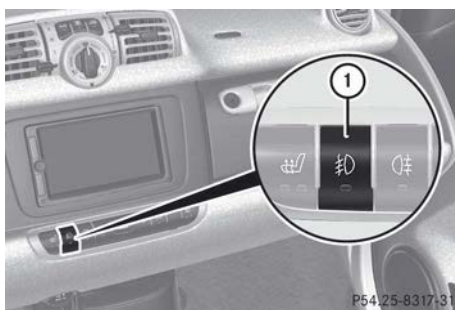
- ① When you open the doors, the interior lighting comes on and the footwell lamps become brighter.



- ① Resets the trip meter/trip computer
- ② Sets the instrument lighting/ambient lighting

- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ Switch on the side lamps.
- ▶ **To dim the ambient lighting:** press right button **②** on the instrument cluster. The brightness of the ambient lighting and the instrument lighting changes by one level. The current setting is stored.



Front foglamps*



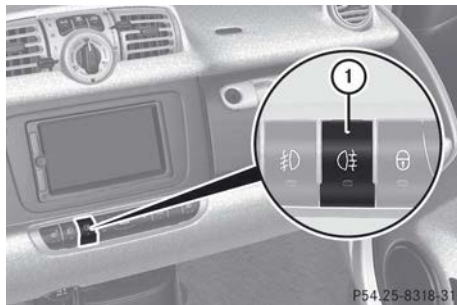
- ▶ Make sure that the side or dipped-beam headlamps are switched on.
- ▶ **To switch on:** press button **①**. The front foglamps come on. The indicator lamp on the button lights up.
- ▶ **To switch off:** press button **①** again. The front foglamps go out. The indicator lamp on the button goes out.

Rear foglamp

Vehicles without a rain/light sensor

- ▶ **To switch on:** turn the light switch to . The rear foglamp comes on. The indicator lamp in the instrument cluster lights up.
- ▶ **To switch off:** turn the light switch to  or **0**.

Vehicles with a rain/light sensor*



- ▶ Make sure that the front foglamps are switched on.
- ▶ **To switch on:** press button ①. The rear foglamp comes on. The indicator lamp in the instrument cluster lights up.
- ▶ **To switch off:** press button ① again. The rear foglamp goes out. The indicator lamp in the instrument cluster goes out.

Headlamp range adjustment

Headlamp range control allows you to adjust the headlamps to the vehicle load. The cone of light otherwise changes when seats are occupied or when the boot is loaded or unloaded. This can impair visibility, and the headlamps can dazzle oncoming traffic.



- ▶ **To adjust:** turn headlamp range control ① to the position which corresponds to the load in your vehicle.

Position	Load
0	Driver's seat occupied
	Driver's seat and front-passenger seat occupied
1	Driver's seat and front-passenger seat occupied and maximum load in the boot (50 kg)
	Driver's seat occupied and maximum load in the boot (50 kg)
2	When a rack is fitted to the rear of the vehicle

- ⓘ Please note that headlamp range control must be returned to level 0 after you have removed the load from the vehicle.

Interior lighting

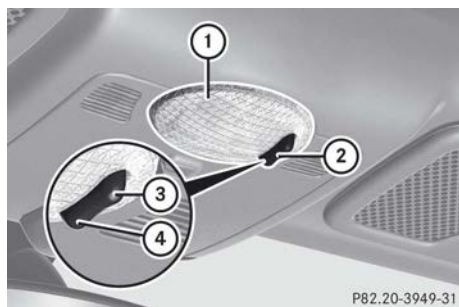
The interior lighting is switched on briefly when you open the doors or lock or unlock the vehicle with the key.

It goes out:

- immediately when you switch on the ignition if all doors are closed
- after 30 seconds if the doors are not opened
- after 15 seconds if all doors are closed
- after ten minutes if at least one door is open

The switch can be set to three positions.

* optional



P82.20-3949-31

- ① Interior lighting
- ② Off
- ③ To switch the automatic control on
- ④ Continuous operation

▶ **Automatic control:** set the switch to position ③. The interior lighting switches on when you open a door.

▶ **To switch off:** set the switch to centre position ②. The interior lighting is switched off permanently.

▶ **Permanent operation:** set the switch to position ④. The interior lighting is switched on permanently.

i The interior lighting is switched off automatically when permanent operation is active and you lock the vehicle with the key. If you then unlock the vehicle with the key again, the interior lighting is switched back on automatically.

If you do not lock the vehicle with the key when permanent operation is active, the interior lighting remains on for 30 minutes. The warning lamp then goes out.

For information on ambient lighting*, see (▷ page 62).

Windscreen wipers

Switching the windscreen wipers on/off



P54.25-8548-31

Control lever

- 0 Windscreen wipers off
- 1 Intermittent wipe
- 2 Normal wipe
- 3 Rapid wipe

▶ Make sure that the key is in position 1 in the ignition lock.

▶ **To switch on/off:** according to the intensity of the rain, turn the control lever to position 2 or 3.

! Vehicles with rain/light sensor*: switch the windscreen wipers off in dry weather conditions. Otherwise, dirt or optical effects may cause undesired windscreen wiper sweeps. This could then damage the windscreen wiper blades or scratch the windscreen.

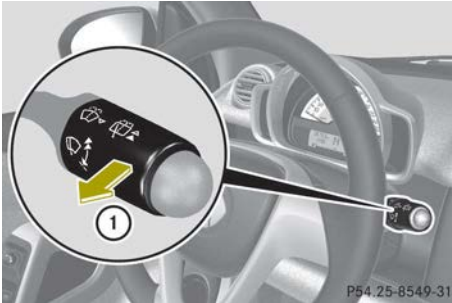
Intermittent wipe

For the windscreen intermittent wipe setting, the interval between wipes is automatically adjusted according to the road speed.

Vehicles with rain/light sensor*: when set to intermittent wipe, the rain/light sensor* is activated. The appropriate wiping frequency is set automatically according to the intensity of the rain.

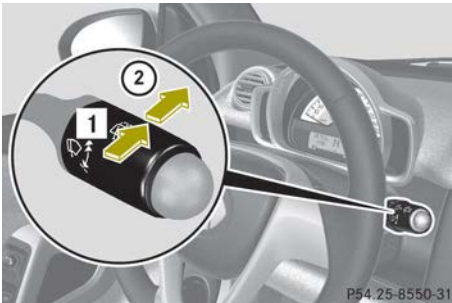
- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ **To switch on:** set the control lever to position **①**.
The windscreen wipers sweep once.
On vehicles with a rain/light sensor*: the wipe intervals are dependent on how wet the windscreen is.

Wiping with washer fluid



- ▶ Pull the control lever in the direction of arrow **①**.
The windscreen wipers wipe with washer fluid.
- ▶ Release the control lever.
The wipers sweep three more times after the wiper switch has been released.
- ❗ If you press the control lever briefly, the windscreen is wiped once without washer fluid.

Rear window wiper (coupé only)



- ▶ **To switch on intermittent wiping:** push the control lever to position **①**.
- ▶ **To switch off intermittent wiping:** pull the control lever towards you.
- ▶ **To wipe with washer fluid:** push the control lever to position **②** and hold it there until the rear window is clean.
- ▶ Release the control lever.
The wiper sweeps three more times after the wiper switch has been released.

- ❗ The rear window wiper sweeps once automatically if you engage reverse gear while the windscreen wipers are on.

Soft-top system (cabrio only)

Notes

The soft-top system of the smart cabrio is comprised of:

- the folding roof
- the rear soft top
- the side spars

The side spars can be removed from above the doors when the folding roof and the rear soft top are open.

⚠ WARNING

Make sure that nobody can become trapped as you open or close the folding roof and the rear soft top.

❗ When transporting long objects in the vehicle interior, make sure that these do not press against the folding roof when it is closed.

When transporting objects that extend beyond the rear, make sure that these do not rest on the rear soft top fasteners (brackets). During loading, make sure that objects with sharp edges do not come into contact with the soft top or the rear window.

* optional

If the rear soft top is lowered, do not distribute a weight in excess of 75 kg on top of it.

Make sure that the third brake lamp is not covered.

! Do not sit on the rear soft top when it is lowered.

Do not lower the rear soft top at temperatures below -10°C .

Do not place objects that have sharp points, are sharp-edged, hotter than 80°C , red-hot or burning on the rear soft top.

Do not apply wax to the soft-top fabric and, in automatic car washes, only use wax-free washing programmes.

Make sure that the rear soft top fasteners (brackets) are always closed when driving, since otherwise there is a danger that exhaust fumes could enter the passenger compartment.

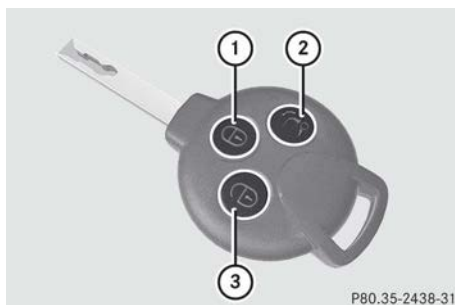
! Make sure that the lock openings of the soft-top system are not blocked. Stow the side spars only in the intended stowage compartment in the tailgate.

Opening and closing the folding top

You can open and close the folding roof both while the vehicle is stationary as well as while it is in motion.

Opening from outside the vehicle

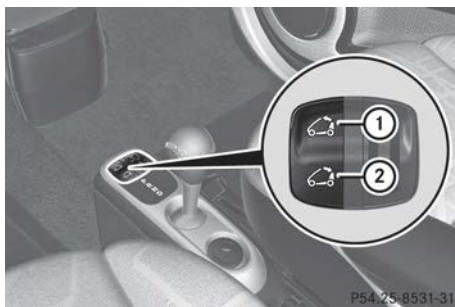
You can open the folding roof fully using the key.



- ① To lock the vehicle
- ② To open the folding roof
- ③ To unlock the vehicle

► Press and hold button ② on the key for about two seconds.
The folding roof opens fully.

Opening from inside the vehicle



Soft-top switch

- ① To close
- ② To open

► Make sure that the key is in position 1 in the ignition lock.

► Press and hold ② on the soft-top switch until the folding roof is fully open.

or

► Briefly press ② on the soft-top switch.
The folding roof opens fully.

i If you press ① or ② while the folding roof is opening, it will stop in its current position.

Closing

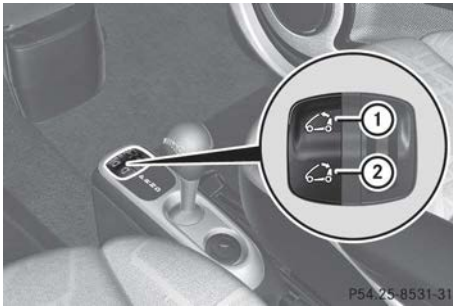
For safety reasons, the folding roof can only be closed using the soft-top switch inside the vehicle.

- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ Press and hold **①** on the soft-top switch until the folding roof is closed.

i The vehicle battery discharges when the folding roof is opened or closed. Therefore, leave the ignition switched on when opening or closing it.

Opening the rear soft top

You can open and close the rear soft top while the vehicle is stationary as well as while it is in motion.



Soft-top switch

- ① To close
- ② To open

- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ Open the folding roof fully (▷ page 66).
- ▶ Release the soft-top switch.
- ▶ Press and hold **②** on the soft-top switch again until the rear soft top has been lowered fully.

! Make sure that objects in the luggage compartment are not stacked too high. They could otherwise be damaged when the rear soft top is opened or closed.

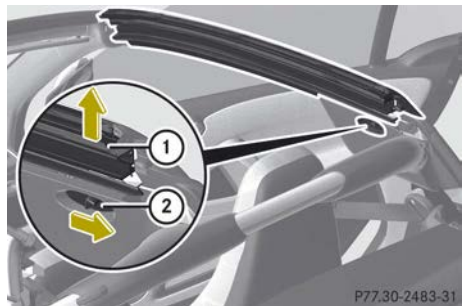
! When the rear soft top is lowered, the side spars could be stolen. Therefore, remove the side spars and stow them in the luggage compartment or close the soft-top system.

Removing the side bars

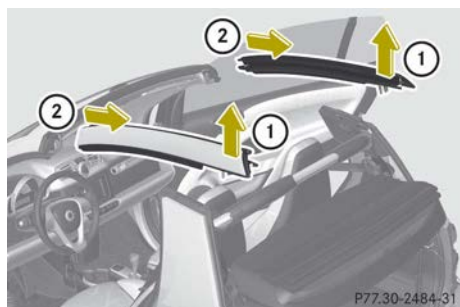
- ▶ Open the folding roof (▷ page 66) and the rear soft top (▷ page 67).
- ▶ Open the driver's and the front-passenger door. Pay attention to traffic conditions when doing so.
- ▶ Open the tailgate.



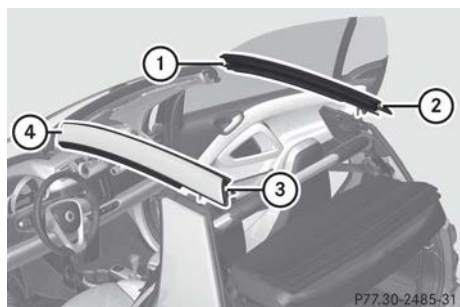
- ▶ Pull back handle **①** on the inside of the tailgate.
- ▶ Fold the lid of the stowage compartment forwards in the direction of the arrow.



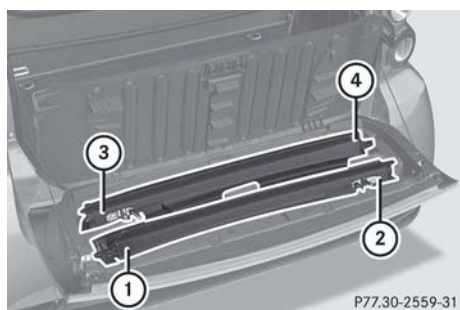
- ▶ Push back release lever **②** for roof bar **①**.
Roof bar **①** can now be raised at the rear but remains secured.
- ▶ Push back release lever **②** once again.



- ▶ Pay attention to the traffic conditions.
- ▶ First, raise the roof bar at rear ① and then pull it out in the direction of arrow ②.



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



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

- ▶ Place the roof bars in the stowage compartment in the tailgate with the painted side facing downwards, observing sequence ① to ④.
- ▶ Fold the stowage compartment cover backwards.
- ▶ Firmly press the marking "PRESS" in the centre of the cover until it engages audibly.

WARNING

Make sure that the stowage compartment cover remains closed if the side spars have been stowed. If they are not transported securely, the side spars could otherwise be flung around the vehicle in the event of an accident, heavy braking or a sudden change in direction, thereby injuring the vehicle occupants.

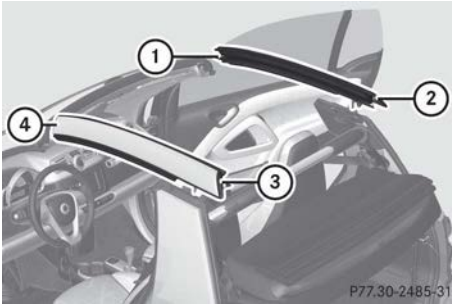
- ▶ Close the tailgate.
The tailgate must audibly engage when this is done.
- ▶ Close the driver's and the front-passenger door.
- ▶ Open the side windows if desired.
- ❗ Make sure that the stowage compartment cover is closed before closing the tailgate. The tailgate may otherwise jam.

Fitting the side bars

- ▶ Open the driver's and the front-passenger door.
- ▶ Open the tailgate.



- ▶ Pull back handle ① on the inside of the tailgate.
- ▶ Fold the lid of the stowage compartment forwards in the direction of the arrow.
- ▶ Take the side spars out of the stowage compartment in the tailgate.



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

- ▶ Fit the side spars in the following order: ① to ④.

⚠ WARNING

Make sure that the side spars are fitted correctly. They could otherwise work themselves loose while the vehicle is in motion, injuring you and others.



- ▶ Take a side spar and fit front end ① first.
- ▶ Make sure that the seal on the side spars in position ② faces upwards and does not become trapped.

- ▶ Push rear end ③ of the side spar down until you hear it engage twice.
- ▶ Fit the side spar on the other side correspondingly.

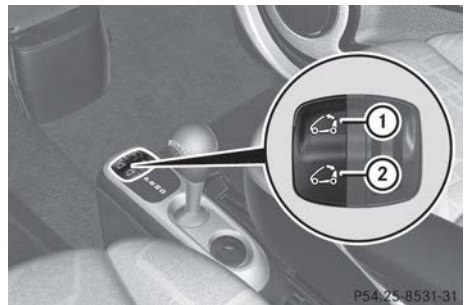
! Make sure that the side spars have been fitted correctly. Otherwise, malfunctions or damage could occur.

- ▶ Fold the stowage compartment cover backwards.
- ▶ Firmly press the marking "PRESS" in the centre of the cover until it engages audibly.
- ▶ Close the tailgate.
The tailgate must audibly engage when this is done.
- ▶ Close the driver's and the front-passenger door.
- ▶ Open the side windows if desired.

! Make sure that the stowage compartment cover is closed before closing the tailgate. The tailgate may otherwise jam.

Opening and closing the rear soft top and folding roof

You can open and close the rear soft top while the vehicle is stationary as well as while it is in motion.



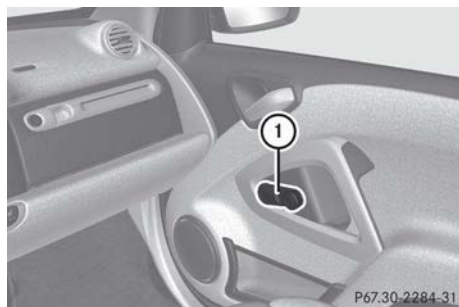
Soft-top switch

- ① To close
- ② To open

- ▶ Press and hold ① on the soft-top switch until the rear soft top has been raised fully.
 - ▶ Release the soft-top switch.
 - ▶ Press and hold ① on the soft-top switch until the folding roof is closed.
- i** If you release the soft-top switch while the vehicle is in motion before the rear soft top has been fully closed, the rear soft top is lowered again.

Side windows

Opening and closing the side windows manually



- ▶ **To open:** turn crank ① backwards.
- ▶ **To close:** turn crank ① forwards.

Opening and closing the side windows electrically*

⚠ WARNING

While opening the side windows, body parts could become trapped between the side window and the door frame as the side window moves. There is a risk of injury.

Make sure that nobody touches the side window during the opening procedure. If somebody becomes trapped, release the switch or pull the switch to close the side window again.

⚠ WARNING

While closing the side windows, body parts in the closing area could become trapped. There is a risk of injury.

When closing make sure that no parts of the body are in the closing area. If somebody becomes trapped, release the switch or press the switch to open the side window again.

⚠ WARNING

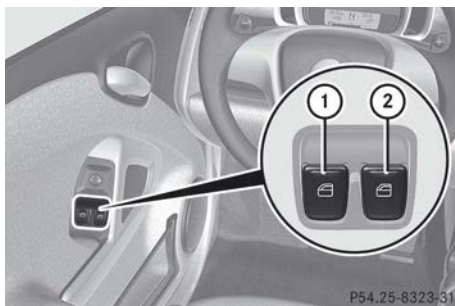
Do not leave children unsupervised in the vehicle, even if they are secured in a child restraint system. The children could:

- 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

The switches for both side windows are located on the driver's door. There is also a switch for the front-passenger side window on the front-passenger door.



- ① Front left
- ② Front right

- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ **To open:** press and hold the upper section of the respective switch to the pressure point until the side window has reached the desired position.
- ▶ **To close:** pull the upper section of the respective switch to the pressure point until the side window has reached the desired position.
- ▶ **To open automatically:** briefly press the upper section of the respective switch.
- ▶ **To close automatically¹²:** briefly pull the upper section of the respective switch.
- ▶ **To stop:** briefly press the upper section of the respective switch or pull the switch.
The side window stops immediately.

Driving and parking

Starting the engine

WARNING

Do not put any objects in the driver's footwell. If you use a floormat* in the driver's footwell, make sure that it is correctly secured and that there is sufficient clearance for the pedals. Objects could otherwise get between the pedals in the event of sudden braking or acceleration. You will then not be able to brake or accelerate as intended. This may result in an accident and injury.

Vehicles with an electric motor generate much less driving noise than vehicles with internal combustion engines. As a result, your vehicle may not be heard by other road users in certain situations.

This requires you to adopt a particularly anticipatory driving style, as it is necessary to allow for the possibility that other road users may behave erratically.


¹² On the driver's side only.

* optional



On vehicles equipped with "Acoustic Vehicle Indication"*¹², a sound generator produces a noise (▷ page 45). The vehicle can be heard better as a result.

- ▶ Fasten the seat belt.
- ▶ Depress the brake pedal.
- ▶ Insert the key into the ignition lock.
- ▶ Move the gear lever to position **P** or **N**.
P or **N** is shown in the multifunction display.
- ▶ Turn the key in the ignition lock to position **2** (▷ page 52) and wait until the **READY** indicator appears in the instrument cluster (▷ page 94).
The power display changes from "Off" to "0" (▷ page 95).

Pulling away

-  The vehicle has a crawl function. The vehicle pulls away when you release the brake pedal.
- ▶ Depress the brake pedal.
- ▶ Move the gear lever to position **D**.
D is shown in the multifunction display.
- ▶ Release the parking brake.
- ▶ Release the brake pedal.
The vehicle starts moving.
- ▶ Depress the accelerator pedal smoothly.
The vehicle will accelerate.

Reversing

-  Reverse gear may only be selected when the vehicle is stationary.
-  The vehicle has a crawl function. The vehicle pulls away when you release the brake pedal.

You can reverse at a road speed of up to 15 km/h.

- ▶ Depress the brake pedal.
- ▶ Move the gear lever to position **R**.
R is shown in the multifunction display.
- ▶ Release the brake pedal.
The vehicle starts moving.
- ▶ Depress the accelerator pedal smoothly.
The vehicle accelerates.

Parking


- ❗ The vehicle has a crawl function. The vehicle pulls away when you release the brake pedal.

⚠ WARNING

Do not leave the vehicle parked with the ignition switched on and a gear engaged. The vehicle could roll away and cause an accident.

⚠ WARNING

Never leave children unsupervised in the vehicle. They could release the parking brake. This could lead to a serious or fatal accident.

- ▶ Park the vehicle.
- ▶ Depress the brake pedal.
- ▶ Apply the parking brake.
The  indicator lamp in the instrument cluster lights up.
- ▶ Shift the gear lever to position **P**.
- ▶ Switch the ignition off.

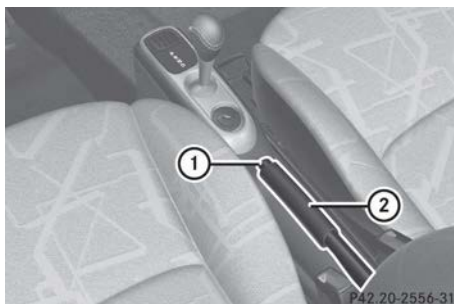
Parking brake



The parking brake prevents the stationary or parked vehicle from rolling away.

⚠ WARNING

When stopping on a gradient and when parking, the vehicle must be additionally secured with the parking brake. The vehicle could otherwise roll away, even if the gear lever has been moved to position **P**.

This could cause an accident, possibly resulting in injury to you or others.



- ▶ **To apply:** pull parking brake ① up firmly.
The lever engages in place when pulled upwards. When the ignition is switched on, the  indicator lamp in the instrument cluster lights up.
- ▶ **To release:** depress the brake pedal and keep it depressed.
- ▶ Pull parking brake ① slightly.
- ▶ Press release button ② on parking brake and move the parking brake down to the stop.
When the ignition is switched on, the  indicator lamp in the instrument cluster goes out.

Brake pedal

⚠ WARNING

The movement of the pedals must not be impaired in any way. Do not keep any objects in the driver's footwell.

If you use a floormat* in the driver's footwell, make sure that it is correctly secured and that there is sufficient clearance for the pedals.

Always apply the parking brake when parking the vehicle.

Never leave children unsupervised in the vehicle. They could move the gear lever and the vehicle could roll away on uphill or downhill gradients.

The brake pedal has two separate brake circuits. When braking with the ignition switched on, the pedal force is increased by a brake force booster.

WARNING

A significantly greater effort is required when braking, if:

- the brake force booster fails
- a brake circuit fails
- the ignition is switched off

The stopping distance also increases. Make sure that the ignition is switched on when the vehicle is in motion.

If there is a malfunction in the brake system, have it checked at a specialist workshop that is qualified for smart electric drive vehicles. smart recommends that you use a smart Centre for this purpose.



① Brake pedal

If a brake circuit fails:

- you must depress the brake pedal further to achieve the same braking effect.
- the stopping distance is greater.
- i** The brake force booster only functions when the ignition is switched on.
- i** The vacuum pump of the brake force booster engages audibly according to load, e.g. after two applications of the brake following directly after one another.

WARNING

If the vehicle is being towed away and the ignition is switched off, a significantly greater amount of pedal force is required when braking.

Switching off the engine

- ▶ Move the gear lever to position **P**.
- ▶ Wait until **P** appears in the multifunction display.
- ▶ Release brake pedal ① slowly.
- ▶ Turn the key to position **0** in the ignition lock and remove it.
The immobiliser is activated.
- !** Always secure the vehicle using the parking brake.

Transmission

Changing gear

WARNING

Do not put any objects in the driver's footwell. If you use a floormat* in the driver's footwell, make sure that it is correctly secured and that there is sufficient clearance for the pedals. Objects could otherwise get between the pedals in the event of sudden braking or acceleration. You will then not be able to brake or accelerate as intended. This may result in an accident and injury.

* optional



- P** Parking lock
- R** Reverse gear
- N** Neutral
- D** Drive

- ▶ **To engage a gear:** switch the ignition on.
- ▶ Depress the brake pedal.
- ▶ Pull the gear lever in the desired direction.

Driving tips

Pulling away on a gradient

Your vehicle is equipped with start-off assist (AAS).

When pulling away on a gradient, your vehicle is held for approximately one second after you have removed your foot from the brake pedal.

As a result:

- you have enough time to move your foot from the brake pedal to the accelerator pedal and pull away.
 - the vehicle is prevented from rolling backwards.
- i** Start-off assist is not activated if the parking brake is applied when pulling away.

Steering wheel gearshift paddles* for battery recuperation

⚠ WARNING

The operating condition of the high-voltage battery (e.g. not yet at normal operating temperature or fully charged) influences the braking effect of the electric motor.

In overrun or braking mode, the motor's braking effect may therefore be reduced or may not be present at all.

As a result of the reduced engine braking effect, you may cause an accident and injure yourself or others.

Compensate for the reduced engine braking effect by pressing the brake pedal accordingly, as required.

You can use the steering wheel shift paddles to increase or decrease recuperation when in overrun mode. Recuperation takes place when you remove your foot from the accelerator pedal. The electric motor then functions as a generator and energy is recovered while driving. The recovered energy is stored in the high-voltage battery. A high rate of energy recuperation decelerates the vehicle correspondingly more rapidly.

The following recuperation levels are available in overrun mode:

- no recuperation (level 0, sailing)
- moderate recuperation (level 1)
- high recuperation (level 2)
- high recuperation with subsequent sporty acceleration (level 3)¹³

The figure provided in the power display (> page 96) shows the recuperation level in overrun mode.

The recuperation status indicator tells you which mode is currently set (> page 92).

After switching the ignition on, recuperation is always set to level 1.

¹³ Only for BRABUS vehicles.



① Left paddle (minus)

② Right paddle (plus)

► **To decrease recuperation:** pull paddle ① on the left-hand side towards you.

► **To increase recuperation:** pull paddle ② on the right-hand side towards you.

Use the different levels under the following conditions:

Level 0	When driving without much braking and without obstacles or sharp bends When the vehicle maintains the maximum amount of kinetic energy possible.
Level 1	Normal driving, standard setting

Level 2 Sporty driving
The brake pedal can be used less, since the deceleration is greater than that in level 1. A significantly higher amount of energy is used than when braking with the brake pedal.

Level 3¹³ Sporty driving with higher rates of acceleration.
The vehicle can be accelerated more rapidly when the accelerator pedal is depressed.
Energy conversion is the same as level 2.

In levels 1, 2 and 3¹³, the deceleration can be freely proportioned using the accelerator pedal.

i In certain instances, recuperation in overrun mode does not work as described. This may be the case, for instance, if the high-voltage battery is full or too cold.

Charging the high-voltage battery

Important safety notes

DANGER

The vehicle's high voltage electrical system is under high voltage. If you modify components in the vehicle's high-voltage electrical system or touch damaged components, you may be electrocuted. The components in the vehicle's high-voltage electrical system may be damaged in an accident, although the damage is not visible. There is a risk of fatal injury.

Do not touch any high-voltage components after an accident and never modify the vehicle's high-voltage electrical system. Have the vehicle towed away after an accident and the vehicle's high-voltage elec-

¹³ Only for BRABUS vehicles.

trical system checked by a qualified specialist workshop.

 **WARNING**

In the event of a vehicle fire, the internal pressure of the high-voltage battery could exceed a critical value. In this case, flammable gas escapes through a vent valve in the vehicle's underbody. The gas can ignite. There is a risk of injury.

Leave the danger area immediately. Secure the danger area at a suitable distance, whilst observing legal requirements.

 **DANGER**

Connecting the charging cable to the mains supply via incorrectly installed mains sockets or by means of adapters, extension cables or similar could cause a fire or an electric shock. There is a risk of fatal injury.

To avoid such risks, observe the following:

- Only connect the charging cable to mains sockets:
 - which have been properly installed and
 - which have been inspected by a qualified electrician
- For safety reasons, only use charging cables which have been supplied with the vehicle or which have been approved for this vehicle.
- Never use a damaged charging cable.
- Do **not** use:
 - extension cables
 - extension reels
 - multi-outlet sockets
- Never use socket adapters to connect the charging cable to the mains socket. The only exception is if the adapter has been tested and approved by the manufacturer

for charging the high-voltage battery of an electric vehicle.

- Observe the safety notes in the operating instructions for the socket adapter.

 **DANGER**

Connecting the charging cable to the wallbox via an incorrectly installed wallbox or by means of adapters, extension cables or similar could cause a fire or an electric shock. There is a risk of fatal injury.

To avoid such risks, observe the following:

- Only connect the charging cable to a wallbox:
 - which has been properly installed and
 - which have been inspected by a qualified electrician
- For safety reasons, only use charging cables which have been tested and approved for charging the high-voltage battery of an electric vehicle.
- Never use damaged charging cables.
- Do not extend the charging cable.
- Never use an adapter.
- Observe the safety notes in the operating instructions for the wallbox.

The vehicle's high voltage electrical system is under high voltage.

- Do not tamper with the high-voltage components or the orange cables of the high-voltage electrical system.
- Never touch the high-voltage components or the orange cables of the high-voltage electrical system in a vehicle which has been involved in an accident.
- Never touch damaged components or the damaged orange cables of the high-voltage electrical system.
- Do not remove the covers of the high-voltage electrical system components which are marked with a yellow warning sticker.

For safety reasons, only use the charging cable which is supplied with the vehicle and which is approved by smart for this vehicle.

General notes

Method of operation

The vehicle is equipped with a high-voltage battery for driving. The high-voltage battery stores the energy needed to operate the electric motor and releases it again.

The electric motor uses energy stored in the high-voltage battery for pulling away and accelerating.

In overrun mode, kinetic energy is converted into electrical energy by energy recovery and stored in the high-voltage battery. The high-voltage battery can be charged as follows:

- through energy recovery while the vehicle is in motion
- with the suitable charging cable at a mains socket while the vehicle is stationary
- with the suitable charging cable at a wallbox while the vehicle is stationary
- with the suitable charging cable at a charging station while the vehicle is stationary

The high-voltage battery can be charged in a voltage range from 100 V to 270 V.

In the case of vehicles with a 22 kW on-board charger, the high-voltage battery can be charged in a voltage range from 100 V to 400 V.

- i** When possible only charge the high-voltage battery when the charge is below 80%. Charge the high-voltage battery at the latest when the charge falls below 20%.

Discharged battery

The high-voltage electrical system switches off if the high-voltage battery is completely discharged. This protects the battery from exhaustive discharge.

- i** Switching the ignition off and then on can reactivate the high-voltage electrical system temporarily, but can only be done once. Park the vehicle safely away from traffic before you do this.

Do not allow the vehicle's high-voltage battery to remain in a discharged or almost fully discharged state for more than 14 days. You can check the charge status in the charge level display (> page 95).

Extreme outside temperatures

The efficiency of the high-voltage battery is temperature-dependent and is significantly reduced at low or high temperatures. In addition, the electrolytes used may freeze at very low temperatures.

In the gauge in the multifunction display, you can determine the maximum amount of power available (> page 93).

Energy consumption and range

The available energy in the high-voltage battery is basically reduced by:

- low outside temperatures
- operating the air-conditioning system or heater
- switching on electrical consumers

Due to the physical properties of the high-voltage battery, low outside temperatures and failing to charge the high-voltage battery over an extended period of time may:

- significantly reduce the performance of the battery
- increase the charge time

In extreme cases, it may not be possible to start the vehicle as a result. You should

therefore always ensure that the battery is fully charged or that the charging cable is connected when parking the vehicle for an extended period of time at low outside temperatures.

Due to its physical properties, the capacity of the high-voltage battery will diminish over its lifetime.

This will also reduce:

- the maximum vehicle range that can be achieved
- the maximum output (acceleration) of the vehicle

You can actively contribute to reducing the energy consumption of the vehicle, among other things, by:

- driving conservatively
- bringing the vehicle in for regular maintenance
- reducing the use of electrical consumers

Notes on battery care

Avoid storing and transporting the vehicle at high temperatures and over an extended period of time (e.g. moving it in a transport container).

Connect the vehicle to a power supply when parking it for an extended period of time.

If the vehicle is not connected to a power supply, the temperature must remain between -20 °C and 40 °C.

Temperatures below -25 °C for more than seven days can cause irreversible damage to the vehicle due to frost damage.

Terms of use

Observe the following notes:

- notes on exclusions of the high-voltage battery terms of use in the battery lease contract
- notes on exclusions and limitations in the implied and explicit warranty documents as well as in the Service Booklet
- maintenance notes for the high-voltage battery in the Service Booklet

Voltage surge protector

I Voltage surges in the mains supply can damage the vehicle. The vehicle is therefore equipped with a device which protects it from voltage surges in the mains supply. This device may be triggered during severe thunderstorms, for example, and may cause the building's fuse unit to trip out. The purpose of this function is to protect the vehicle. When the building's fuse unit is switched on again, the charging process resumes automatically.

After the device has triggered, switch the building's fuse unit on again. Otherwise, the charging process will not resume. The high-voltage battery will not be charged and as a result, it may not be possible to drive the vehicle.

If the same fuse unit also protects other items of equipment, they will also be switched off if the unit has tripped. Make sure that these devices are functioning again after switching the fuse unit back on.

Handling the charging cable and the control panel on the charging cable

Do not leave the control panel on the charging cable (▷ page 80) hanging loose from a mains socket. Otherwise, this could lead to a bad contact with the mains socket and to malfunctions when charging the vehicle.

To prevent the brackets inside the charging cable control panel from being stressed incorrectly, observe the following:

- Never lift up or transport the control panel by the charging cable connector or the mains plug.
- To transport the charging cable, you can either wrap the coiled part of the charging cable:
 - around the control panel or
 - secured to the control panel housing.

Charging cable and connector heating up

Pay attention to the "Important safety notes" (▷ page 75).

Charging cables and connectors may heat up during the charging process at a mains socket.

The charging cable and connector only heat up within the permissible limits if:

- the mains supply and charging cable infrastructure are intact
- the instructions on handling the charging cable and the control panel on the charging cable are observed

If heating up beyond the permissible limit values occurs, have the mains supply infrastructure checked.

Charging the battery using a mains socket

Charging cable

Important safety notes

Only use the charging cable which is supplied with the vehicle and which has been approved by smart for this vehicle. Pay attention to the "Important safety notes" (▷ page 75).

! Only use the charging cable to charge the high-voltage battery. Do not use the

charging cable for other purposes. It may otherwise be damaged.

The charging cable for connection to a mains socket is included in the scope of delivery.

i Vehicles with a 22 kW on-board charger:

If you use the supplied charging cable to charge the high-voltage battery:

- the charging process will take considerably longer
- power consumption will increase substantially

If possible, therefore, charge the high-voltage battery at a wallbox (▷ page 83) or a charging station (▷ page 84).

A separate charging cable is required for connection to a charging station. Contact a smart Centre or the respective electricity provider/operator of the charging station.

i The charging process may vary from station to station. Therefore, always observe the local information.

For information about charging from a wallbox, see (▷ page 83).

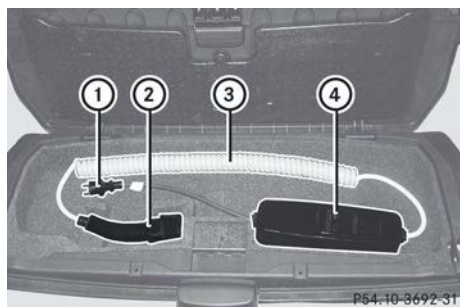
For information about charging at a charging station, see (▷ page 84).

Storing the charging cable

The charging cable can be stowed in the vehicle.

- cabrio:
 - in a box that is available as an accessory (Part number A 451 810 00 80)
 - in the storage compartment in the tailgate (▷ page 116), if it has suitable stowage space.

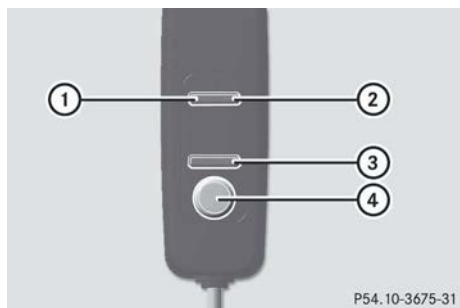
In this case you will not be able to stow away the roof bars of the soft-top system.
- coupé: in the storage compartment in the tailgate (▷ page 116), if it has suitable stowage space.



Stowage compartment in the tailgate

- ▶ Place charging cable connector ② in your left hand and mains plug ① in your right hand.
- ▶ Place the coiled part of cable ③ in the back of the stowage compartment.
- ▶ Place the remaining parts of the charging cable in the stowage compartment recesses as shown in the illustration. Make sure that the indicators and buttons on control panel ④ are facing upward.

Control panel on charging cable



- ① A/C status indicator
- ② Control and protective device indicator
- ③ Charge current indicator
- ④ Button for setting the charge current

The lights on indicator lamps ① and ② on the charging cable indicate the following:

Indicator lamp ①

Lights up green	The connection to the external mains supply is OK. The high-voltage battery can be charged.
Flashes red	A fault was found in the external mains supply. The high-voltage battery will start charging again once the current signal reaches normal values.
Lights up red	There is a malfunction. You will need to disconnect the charging cable from the mains socket and then reconnect it.

Indicator lamp ②

Lights up green	There is no malfunction. The high-voltage battery can be charged.
Lights up red	The current at the control panel is not correct. The high-voltage battery cannot be charged.

i For information on charging problems, see (▷ page 87).

Setting the maximum possible charge current

⚠ WARNING

If the charge current draw via a mains socket is too high during the charging process, the external mains supply may overheat. There is a risk of fire.

Before charging, check the maximum permissible charge current available at the location. If necessary, contact a qualified specialist company for assistance.

Adjust your vehicle's settings, if necessary.

! If the charge current is too high, the fuse could be tripped or the external mains supply could overheat. Check if the external mains supply is equipped to handle the programmed charge current. If necessary, reduce the programmed charge current or use a different mains socket.

You can limit the charge current used for charging the high-voltage battery. This may protect the mains supply from overloads. You can set the limitation either on the charging cable control panel or via the on-board computer (▷ page 100).

The preset default value is the minimum setting. This is the minimum charge current available from the mains supply.

Before charging the high-voltage battery, check the maximum permissible charge current for the particular mains socket.

▶ To set: press button **④** repeatedly until the desired setting is selected in indicator **③**.

- Two LEDs are flashing: minimum setting
- All LEDs are flashing: maximum setting

i The maximum setting value and the adjustment values may vary from country to country.

If after charging you:

- leave the charging cable in the mains socket, the programmed value will be used the next time you start charging.
- disconnect the charging cable from the mains socket, the value will be reset to the minimum setting the next time you start charging. If required, you will then have to re-set the value for the maximum charge current.

i If values set at the charging cable and in the on-board computer differ, the high-voltage battery will be charged using the lower value.

i If charging the vehicle's high-voltage battery is taking longer than usual, check the maximum charge current settings.

Indicator lamps on the vehicle socket

The indicator lamps on the vehicle socket indicate the following:

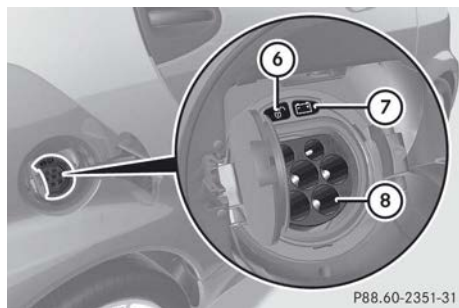
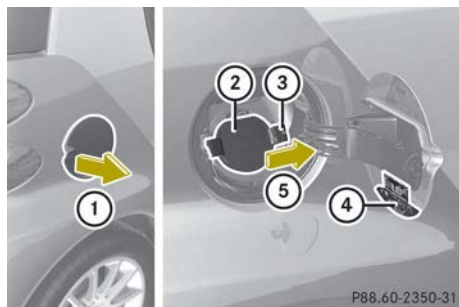
Left indicator lamp



Lights up	The charging cable can be disconnected.
Flashes	The charging cable connector was connected incorrectly.

Right indicator lamp

Flashes orange slowly	The connection between the vehicle and current source is being established before charging.
Flashes orange	The vehicle is ready for charging.
Flashes green slowly	The high-voltage battery is being charged.
Lights up green	The high-voltage battery is fully charged.
Flashes red quickly	A malfunction occurred during charging.

Connecting a charging cable




- ① Opens the charge socket flap
- ② Socket cap
- ③ Locking mechanism
- ④ Warning sticker/tyre pressure table
- ⑤ Opens the locking mechanism
- ⑥ Left indicator lamp 
- ⑦ Right indicator lamp 
- ⑧ Vehicle socket

- ▶ Switch the ignition off.
- ▶ Shift the gear lever to position **P**.
- ▶ Open charge socket flap ①.
- ▶ Slide locking mechanism ③ on socket cap ② in the direction of arrow ⑤. Socket cap ② opens.
- ▶ Insert the mains plug into the mains socket to the stop.
- ▶ Insert the charging cable connector into vehicle socket ⑧ to the stop. The operational readiness of the vehicle is stopped automatically. The high-voltage battery is being charged.

Right indicator lamp  ⑦ on the vehicle socket flashes green.

- i** The vehicle must not be moved during charging. You cannot move the gear lever from position **P**.

When the ignition is switched on and the charging cable is connected, the  symbol appears in the multifunction display.



- i** The engine cooling system and battery cooling system may audibly switch on during the charging process depending on the temperature.

Removing the charging cable

The battery is completely charged if the indicator in the charge level display is at 100% (▷ page 95). In the indicator in the multifunction display, all eight segments will be filled.

- !** Always disconnect the charging cable from the vehicle socket first. Disconnecting the charging cable from the stationary socket first could damage the charging cable connector.
- i** The indicator lamps in the vehicle socket and on the charging cable may remain lit for up to 30 seconds after the charging cable has been disconnected.

When the battery is charged:

- ▶ Unlock the vehicle. Right indicator lamp  ⑦ on vehicle socket ⑧ goes out. Left indicator lamp  ⑥ on vehicle socket ⑧ lights up white.
- ▶ Disconnect the charging cable within 10 seconds from vehicle socket ⑧. The vehicle will otherwise be locked again.
- ▶ Close socket cap ②.
- ▶ Close the charge socket flap.

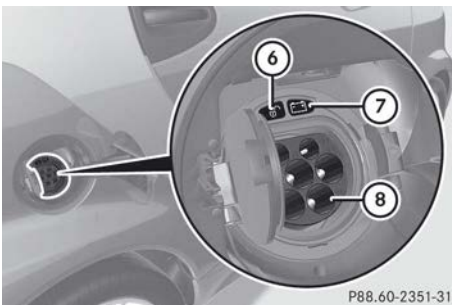
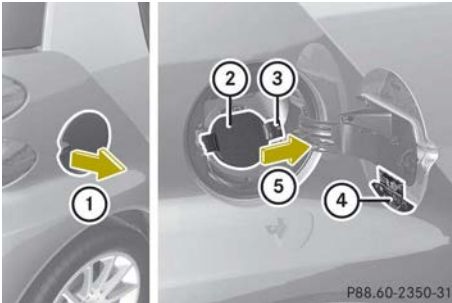
- ▶ Disconnect the charging cable from the mains socket.
- ▶ Stow the charging cable safely in the vehicle (▷ page 79).

Charging the battery at a wallbox



General notes

If you charge the vehicle at a wallbox, you will need to use a special charging cable. This cable can be purchased in conjunction with wallboxes from the wallbox provider. Only use charging cables which have been tested and approved for charging the high-voltage battery of an electric vehicle. Pay attention to the "Important safety notes" (▷ page 75).

Connecting a charging cable




- ① Opens the charge socket flap
- ② Socket cap
- ③ Locking mechanism
- ④ Warning sticker/tyre pressure table

- ⑤ Opens the locking mechanism
- ⑥ Left indicator lamp 
- ⑦ Right indicator lamp 
- ⑧ Vehicle socket

- ▶ Switch the ignition off.
- ▶ Shift the gear lever to position **P**.
- ▶ Open charge socket flap ①.
- ▶ Slide locking mechanism ③ on socket cap ② in the direction of arrow ⑤. Socket cap ② opens.
- ▶ Insert charging cable connector into vehicle socket ⑧ to the stop.
The operational readiness of the vehicle is stopped automatically
- ▶ Wallbox without a pre-mounted cable: insert the wallbox connector into the wallbox socket as far as it will go. The high-voltage battery is being charged.

Right indicator lamp  ⑦ on the vehicle socket flashes green.

- i** The vehicle must not be moved during charging. You cannot move the gear lever from position **P**.

When the ignition is switched on and the charging cable is connected, the  symbol appears in the multifunction display.

- i** The engine cooling system and battery cooling system may audibly switch on during the charging process depending on the temperature.

Removing the charging cable



The battery is completely charged if the indicator in the charge level display is at 100% (▷ page 95). In the indicator in the multifunction display, all eight segments will be filled.

- !** Make sure the charging cable has been disconnected from the vehicle socket before starting a journey. The vehicle or

charging cable may otherwise be damaged when you drive off.

- i** The indicator lamps in the vehicle socket and on the charging cable may remain lit for up to 30 seconds after the charging cable has been disconnected.

When the battery is charged:

- ▶ Unlock the vehicle.
Right indicator lamp  ⑦ on the vehicle socket goes out. Left indicator lamp  ⑥ on the vehicle socket lights up white.
- ▶ Disconnect the charging cable within 10 seconds from vehicle socket ⑥. The vehicle will otherwise be locked again.
- ▶ Close socket cap ②.
- ▶ Close the charge socket flap.
- ▶ Wallbox without a pre-mounted cable: if necessary, disconnect the charging cable from the wallbox and stow it in a safe place in the vehicle.

Charging the battery at a charging station

Charging stations without communications functionality

Charging stations without communications functionality must be activated by you before charging. You can do this, for instance by using an RFID card or by making a call. Please observe the notes provided by the operator at the charging station site.

Charging stations with communications functionality ("Plug&Charge")

Charging stations with communications functionality do not have to be activated by you before charging. The vehicle handles the activation. This function is called "Plug&Charge". To activate, the vehicle and the charging station exchange information over the charging cable.

This information is used for:

- authorising both the vehicle and charging station
- verifying the contract data
- automatic invoicing of electricity costs

Electronic certificates are used to ensure the secure exchange of data.

If verification of the contract data is successful, the charging process will begin.

- i** A preliminary version of the ISO/IEC 15118 is used for the communication between the vehicle and the charging station. In the event that your vehicle requires updates, please contact a smart Centre.

To ensure that you can use "Plug&Charge", you will need to configure your vehicle via the "Vehicle Homepage" (▷ page 88). To do this, you will need a "Plug&Charge" certificate, which you will obtain from your electricity provider after signing an appropriate electricity contract. Contact a smart Centre if you have any problems during configuration or if you do not have Internet access.

The charging station provides data on the available electrical current as well as rate information. The vehicle evaluates this information and then uses it for optimum charging of the high-voltage battery (▷ page 86). The electricity costs are calculated automatically when charging is complete.

Using the existing electricity contract, you and any other person who has access to the vehicle can recharge the vehicle's power by debiting this electricity contract. You should therefore cancel the existing electricity contract for your vehicle before selling the vehicle. Make sure to delete the "Plug&Charge" certificate.

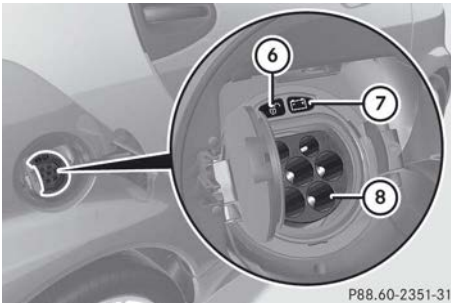
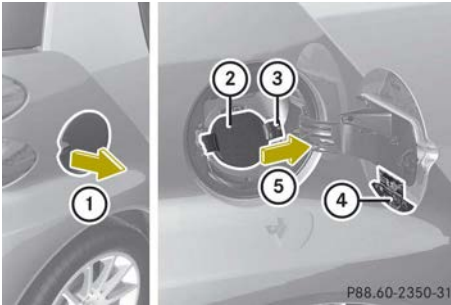
- i** You can delete the certificate from the vehicle data using the "Vehicle Home-


page". Contact a smart Centre if you do not have Internet access.


If the charging station provides an Internet connection for the connected vehicle, you can access and change the vehicle information from the "Vehicle Homepage" (▷ page 88).


Connecting a charging cable


- i** Information and technical parameters are exchanged between the vehicle and charging station when the vehicle is connected to the charging station. It may take up to 30 seconds after the charging cable is connected before charging begins.




- ① Opens the charge socket flap
- ② Socket cap
- ③ Locking mechanism
- ④ Warning sticker/tyre pressure table
- ⑤ Opens the locking mechanism
- ⑥ Left indicator lamp 

- ⑦ Right indicator lamp 
- ⑧ Vehicle socket


- ▶ Switch the ignition off.
 - ▶ Shift the gear lever to position **P**.
 - ▶ Open charge socket flap ①.
 - ▶ Slide locking mechanism ③ on socket cap ② in the direction of arrow ⑤. Socket cap ② opens.
 - ▶ Insert the charging station connector into the stationary socket as far as it will go.
 - ▶ Insert charging cable connector into vehicle socket ⑧ to the stop. The operational readiness of the vehicle is stopped automatically
- Right indicator lamp  ⑦ on vehicle socket ⑧ flashes orange as long as there is a connection.

Once the connection is established between the vehicle and charging station, right indicator lamp  ⑦ on the vehicle socket flashes orange.

When right indicator lamp  ⑦ flashes green, the high-voltage battery is charged.

- ▶ Lock the vehicle, if necessary.

- i** The vehicle must not be moved during charging. You cannot move the gear lever from position **P**.

The  indicator lamp in the instrument cluster lights up when the ignition is switched on and the charging cable is inserted.



- i** The engine cooling system and battery cooling system may audibly switch on during the charging process depending on the temperature.

Removing the charging cable

The battery is completely charged if the charge level gauge is at 100% (▷ page 95). In the indicator in the multifunction display, all eight segments will be filled.




- ❗ Make sure the charging cable has been disconnected from the vehicle socket before starting a journey. The vehicle or charging cable may otherwise be damaged when you drive off.

When the battery is charged:

- ▶ Unlock the vehicle.
Right indicator lamp  ⑦ on the vehicle socket goes out. Left indicator lamp  ⑥ on vehicle socket ⑧ lights up white.
- ▶ Disconnect the charging cable within 10 seconds from vehicle socket ⑧. The vehicle will otherwise be locked again. The connector locking mechanism on the charging station is opened.
- ▶ Close socket cap ②.
- ▶ Close the charge socket flap.
- ▶ Disconnect the charging cable from the charging station and stow it in a safe place within the vehicle.

Intelligent charging management

For cost-effective, battery-friendly charging, you will need to set a departure time (▷ page 98). Optimised charging is dependent on the provisions of your electricity contract and on what options the local power supply provides. Your vehicle will be able to detect automatically what charging option is available. Depending on the set departure time, charging of the high-voltage battery may not start immediately or may be interrupted during the charging process.

Problems during the charging process	
Problem	Possible causes/consequences and ► Solutions
The charge socket flap cannot be opened.	The charge socket flap is not unlocked. ► Unlock the vehicle (▷ page 49).
	The key batteries are discharged. ► Unlock the vehicle manually using the key (▷ page 151).
	The charge socket flap is unlocked, but the opening mechanism is jammed. ► Lock and unlock the vehicle again. If the opening mechanism is still stuck: ► Consult a qualified specialist workshop.
The charging cable cannot be plugged into the vehicle socket.	The vehicle socket is locked. ► Make sure that the gear lever is in position P .
The high-voltage battery is not being charged. The  indicator lamp on the vehicle socket flashes red.	A fault occurred while initializing the charging process. ► Make sure that the charging cable is plugged into the mains socket. ► Disconnect the charging cable connector from the vehicle socket and plug it back into the vehicle socket after 30 seconds. ► If the malfunction is still present, contact a smart Centre for assistance.
The high-voltage battery is not charging when charging using a mains socket. The  indicator lamp on the vehicle socket does not come on after connecting the charging cable connector.	There is a malfunction at the mains socket. ► Have the mains socket checked to ensure that it is working correctly. or ► Use a different mains socket.
The charging cable connector cannot be removed from the vehicle socket.	The charging cable connector is locked. ► Press the  button on the key. This unlocks charging cable connector in the vehicle socket. ► Remove the charging cable connector from the vehicle socket.

Online access to the vehicle

General information

WARNING

When using the "Vehicle Homepage", observe the legal requirements of the country in which you are currently driving. If it is permitted by law to operate communications equipment while the vehicle is in motion, you may only do so if the traffic situation permits. You could be distracted from the road and traffic conditions. There is a risk of an accident.

Only use the "Vehicle Homepage" before or after your journey.

You can use the "Vehicle Homepage" to access functions and configure your vehicle remotely. You can also access these functions using most computers that are connected to the Internet and using many of the latest smartphones.

You can access the "Vehicle Homepage" through your Internet browser using the following address:

<http://vh.smart.com>

In order to use the "Vehicle Homepage", you will have to accept the terms of use on the site.

Access to the "Vehicle Homepage" is free-of-charge for the first three years commencing from handover of the new vehicle. After this period of free usage has expired, you can continue using the "Vehicle Homepage" by paying a fee. For further information enquire at any smart Centre.

The "Vehicle Homepage" is available in the following languages:

- German
- English
- French
- Italian
- Spanish
- Portuguese
- Dutch

i Further information on supported devices and available languages can be found at <http://vh.smart.com/info>.

To access the "Vehicle Homepage" you will need to connect the vehicle to the Internet. You can use one of the following to do this:

- the GSM module (if the vehicle is equipped with it) (▷ page 89)
- a Powerline adapter (▷ page 89)

For further information on the communications functionality, see (▷ page 84).

Setting up your personal area

To access the "Vehicle Homepage", you will first have to set up personal access under <http://vh.smart.com>. You will need a valid e-mail address to do this.

After registering, you will have access to your own personal area on "Vehicle Homepage". To ensure that you can access your vehicle's settings on the site, you will need to register the vehicle in your personal area. Call up the relevant input screen on the "Vehicle Homepage" to do this. There you can enter the vehicle identification number (VIN) and the vehicle verification code (VVC). Your smart Centre gave you this information when you received your vehicle.

Data protection information

Please bear in mind that the "Vehicle Homepage" provides access to your data. You should therefore carefully safeguard your vehicle verification code (VVC) and user data. Protect this data from unauthorised access.

Any individual who has access to this information can use the functions on the "Vehicle Homepage".

If you sell your vehicle, you are responsible for removing the vehicle from your personal area on the "Vehicle Homepage".

Moreover, you will need to destroy documents referring to the vehicle verification code (VVC).

If you have purchased the vehicle used, it may be that the previous owner still has access to the "Vehicle Homepage". If in doubt, therefore, you should have your smart Centre issue you a new vehicle verification code (VVC) after you purchase the vehicle. You can use this code to set up access to your vehicle, as described in the "Personal area" section. There you can also deactivate any existing access to the vehicle by the previous owner.

Calling up the "Vehicle Homepage" functions

Once the vehicle has been registered in your personal area on the "Vehicle Homepage", you can access the following functions:

- call up the current charge status
- program the departure time
- activate the "Adj. temp. for depart" function

If the vehicle is charged, you can query how long it will be before it needs a new charge and the range that can be reached.

Both of these are estimates, since they can be affected by factors such as the following:

- outside temperature
- active consumers, such as climate control, lights
- personal driving style
- road and traffic conditions

You should therefore factor in sufficient reserves.

Connecting the vehicle to the Internet

Via the mobile communications module

- i** This function is not available in all countries.
- i** This function is only available if the vehicle is equipped with a mobile communications module.

You can use the "Vehicle Homepage" if the vehicle has connected to the Internet via the mobile communications module. The mobile communications module uses GSM (Global System for Mobile Communications) and transmits the necessary data through radio waves. The vehicle automatically detects whether or not it is possible to connect to the Internet via the mobile communications module. No pre-settings are required.

- i** Reception may be limited if the vehicle is in an underground garage, for example. Reception may also be limited in areas with poor mobile communications coverage. In such cases, you can connect to the Internet via Powerline (> page 89).

You do not need a SIM card or a contract to transfer data via the mobile communications module.

Via Powerline

You can also still use the "Vehicle Homepage" if you do not have GSM reception. You can do this using your DSL router, for instance. This connection is established using Powerline technology by plugging in the charging cable.


The vehicle supports Powerline communication based on the "HomePlug AV" standard. The data is transmitted via the phase L1 and neutral conductor of the power line.

To connect the vehicle to the Internet, you will need a commercially available adapter based on the standard "HomePlug AV". This adapter must also have an encryp-

tion button so that you can configure it for communication with the vehicle. Connect the adapter to the mains supply and to your Internet access interface. If the adapter is to be connected using a phase other than L1, you will also need to install a phase coupler. This is the only way you will be able to ensure the communication is reliable and secure. Please contact an electrician if you have any questions.

- i** If you already have a Powerline network setup, you can connect the vehicle to this network.

To connect the vehicle to a Powerline adapter, proceed as follows:

- ▶ Connect the vehicle using a mains socket or wallbox.
Right indicator lamp  on the vehicle socket must flash green.
- ▶ Plug the Powerline adapter into a nearby mains socket. Make sure that the vehicle and adapter have a phase L1 connection.
- ▶ Switch the ignition on.
- ▶ Call up the **Charge current** menu in the on-board computer (▷ page 100).

Carry out the following steps within 30 seconds:

- ▶ **If the charge current value is not set to 8 A:** set the value to 8 A and confirm the setting.
- ▶ Set the charge current value to 12 A and confirm the setting.
- ▶ Set the charge current value to 8 A and confirm the setting.
- ▶ Set the charge current value to 12 A and confirm the setting.
- ▶ Press the encryption button on the Powerline adapter within three minutes. If the Powerline adapter indicates a connection, then the connection was successful.
- i** Please also read and follow the separate Powerline adapter operating instructions.

- i** If you have any questions, please contact a smart Centre.
- ▶ When finished, set the charge current value back to the desired value.

As soon as the vehicle has established a connection to the Internet, you can use the "Vehicle Homepage" during the charging process. Changes that you have made using the "Vehicle Homepage" are also transmitted once charging is completed. This data transfer is terminated after approximately three days.

On-board computer and displays

Important safety notes

You will find an illustration of the instrument cluster in the "At a glance" section (▷ page 22).

WARNING

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.

WARNING

No messages will be displayed if either the instrument cluster or the multifunction display is inoperative.

As a result, you will not be able to see information about your driving conditions, such as speed, outside temperature, warning and indicator lamps, display messages or system failures. Driving characteristics may be impaired. Adjust your driving style and vehicle speed accordingly.

Immediately consult a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. smart recommends a smart Centre for this purpose. In particular, work relevant to safety or on safety-related systems.

tems must be carried out at a qualified specialist workshop.

WARNING

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.

WARNING

The operating safety of your vehicle could be impaired if maintenance work is carried out incorrectly. 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 qualified specialist workshop must have the necessary specialist knowledge and tools to carry out the work required. smart recommends a smart 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

Points to remember

When you unlock the vehicle, the on-board computer is activated.

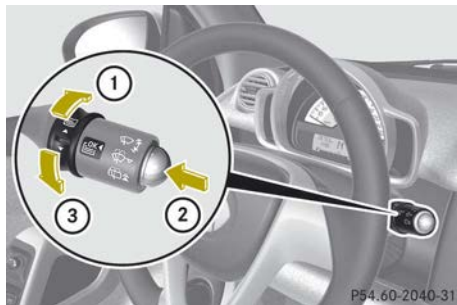
WARNING

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.

Control lever

You can control the multifunction display and the settings in the on-board computer

using the control lever on the steering wheel.



Control lever

①	Control wheel Press up to select a menu
②	OK button Confirms the selection Scrolls through stored messages in the Messages menu
③	Control wheel Press down to select a menu

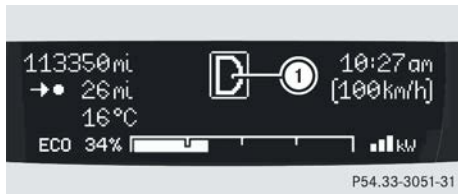
Multifunction display

Values and settings as well as display messages are shown in the multifunction display of the on-board computer.

- ▶ **To activate the multifunction display:** unlock the vehicle.
- ▶ **To acknowledge the messages:** briefly press the OK button on the control lever (▷ page 91).
- ▶ **To exit the menu:** press the control wheel on the control lever (▷ page 91) up or down until the **Back** menu item appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.

You can control the multifunction display and the settings in the on-board computer

Gear status indicator



Gear status indicator ① displays information on the gear selected.

Display	Function
P	Parking lock
R	Reverse gear
N	Neutral
D	Drive

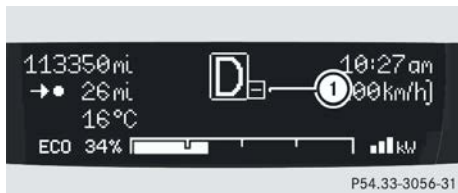
Recuperation status indicator*

The recuperation status indicator tells you which recuperation level is currently set. The recuperation level is set using the steering wheel gearshift paddles* (> page 74).

The following levels are available:

- no recuperation (level 0)
- moderate recuperation (level 1)
- high recuperation (level 2)
- BRABUS vehicles: high recuperation with subsequent sporty acceleration (level 3)

No recuperation (level 0)



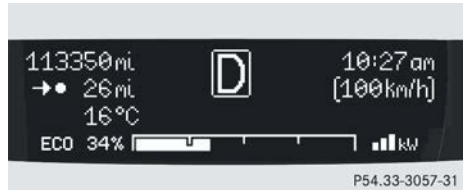
① Symbol for no recuperation

No recuperation takes place in this mode. When you remove your foot from the accel-

erator pedal, the vehicle continues moving and is not decelerated.

Use this mode in driving situations where few braking operations are required, e.g. on motorways.

Moderate recuperation (level 1)

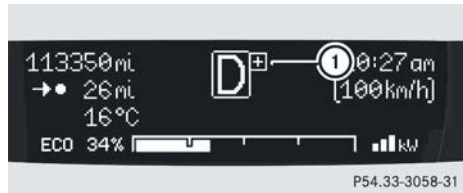


Moderate recuperation takes place in this mode. When you remove your foot from the accelerator pedal, the vehicle is decelerated slightly. The recovered kinetic energy is converted into electrical energy by the electric motor. This energy is stored in the high-voltage battery.

This mode is the default setting after the vehicle has been started.

Use this mode in driving situations where equal amounts of acceleration and braking are encountered, e.g. interurban journeys.

High recuperation (level 2)



① Symbol for high recuperation

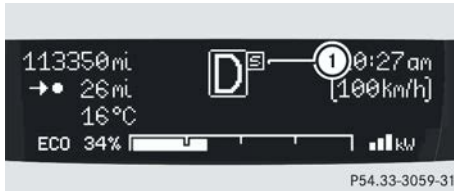
High recuperation takes place in this mode. When you remove your foot from the accelerator pedal, the vehicle is decelerated rapidly. This mode is where the kinetic energy is most efficiently converted into electrical energy.

Use this mode in driving situations where frequent braking is required, e.g. in stop-and-go traffic around town.

* optional

High recuperation with subsequent sporty acceleration (level 3)

This function is only available on BRABUS vehicles.



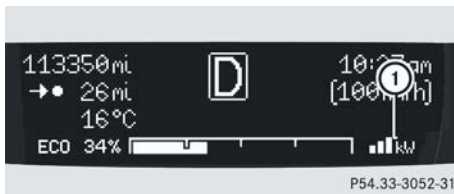
- ① Symbol for high recuperation with sporty acceleration

As in level 2, high recuperation takes place in this mode. When you remove your foot from the accelerator pedal, the vehicle is decelerated rapidly. You can accelerate the vehicle more rapidly when you subsequently depress the accelerator pedal. In this mode, energy conversion is just as efficient as in level 2.

Maximum available power display

⚠ WARNING

If the display showing the maximum power available is not within the maximum range, you will notice a reduction in power. If the power is reduced, you could cause an accident in certain driving situations. Adapt your driving style as appropriate and be particularly careful when overtaking or accelerating.



The display showing maximum available drive power ① is divided into three segments. The number of filled segments represents the currently available power.

- Three segments: full power output is available.
- Two segments: a maximum output of 66% is available.
- One segment: a maximum output of 33% is available.

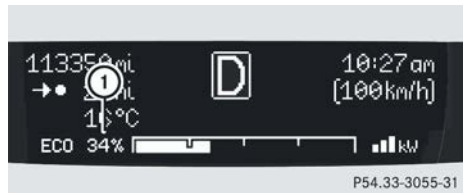
Under normal operating conditions, the display of maximum available power ① is in the maximum range.

The power output available may deviate from the maximum range in the event of:

- very hot or very cold outside temperatures
- very high performance requirements for a longer period of time
- very low charge status of the high-voltage battery

The reduced power output can be improved by charging the high-voltage battery (> page 75).

ECO display



ECO indicator ① should help you optimise your driving style. This will reduce energy consumption and increase the range of your vehicle.

The ECO value, shown as a percentage, indicates if and by how much your driving style deviates from an ideal driving style (100%). It is calculated using the dynamic influencing variables:

- Acceleration
- Braking
- Smoothness

You will receive feedback:

- on your driving style when accelerating and coasting
 - The ECO value increases if you accelerate smoothly and measuredly. The ECO value decreases if you accelerate hard.
 - If you adopt a smooth and predictive driving style and allow the vehicle to coast down rather than braking suddenly, the ECO value increases.
- on how consistent your driving style is
 - If you accelerate measuredly, remove your foot from the accelerator in good time and avoid frequent braking, your driving style is smooth and constant. This increases the ECO value.

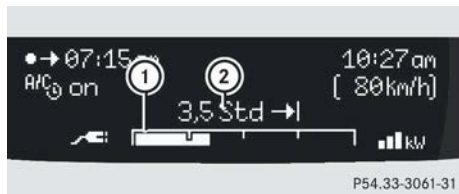
The ECO value is calculated using the average of the influencing variables specified above. As a result, you can influence it more at the start of a journey than at the end of a journey.

After the vehicle has been at a standstill for a longer period, ECO indicator ① will always start with a value of 50%.

If you reset the **START** menu in the trip computer (> page 98), the ECO value is reset to 50%.

The ECO value is displayed:

- while driving
- when the key is in position **2** in the ignition lock



If the high-voltage battery is being charged and the key is in position **1**, the following is displayed instead of the ECO display:

- battery charge status ①
- remaining charge time ② until the specified departure time or until the high-voltage battery is fully charged

READY indicator



The **READY** indicator appears in the multi-function display for approximately two seconds when:

- the key is in position **2** in the ignition lock
- no malfunctions have been detected

The vehicle is ready for driving.

i The operational readiness of the vehicle is stopped automatically when the charging cable is inserted into the vehicle socket.

Charging mode indicator

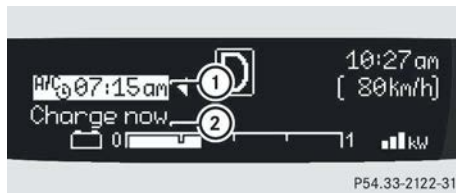
When you switch off the ignition, you can see the indicator showing the currently selected charging mode.

The charging mode cannot be changed after switching off the ignition.

i If the multifunction display has already gone out, you will have to turn the key to position **1** in the ignition lock. You can then adjust the setting in the **Charge and depart** menu (> page 98).

If you do not change the setting, the last entry selected is activated. If you haven't changed any settings or the departure time

within the last 24 hours, the **Charge now** menu will be activated.



Example: departure time is selected

- ① Default departure time
- ② **Charge now** menu

► **To change the setting:** press the control wheel on the control lever (► page 91) up or down until the desired mode has been selected in the multifunction display.

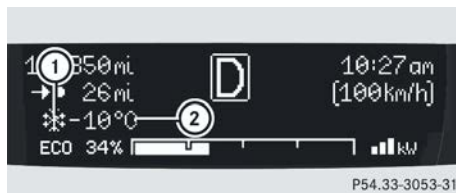
Further information:

- Setting the departure time (► page 99)
- Starting the charging process directly (► page 100)

Frost warning indicator and outside temperature display

⚠ WARNING

When the temperature displayed is just above freezing point, the road surface may be icy, especially in wooded areas or on bridges. The vehicle could skid if you fail to adapt your driving style. Always adapt your driving style and drive at a speed to suit the prevailing weather conditions.



Should the outside temperature drop below 3 °C, you will be notified in the multifunction display that the road could be icy. Ice crystal symbol ① flashes for 60 seconds.

There is a short delay before a change in outside temperature ② is displayed.

Charge status and power display



- ① Charge level display
- ② Power display

Charge level display

⚠ Do not hang any objects on the charge level gauge.

This could cause the charge level gauge to be torn out of its anchorage point and be damaged.

Charge level display ① can be turned 90°. If the ignition is switched on and you turn on the lighting system, the dashboard clock is illuminated from the inside.

Charge level display ① displays the charge status of the high-voltage battery as a percentage.

The charge level of the high-voltage battery has dropped into the reserve range when the drive system is running and:

- the **High-voltage battery at reserve level** message appears in the display
- charge level display ① is in the red area

ⓘ Charge the high-voltage battery from a state of charge of less than 20% by connecting to a

- mains socket (► page 79)
- wallbox (► page 83)
- charging station (► page 84)

Power display

WARNING

The operating condition of the high-voltage battery (e.g. not yet at normal operating temperature or fully charged) influences the braking effect of the electric motor.

In overrun or braking mode, the motor's braking effect may therefore be reduced or may not be present at all.

As a result of the reduced engine braking effect, you may cause an accident and injure yourself or others.

Compensate for the reduced engine braking effect by pressing the brake pedal accordingly, as required.

! Do not hang any objects on the power display.

This could cause the dashboard clock to be torn out of its anchorage point and be severely damaged.

Power display ② can be turned 90°. If the ignition is switched on and you turn on the lighting system, the dashboard clock is illuminated from the inside.

Power display ② contains two areas:

- Area to the right of 0
The current power that the drive system provides to the rear wheels is shown here. 100% corresponds to the peak performance of 55 kW.
- Area to the left of 0
The vehicle's level of recuperative power in overrun mode is shown here.

If the needle for power display ② is in the "Off" position, the vehicle is not ready to drive because:

- the drive system has not yet been started
- the gear lever has not been moved to position **N** or **P** to start the drive system
- the charging cable is still connected to the vehicle socket

- there is insufficient power available from the high-voltage battery
- the vehicle's high-voltage electrical system is malfunctioning

If the drive system has been started, the needle of power display ② is in position "0". The **READY** (▷ page 94) indicator appears in the instrument cluster. The vehicle is ready for driving.

Adjusting the instrument cluster lighting

Five lighting adjustment levels are available for the following instruments:

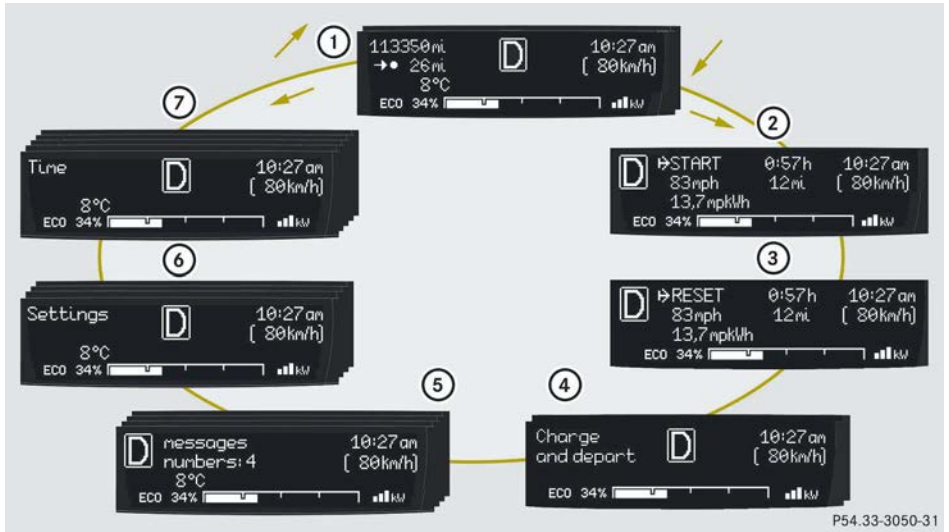
- Switches
- Scales in the instrument cluster
- Radio*
- Air conditioning control panel
- Power and charge level display



- ① Resets the trip meter/trip computer
- ② Adjusts the instrument cluster lighting
- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ Switch on the side lamps.
- ▶ **To brighten or dim:** press button ② on the right-hand side of the instrument cluster.
The brightness of the instrument cluster lighting changes by one level.
The current setting is stored.

Menus and submenus

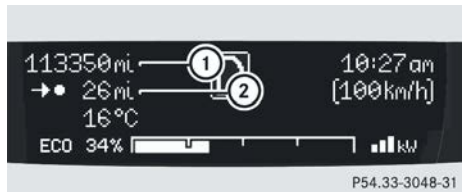
Menu overview



	Menu
①	Distance (▷ page 97)
②	→Start (▷ page 98)
③	→Reset (▷ page 98)
④	Charge and depart (▷ page 98)
⑤	Messages (▷ page 101)
⑥	Settings (▷ page 101)
⑦	Time (▷ page 102)

Odometer menu

In the Distance menu you can view the total distance recorder or trip meter and the remaining distance.



- ① Trip meter or total distance recorder
- ② Remaining range

- ▶ Press the control wheel on the control lever up or down until the distance appears in the multifunction display.
- ▶ **To switch between the total distance recorder and trip meter:** press left button ⑥ (▷ page 22) on the instrument cluster.
- ▶ **To reset the trip meter:** select the corresponding display.
- ▶ Press and hold left button ⑥ (▷ page 22) of the instrument cluster until the trip meter is reset to 0.

If the remaining range of the battery has fallen below 10%, position ② displays the **Low battery** message.

➔ **START menu**

You can use the ➔**START** menu to view the trip computer from start. The values in the ➔**START** trip computer are calculated from the start of a journey.

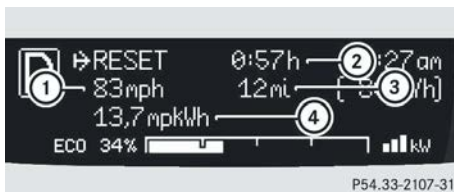


- ① Average speed
- ② Driving time
- ③ Trip distance
- ④ Average energy consumption
- ▶ Press the control wheel on the control lever up or down until ➔**START** appears in the multifunction display.
- ▶ **To reset:** press and hold left button ⑥ on the instrument cluster (▷ page 22) until the trip computer is reset to 0.
- ❗ The ➔**START** trip computer is automatically reset when:
 - the ignition has been switched off for more than four hours.
 - 9,999 kilometres have been exceeded.

➔ **RESET menu**

You can use the ➔**RESET** menu to view the trip computer from reset.

The values in the ➔**RESET** trip computer relate to those measured since it was last reset.



- ① Average speed
- ② Driving time
- ③ Trip distance
- ④ Average energy consumption
- ▶ Press the control wheel on the control lever up or down until ➔**RESET** appears in the multifunction display.
- ▶ **To reset:** press and hold left button ⑥ on the instrument cluster (▷ page 22) until the trip computer is reset to 0.

Charge and depart menu

The following settings can be made in the **Charge and depart** menu:

- programming a departure time
- switching the "Climate control prior to departure" function on and off
- starting the high-voltage battery charging process directly
- setting the maximum possible charge current
- ▶ Press the control wheel on the control lever up or down until the **Charge and depart** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.

Setting the departure time

You can use this function to set a departure time in advance.

This is useful when:

- you want to cool or heat the vehicle before departure
- you want to charge the vehicle at a charging station/wallbox at the lowest electricity rate

The "Adj. temp. for depart" function cools or heats the vehicle interior before the scheduled departure time.

Conditions:

- The doors and tailgate are closed.
- The charge cable for the high-voltage battery is connected to a current source and plugged into the vehicle socket.
- The high-voltage battery is sufficiently charged.

The maximum time required for the "Adj. temp. for depart" function is 30 minutes.

Adjust the air distribution in the vehicle as follows to ensure that the "Adj. temp. for depart" function operates optimally:

- Direct air through the centre and side vents in the summer.
- Direct air towards the windscreen and side windows in the winter.

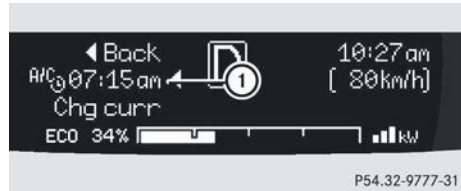
For information about air distribution, see (▷ page 109).

Adjusting the airflow control does not have any effect on the "Adj. temp. for depart" function.

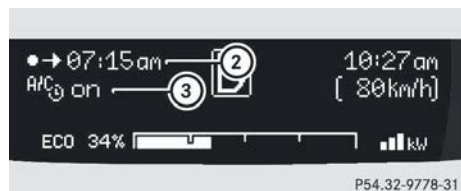
- i** If the programmed period of time is too short, the high-voltage battery may not receive a full charge. The maximum charge that can be achieved will then be shown after the departure time is set.
- i** If the high-voltage battery is not charged sufficiently and the "Adj. temp. for depart" function is switched on, the high-voltage battery will be charged first. Once the battery is at least 30%

charged, the "Adj. temp. for depart" function is activated. This function then takes precedence over the charging of the high-voltage battery.

Activating the set departure time



- ▶ Press the control wheel on the control lever up or down until last departure time set ① appears in the multifunction display.



- ▶ Briefly press the OK button on the control lever. The departure time function is activated ②. The last setting for "Adj. temp. for depart" function ③ will be used.

Changing the programmed departure time

- ▶ Press the control wheel on the control lever up or down until the **Overwrite** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.
- ▶ If 12-hour mode is set: Press the control wheel on the control lever up or down until the desired mode (**am** or **pm**) has been selected.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired hour has been selected.

- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired minutes have been selected.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the "Adj. temp. for depart" function has been switched on or off.
- ▶ Briefly press the OK button on the control lever.

The new departure time is stored and activated.

The "Adj. temp. for depart" function is switched on or off.

Starting high-voltage battery charging directly

Use this function to start the charging process directly. Charging begins as soon as the charging cable is connected.

- ❗ Charging also starts when you plug the charging cable into the vehicle socket. However, this only applies if you have not preset a departure time. For information about the charging process, see (▷ page 79).
- ▶ Press the control wheel on the control lever up or down until the **Instant charge** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever. Charging begins as soon as the charging cable is connected.
- ❗ If you call up the **Instant charge** menu, you will not be able to use the "Adj. temp. for depart" function.

Setting the maximum possible charge current

WARNING

If the charge current draw via a mains socket is too high during the charging process, the external mains supply may overheat. There is a risk of fire.

Before charging, check the maximum permissible charge current available at the location. If necessary, contact a qualified specialist company for assistance.

Adjust your vehicle's settings, if necessary.

- ❗ If the charge current is too high, the fuse could be tripped or the external mains supply could overheat. Check if the external mains supply is equipped to handle the programmed charge current. If necessary, reduce the programmed charge current or use a different mains socket.

You can limit the charge current used for charging the high-voltage battery. This may protect the mains supply from overloads. You can set the limitation either on the charge cable control panel or via the on-board computer (▷ page 80).

The default value is "Max." This is the maximum charge current available from the mains supply.

Before charging the high-voltage battery, check the maximum permissible charge current for the particular mains socket.

The following values are available: 8 A, 12 A, Max. The last value set will be stored until you change it again.

- ▶ Press the control wheel on the control lever up or down until the **Charge current** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.

- ▶ Press the control wheel on the control lever up or down until the desired amperage has been selected.
 - ▶ Briefly press the OK button on the control lever.
The selected amperage is set.
- i** If values set at the charging cable and in the on-board computer differ, the high-voltage battery will be charged using the lower value.
- i** If charging the vehicle's high-voltage battery is taking longer than usual, check the maximum charge current settings.

Message menu

You can view the message memory in the **Messages** menu.

- i** If there are no messages, the **Messages** menu will not be displayed.



- 1** Number of existing messages
- ▶ Press the control wheel on the control lever up or down until the **Messages** menu appears in the multifunction display.
 - ▶ Briefly press the OK button on the control lever.
The multifunction display shows the first stored message.
 - ▶ **To scroll through the messages:** briefly press the OK button on the control lever.

For further information on messages, see (▷ page 137).

Service display

The service display informs you of the time and scope of the next service due date. The

service due date appears in the multifunction display:

- Care service in XXX mi
- Main service in XXX mi
- Main service in XX days

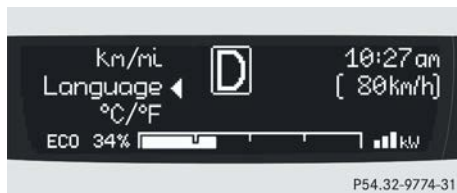
- ▶ **To acknowledge the message:** briefly press the OK button on the control lever.
The message is stored in the message memory.

If the service due date has been exceeded, the kilometres or days are displayed in the multifunction display with a minus sign.

Settings menu

In the **Settings** menu, you have the following options:

- Setting the distance unit of measurement
 - Setting the language
 - Setting the temperature unit of measurement
- ▶ Press the control wheel on the control lever up or down until the **Settings** menu appears in the multifunction display.
 - ▶ Briefly press the OK button on the control lever.



Setting the language

You can select the following languages:

- German
- English
- French
- Italian
- Spanish

- ▶ Press the control wheel on the control lever up or down until the **Language** menu has been selected.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired language has been selected.
- ▶ Briefly press the OK button on the control lever.
The selected language is set.

Setting the temperature unit of measurement

You can select the following units:

- Celsius (°C)
- Fahrenheit (°F)
- ▶ Press the control wheel on the control lever up or down until the **°C/°F** menu has been selected.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired unit has been selected.
- ▶ Briefly press the OK button on the control lever.
The selected unit is set.

Setting the distance unit of measurement

You can select the following units:

- kilometres (km)
- miles (mi)
- ▶ Press the control wheel on the control lever up or down until the **km/mi** menu has been selected.
- ▶ Briefly press the OK button on the control lever.

- ▶ Press the control wheel on the control lever up or down until the desired unit has been selected.
- ▶ Briefly press the OK button on the control lever.
The selected unit is set.

Clock menu

In the **Time** menu, you have the following options:

- Setting the hour mode (12 h or 24 h)
- Setting the time of day¹⁴
- Setting the hours
- Setting the minutes
- ▶ Press the control wheel on the control lever up or down until the **Time** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.

Setting the hour mode

You can choose between the 12-hour and 24-hour mode.

- ▶ Press the control wheel on the control lever up or down until the **12h 24h** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired mode has been selected.
- ▶ Briefly press the OK button on the control lever.
The selected mode is set.

Setting the time of day

You can only change this setting if the 12-hour mode has been selected.

¹⁴ Only in 12-hour mode.

- ▶ Press the control wheel on the control lever up or down until the **am pm** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired mode has been selected.
- ▶ Briefly press the OK button on the control lever.
The selected mode is set.

Setting the hours

- ▶ Press the control wheel on the control lever up or down until the **Hour** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired number has been selected.
- ▶ Briefly press the OK button on the control lever.
The selected number is set.

Setting the minutes

- ▶ Press the control wheel on the control lever up or down until the **Minute** menu appears in the multifunction display.
- ▶ Briefly press the OK button on the control lever.
- ▶ Press the control wheel on the control lever up or down until the desired number has been selected.
- ▶ Briefly press the OK button on the control lever.
The selected number is set.

The descriptions refer to the full scope of optional equipment. Only the descriptions of the equipment actually installed in your vehicle are relevant for you. A detailed description of the systems is available in the separate operating instructions.

WARNING

Before setting off, make yourself familiar with the various audio, navigation and telecommunications functions. This will prevent you from becoming distracted from the traffic when you operate these functions while the vehicle is in motion.

For safety reasons, make entries only when the vehicle is stationary and the traffic conditions permit.

WARNING

Always set the volume so that you remain able to hear the sounds of your environment (e.g. car horns, ambulances, police sirens etc.). You could otherwise cause an accident.

WARNING

If you wish to have a radio other than the original smart radio installed in your vehicle, make sure that you have the necessary work performed at a qualified specialist workshop, e.g. a smart Centre.

This is particularly important if your vehicle is equipped with fittings for a radio.

In the event of incorrect installation, important vehicle functions could fail. This would jeopardise the operating safety of your vehicle and thus the safety of yourself and others.

Audio/telematics devices*

Notes

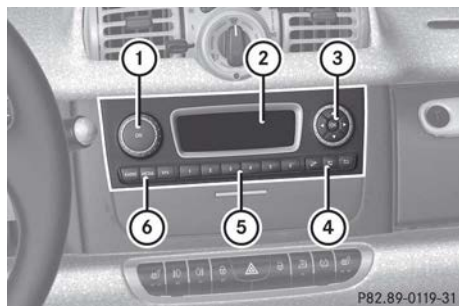
The following pages provide a brief description of the audio, navigation and telecommunications systems available for the smart fortwo coupé and fortwo cabrio.

* optional

Audio system basic*

Audio system basic has the following functions:

- radio (FM/AM)
- RDS and radio text
- AUX/USB port (▷ page 104)

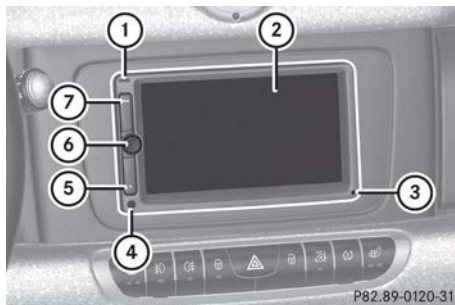


- ① On/off button/volume
- ② Display
- ③ Skip/scroll/station search
- ④ Control panel for function selection: sound settings, mute function, back button
- ⑤ Station presets
- ⑥ Control panel for function selection: radio, media, system

Audio system navigation/multimedia*

Audio system navigation/multimedia has the following functions:

- radio (FM/AM)
- RDS
- AUX/USB port (▷ page 104)
- Bluetooth® hands-free system
- navigation
- music mode with CD/DVD, SD memory card, via AUX/USB/iPod® port or Bluetooth® audio
- video mode with CD/DVD, SD memory card or via AUX/USB/iPod® port
- image display for CD/DVD, SD memory card or for USB/iPod® port

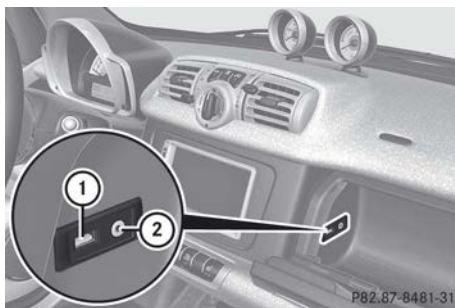


- ① Indicator lamp for Bluetooth® connection
- ② Touchscreen
- ③ Microphone
- ④ Light sensor
- ⑤ EJECT button
- ⑥ On/off button/volume/mute
- ⑦ MENU button

AUX/USB connections*

Using the AUX/USB ports and a commercially available connector, you can connect mobile audio equipment, e.g. an MP3 player.

The ports are located in the stowage compartment on the front-passenger side or in the glove compartment in the centre console.



- ① USB port
- ② AUX port

Sound system*

The sound system replaces the existing loudspeakers with more powerful loudspeakers, supplemented by additional loudspeakers (including an amplifier in the right-hand side footwell and a passive subwoofer under the driver's seat).

Driving systems

Cruise control*

Cruise control maintains a constant road speed for you. Cruise control does not brake automatically on downhill gradients. Only the engine's braking effect is available. You have to operate the brakes yourself to reduce speed. This interrupts cruise control.

WARNING

Cruise control cannot take road and traffic conditions into account.

Always pay attention to traffic conditions even when cruise control is activated.

Cruise control is only an aid, designed to assist the driver during vehicle operation. You are responsible for the vehicle's speed and for braking in good time.

WARNING

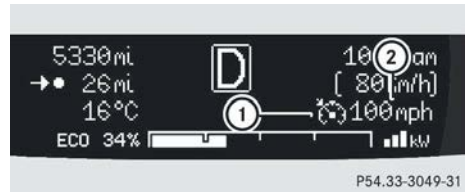
Do not use cruise control:

- 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. Acceleration could cause the drive wheels to lose their grip and the vehicle could skid.
- when there is poor visibility, e.g. due to fog, heavy rain or snow.

Use cruise control only if road and traffic conditions make it appropriate to maintain a steady speed for a prolonged period.

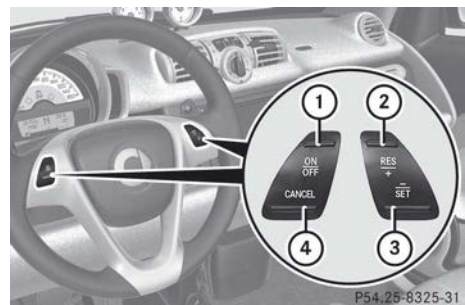
* optional

You can use cruise control at speeds above 30 km/h.



- ① Activated cruise control
- ② Stored speed

Cruise control buttons




- ① To activate/deactivate cruise control
- ② To call up/increase the speed last stored
- ③ To save/reduce the current speed or a lower speed
- ④ To interrupt cruise control

Activating or deactivating cruise control

Cruise control must be activated before it can be used.


Cruise control is deactivated automatically when you switch off the ignition.

- ▶ Press ON/OFF button ① and release it. Cruise control is activated.

The  symbol appears in the multi-function display.

Storing and maintaining the current speed

You can save the current speed from 30 km/h.

- ▶ Accelerate the vehicle to the desired speed.
- ▶ When cruise control is activated, press SET/- button ③ and release it.
- ▶ Remove your foot from the accelerator pedal. Cruise control is activated. The vehicle automatically maintains the stored speed. The stored speed appears beside the  icon in the multifunction display.

i Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed is resumed when the gradient evens out.

On downhill gradients, only the engine's braking effect is available. You have to operate the brakes yourself to reduce speed. This interrupts cruise control.

Interrupting cruise control

When cruise control is activated, you can interrupt cruise control at any time and call up the stored speed again later.

- ▶ Press and release CANCEL button ④.

or

- ▶ Brake
Cruise control is interrupted.

Cruise control is also interrupted when:

- you engage the parking brake
- you are driving at less than 30 km/h
- esp® intervenes.

Calling up the last speed stored

WARNING

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. Oth-

erwise, sudden acceleration could endanger you and others.

- ▶ Press RES/+ button ② and release it. Cruise control is activated and adjusts the vehicle's speed to the last speed stored.
- ▶ Remove your foot from the accelerator pedal.

i The last speed stored is cleared when you switch off the ignition.

Increasing or decreasing the speed

In order to be able to increase or decrease the speed, a speed must already have been 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.

- RES/+: increases the speed
- SET/-: decreases the speed
- ▶ Press and hold RES/+ button ② or SET/- button ③ until the desired speed has been reached.
- ▶ Release the respective button. The new speed is stored.

Making adjustments in 1 km/h increments

In order to be able to increase or decrease the speed in 1 km/h increments, you must have stored a speed first.

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.

- RES/+: increases the speed
- SET/-: decreases the speed

- ▶ Press RES/+ button ② or SET/- button ③ and release it.
The new speed is stored.

Climate control

General notes

WARNING

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 with automatic temperature control increases driving comfort at high exterior temperatures by cooling and dehumidifying the air.

A filter (particle, pollen and dust filter) cleans the fresh air. The filter operates even if the air-conditioning system is switched off and the blower is switched on. The air dehumidification function of the air-conditioning system prevents the windows from misting up when air humidity is high.

You can also take advantage of this to defrost the windows. To do this, switch on the air-conditioning system and set the heating to maximum.


The air-conditioning system only operates:

- with the ignition switched on
- with the blower switched on
- with the driver's door closed

Optimum operation is achieved only when you drive with the windows closed.


If the operating temperature of the high-voltage battery is too high, the high-voltage battery is cooled by the air-conditioning system. This reduces the cooling output for the vehicle interior. This can cause the temperature in the vehicle interior to increase temporarily.

When the air-conditioning system is not on, the air-conditioning system compressor and the fan for cooling the vehicle interior are switched on automatically. This cools the high-voltage battery, but not the vehicle interior. When the high-voltage battery has returned to the nominal temperature, the air-conditioning system is automatically deactivated.

-  The range of the vehicle is reduced when the air-conditioning system is on.

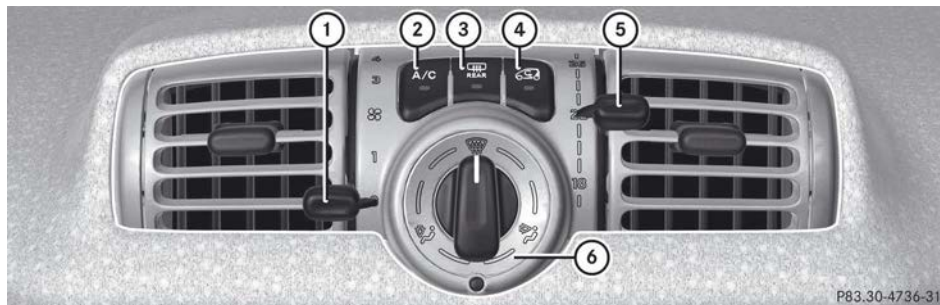
Environmental note

Keep the windows closed when operating the air-conditioning system with automatic temperature control. Doing so saves energy.

-  Ventilate the vehicle for a brief period during warm weather. This helps you to achieve the desired interior temperature more quickly.

For information on the "Adj. temp. for depart" function, see (▷ page 99).

Overview of functions



- ① To increase/reduce the airflow
- ② To switch the air-conditioning system with automatic temperature control on/off
- ③ Rear window heating
- ④ Air-recirculation mode
- ⑤ To increase/reduce the temperature
- ⑥ Air distribution

Switching climate control on/off

Control panel (▷ page 108).

- ▶ Make sure the ignition is switched on
- ▶ **To activate:** set airflow control ① to level 1 or above.
- ▶ Press the air-conditioning system button ②.
The indicator lamp in button ② lights up. The air-conditioning system is activated.
- ▶ **To activate:** press button ② again.
The indicator lamp in button ② goes out. The air-conditioning system is deactivated.

- i** When the ignition is switched on again, the saved setting is restored.

Setting the temperature

Control panel (▷ page 108).

- i** Recommendation: set the temperature control to 22 °C. Only change the temperature setting in small increments.

- ▶ **To increase or reduce the temperature:** slide temperature control ⑤ up or down.

Setting the air vents

⚠ WARNING

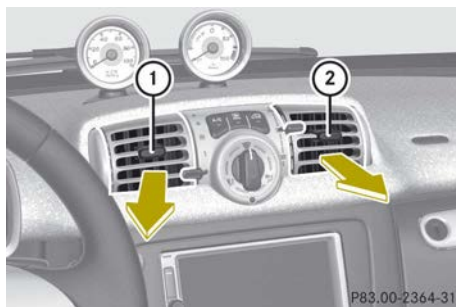
Very hot or very cold air can flow from the air vents. This could cause burns or frost-bite to bare skin in the immediate vicinity of the vents. Keep bare skin away from these air outlets. If necessary, use the air distribution control to direct the airflow away to a different area of the vehicle interior.

Please observe the following notes to ensure that the air can flow freely through the air vents:

- keep the air inlet free, for example of ice or snow, to guarantee the supply of fresh air into the vehicle interior.
- never cover the vents in the vehicle interior.
- i** Position the sliders for the centre and side air vents in the central position to

provide virtually draught-free ventilation.

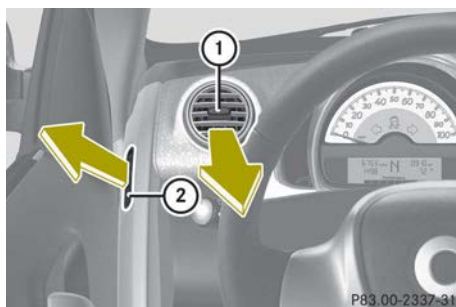
Centre air vents



- ① Swivelling centre air vent, left
- ② Swivelling centre air vent, right

- ▶ **To adjust:** turn up or down or push to the left or right.
- ▶ **To open:** push slider ① or ② inwards, towards the centre console.
- ▶ **To close:** push slider ① or ② outwards, towards the side window.

Side air vents






- ① Swivelling side air vent
- ② Side window demister vent

- ▶ **To open:** push slider ① inwards, towards the centre console.
- ▶ **To close:** push slider ① outwards, towards the side window.

Setting the air distribution

The symbols on the thumbwheel have the following meanings:

-  Directs the airflow to the windscreen and side windows
-  Directs the airflow to the footwell and through the centre and side air vents
-  Directs the airflow to the centre and side air vents

- i** You can also turn the thumbwheel to the area between two symbols.

Control panel (▷ page 108).

- ▶ Turn thumbwheel ⑥ to the desired symbol.
Air distribution is controlled according to the position of the thumbwheel.

Setting the airflow

There are five different airflow levels that can be set manually. The airflow is controlled in accordance with the selected level:

- 0 Blower off
- 1 Blower slow
- 2 Blower medium
- 3 Blower high/defrosting
- 4 Blower maximum

Control panel (▷ page 108).

- ▶ **To increase or reduce airflow:** slide airflow control ① up or down.

Demisting the windscreen


WARNING

Never drive off with misted-up or iced-up windows. Your field of vision would be seriously restricted, endangering yourself and others. You may be prevented from observing the traffic situation, thereby causing an accident.

The best defrosting result is achieved when the windows are cleared of ice completely using an ice scraper, before starting your journey.

Also use the "Adj. temp. for depart" function (▷ page 99).

Control panel (▷ page 108).

- ▶ **To activate:** set airflow control ① to level 3.
- ▶ Set air distribution control ⑥ to .
- ▶ Slide temperature control ⑤ all the way up.

Switching the rear window heating on/off

The rear window heating is intended for fast defrosting and clearing a misted-up rear window, allowing good visibility. It switches off automatically after ten minutes.

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



- ▶ Make sure that the key is in position 1 in the ignition lock.
- ▶ **To switch on:** press button ①. The indicator lamp in the button lights up. The rear window heating is switched on.
- ▶ **To switch off:** press button ① again. The indicator lamp on the button goes out. The rear window heating is switched off.

Activating/deactivating air-recirculation mode

You can temporarily deactivate the intake of fresh air using the air-conditioning system with automatic temperature control if unpleasant odours are entering the vehicle from outside. No more fresh air will be taken in and the air inside the vehicle will be recirculated.

WARNING

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. You may be prevented from observing the traffic situation, thereby causing an accident.

Control panel (▷ page 108).

- ▶ **To activate:** press button ④. The indicator lamp in button ④ lights up. Air circulates in the vehicle interior.
- ▶ **To deactivate:** press button ④ again. The indicator lamp in button ④ goes out. Air flows into vehicle from outside.

Loading and stowing

Loading guidelines

For further information on weights and dimensions, see (▷ page 188).

WARNING

Your vehicle has not been approved by the manufacturer for towing a trailer. A trailer could seriously impair driving safety.

⚠ WARNING

A roof rack or load must not be mounted on the roof as:

- the panorama sunroof* or the soft-top system could be destroyed and cause injury to yourself and others
- this would have serious negative effects on the driving dynamics which could cause accidents
- the roof rack and/or load could break free, causing an accident or injuring other people

⚠ WARNING

You should always secure the load. If you brake sharply, change direction suddenly or are involved in an accident, the load may be thrown forwards and seriously, or even fatally, injure occupants.

⚠ WARNING

Transport heavy and hard objects in the boot, not in the vehicle interior.

Vehicle occupants could be injured by objects being thrown around in the vehicle in the event of:

- sharp braking
- a change of direction or
- an accident

🌱 Environmental note

Do not carry any unnecessary weight in the vehicle. This increases vehicle weight, which results in increased energy consumption.

Reducing the load**⚠ WARNING**

The load (both inside the vehicle and on the rear rack), including occupants, may not exceed the permissible gross vehicle weight and the permissible axle load. Overloading the vehicle, or loading it incorrectly, compromises driving stabil-

ity and the resultant handling may result in tyre damage. You may lose control of the vehicle and cause an accident, injuring yourself or others.

Optional equipment and accessories increase the unladen weight. This reduces the payload. A full range of equipment could weigh up to 50 kg.

Mounting a basic rack*, a cycle rack* or a ski/snowboard rack* on the rear of the vehicle changes the axle load distribution as specified by the vehicle manufacturer.

Read the operating instructions for the individual accessories.

Note the following:

- the handling characteristics of the vehicle are dependent on the distribution of the load within the vehicle
- never exceed the maximum permissible gross vehicle weight or the permissible axle loads for the vehicle (including occupants)
- the load must not protrude above the upper edge of the head restraints
- ensure that no items of luggage can enter the vehicle interior above or between the front seats
- ensure that loaded objects are stowed safely and are secured
- load heavy objects at the bottom and light objects at the top
- for safe transport of heavy or small objects, use a divider between the luggage and passenger compartments. For example, use the original smart accessory Protective Divider plus*.
- the maximum permissible boot load is 50 kg

* optional

Cup holder*


WARNING


The cup holder is only intended for holding closed drinks bottles, cups with lids or drinks cans. Do not leave any hot drinks in the cup holder while driving. Otherwise, you may scald yourself.


Do not store any items in the cup holder which are too high, sharp or heavy. These cannot be held securely in the cup holder. Vehicle occupants could be injured by objects being thrown around in the vehicle in the event of:

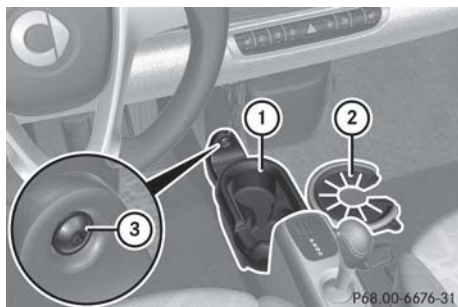
- sharp braking
- a change of direction or
- an accident

The cup holder is intended for holding closed drinks bottles, cups with lids or drinks cans securely.

 Close the cup holder ring while driving.

 Do not use the cup holder as an ashtray. It could otherwise be damaged.

 Clean the cup holder with a damp cloth.




- ① Cup holder
- ② Cup holder ring
- ③ Securing screw

► **To fit:** place cup holder ① against the front of the lower dashboard panelling and press it firmly. Ensure that the cup

holder fits exactly to the contours of the dashboard panelling.

► Screw supplied securing screw ③ into the bore hole in the dashboard panelling and fasten the screw securely.

 You can fold cup holder ring ② into the passenger footwell and place the drinks bottle on the floor of the vehicle.

Luggage compartment cover with luggage net

WARNING

The boot cover is not able to restrain heavy objects in an accident. For this reason, you should always secure heavy objects.

Vehicle occupants could be injured by objects being thrown around in the vehicle in the event of:

- sharp braking
- a change of direction or
- an accident

WARNING

Do not transport objects on the boot cover when it is fitted.

Vehicle occupants could be injured by objects being thrown around in the vehicle in the event of:

- sharp braking
- a change of direction or
- an accident

WARNING

Only place lightweight items in the luggage net bag. Do not use it to transport heavy, sharp-edged or fragile objects. In the event of an accident, the luggage net bag will not secure the transported goods adequately.

Vehicle occupants could be injured by objects being thrown around in the vehicle in the event of:

- sharp braking
- a change of direction or
- an accident

Observe the loading guidelines and "Protective Divider plus*".

The boot cover:

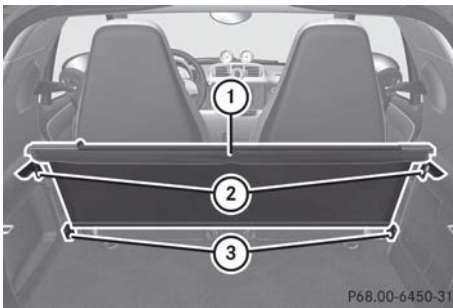
- conceals objects in the vehicle's boot
- prevents smaller objects from slipping from the boot into the vehicle interior, but will not restrain loads in the event of an accident

The luggage net bag:

- serves to hold small, light objects
- prevents smaller objects from slipping within the vehicle interior

! If objects are placed on the fitted boot cover, the cover can be destroyed.

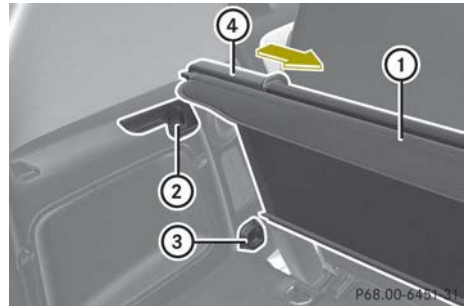
Fitting



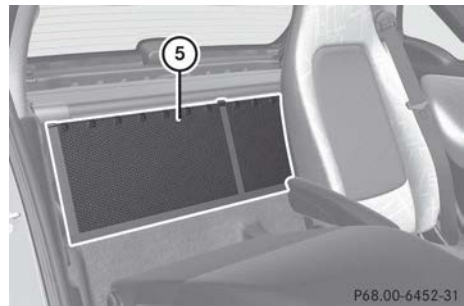
For standard use of the boot cover, fit it in brackets (2). If you do not require the boot cover, fit it in brackets (3).

- ▶ For easier fitting, fold the front seat backrests forwards (▷ page 53).
- ▶ Open the tailgate.

- ▶ Hold boot cover (1) in the boot with the luggage net bag at the front.
- ▶ Insert the boot cover into upper bracket (2) or into lower bracket (3) on the right-hand side.



- ▶ Slide handle (4) to the right in the direction of the arrow.
- ▶ Insert the boot cover into bracket (2) or (3) on the left side panelling and release the handle. Boot cover (1) snaps into place.

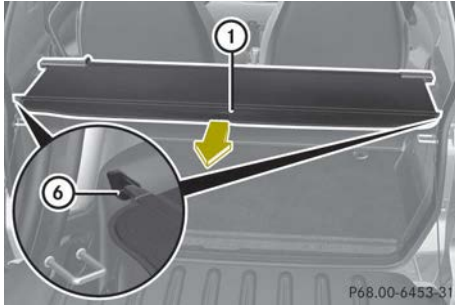


- ▶ Pull luggage net bag (5) down slightly and secure with the Velcro fasteners.

To remove, follow the sequence in reverse.

* optional

Operating



- ▶ **To close:** grip boot cover ① in the middle and pull it back.
- ▶ Hook boot cover ① into left and right rear brackets ⑥ and release.
- ▶ **To open:** grip boot cover ① in the middle, pull it back and unhook it from rear brackets ⑥.
- ▶ Slide boot cover ① back.

Coat hook¹⁵

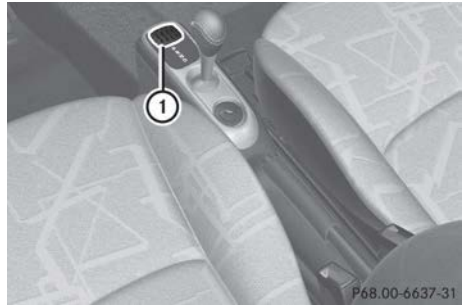
The coat hooks are located on the rear roof frame on the left and right-hand sides.



- ① Coat hooks

Stowage compartments

Coin holder



Example: Coupé

- ① Coin holder

Stowage compartment in the doors

The stowage compartments are in the door on the driver's and the passenger side.



- ① Stowage compartment

¹⁵ fortwo coupé only.

Stowage compartments next to the steering wheel



① Stowage compartment

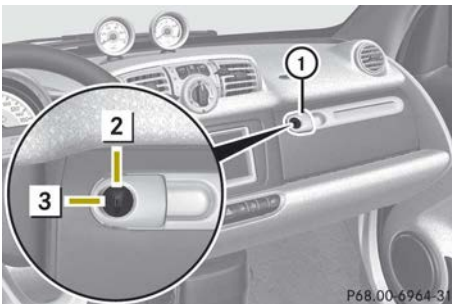
Stowage compartment on the passenger side



① Stowage compartment

Glove compartment*

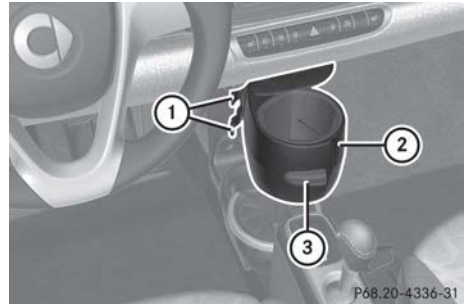
- ① There is a clip on the glove compartment flap, e.g. for notes.



* optional

- ▶ **To open:** pull handle ①.
- ▶ **To lock:** insert the key (> page 48) into the lock and turn it to position ③.
- ▶ **To unlock:** insert the key into the lock and turn it to position ②.

Stowage box* in the centre console



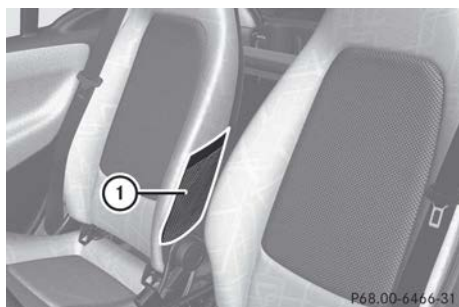
- ▶ **To fit:** slide stowage box ② onto the cones on the vertical console until the stowage box engages audibly.
- ▶ **To remove:** push levers ① towards the stowage box simultaneously.
- ▶ Pull out stowage box ② from the vertical console.
- ▶ **To open:** pull handle ③.
- ▶ **To close:** swing back stowage box ② until it engages.

- ① Clean the stowage box with a damp cloth.

Stowage nets on the seats

The stowage nets are located on the inner side bolsters.

- ① If the driver's seat is equipped with an armrest*, only the front-passenger seat has a stowage net.
- ① Each stowage net can carry a maximum of 0.4 kg.



① Stowage net

Drawer

The drawer is located below the radio¹⁶.



① Drawer

- ▶ **To open:** press the centre of the drawer. The drawer opens slightly.
- ▶ Pull out the drawer.
- ▶ **To close:** push the drawer closed until it engages.

Stowage compartment in the tailgate¹⁷

The charging cable can be stored in the stowage compartment in the tailgate (> page 79) if it has suitable stowage space.

- ❗ Do not place the charging cable in the stowage spaces of the soft-top system roof bars. Placing the charging cable there could damage the stowage spaces when closing the stowage compartment.

¹⁶ Audio system basic only.*

¹⁷ fortwo coupé only.

You should therefore make sure that the charging cable is only placed in stowage areas intended for it.



- ▶ **To open:** open the tailgate.
- ▶ Pull back handle ① on the inside of the tailgate.
- ▶ Fold the lid of the stowage compartment forwards in the direction of the arrow.
- ▶ **To close:** fold the lid of the stowage compartment back in the opposite direction to the arrow.
- ▶ Firmly press the marking "PRESS" in the centre of the cover until it engages audibly.

Features

Sun visors

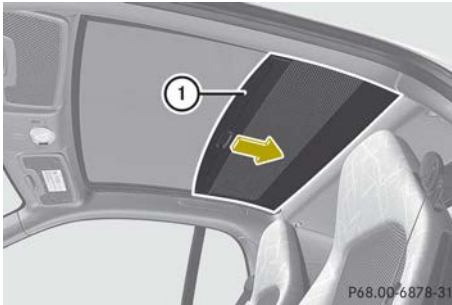


- ▶ Fold down sun visor ①.

! The sun visor cannot be folded sideways to the windows.

Roller sunblind* (coupé only)

The roller sunblind protects from sunlight entering through the panorama roof* and prevents the interior from heating up. The roller sunblind can be freely adjusted by pushing it into any position.



▶ To open or close: pull or push roller sunblind ① forwards or backwards by the handle.

12 V socket

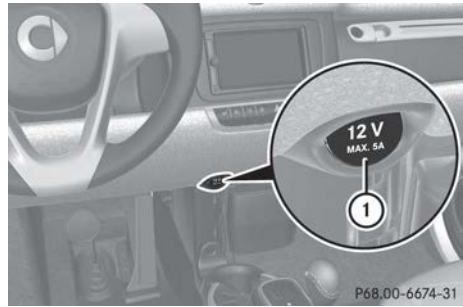
When the ignition is switched on, the 12 V power socket supplies power to:

- the cigarette lighter* in conjunction with the ashtray*
- the tyre inflation compressor in conjunction with the breakdown kit*
- other consumers operating at 12 V and no more than 5 amps (60 watts) that have a suitable plug

! Do not connect a 12 volt battery charger. Otherwise, the vehicle electronics may be damaged. Observe the notes about charging the 12 volt battery in the "Practical advice" section.

The 12 V socket is located in the lower centre console.

* optional



① 12 V socket

! Do not use an unsuitable plug as this will result in damage to the 12 V socket.

! Please observe the safety notes in the respective operating instructions.

Please keep in mind that:

- the 12 V socket is only designed for a continuous load of 5 amps (60 watts).
- the 12 V socket can be used to operate the tyre inflation compressor for the time it takes to inflate a tyre without incurring any problems.
- the vehicle battery discharges when there is a current draw.

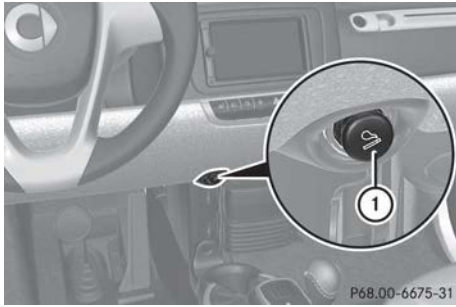
Cigarette lighter*

⚠ WARNING

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.

! Do not connect a 12 volt battery charger. Otherwise, the vehicle electronics may be damaged. Observe the notes about charging the 12 volt battery in the "Practical advice" section.

The cigarette lighter is in the lower centre console.

**>> Controls.**

- ▶ Make sure that the key is in position **1** in the ignition lock.
- ▶ Press in cigarette lighter ①.
The cigarette lighter will pop out automatically when the heating element is red-hot.



Vehicle equipment	120
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Driving abroad	129
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Vehicle equipment

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

i Please read the information on qualified specialist workshops (> page 14).

Front compartment

Service cover

To prevent it from becoming damaged or dirty, the service flap can be removed and hung on the front of the vehicle.

i The service flap is attached to the rear side of the vehicle body with a strap.

⚠ WARNING

Before opening the service flap, always switch off the engine and remove the key from the ignition lock.

If the windscreen wipers are inadvertently switched on, there is a risk of serious injury from the wiper motor located below the service flap.

⚠ WARNING

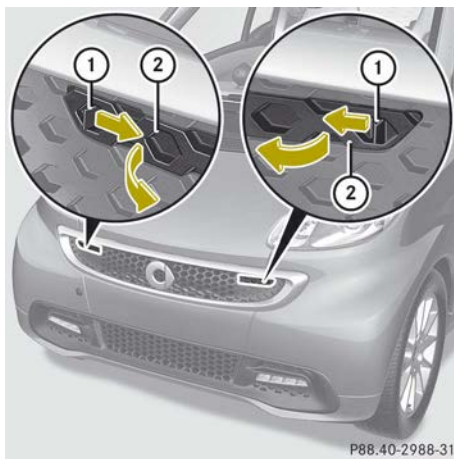
Make sure that the service flap is locked before driving off. Otherwise, the service flap could come loose and endanger you or others.

! Check the levels at regular intervals.

! To ensure unhindered air intake, completely remove any dirt or snow from the ventilation slots above the service flap.

- ▶ Park the vehicle on a flat, level surface.
- ▶ Switch the ignition off.
- ▶ Apply the parking brake.

Removing



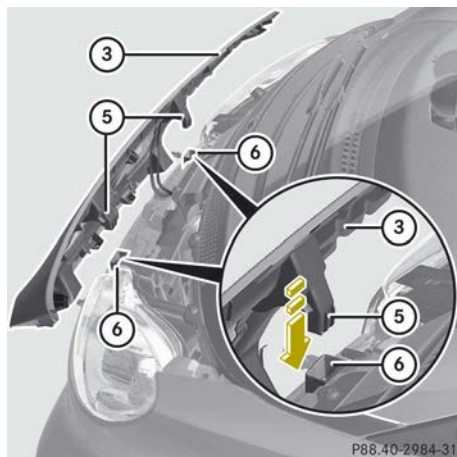
P88.40-2988-31

- ▶ Press release catches ① with a suitable implement in the direction of the arrow. Release levers ② from the radiator trim.
- ▶ Pull both levers ② forwards in the direction of the arrow.



P88.40-2983-31

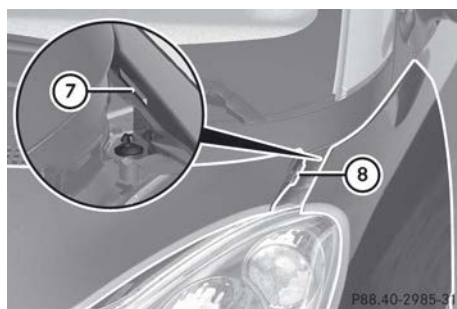
- ▶ Pull both levers ② out completely in the direction of the arrow.
- ▶ Lift service flap ③ at the front.
- ▶ First pull service flap ③ forwards slightly and then upwards to remove it ④.



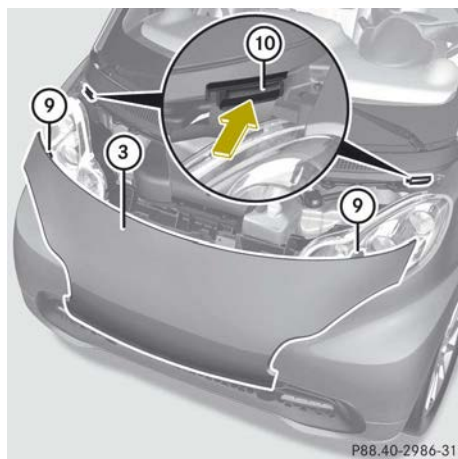
- ▶ Hook service flap ③ into openings ⑥ by hooks ⑤ at the top rear.

Inserting

- ▶ Remove service flap ③.



- ▶ Slide bars ⑧ to the left and right of the service flap under the bar on wing ⑦.



- ▶ Insert lugs ⑨ on the rear of service flap ③ all the way into two openings ⑩.



- ▶ Press service flap ③ down in the direction of arrow ⑪.
- ▶ Slide both levers ② in and then back.



- ▶ Press lever ② in the radiator trim and allow it to engage.

Coolant

WARNING

The cooling system is pressurised. Therefore, do not unscrew the cap before the engine has cooled down. Wait for a cooling period of at least 30 minutes. Otherwise, you could be scalded if hot coolant escapes.

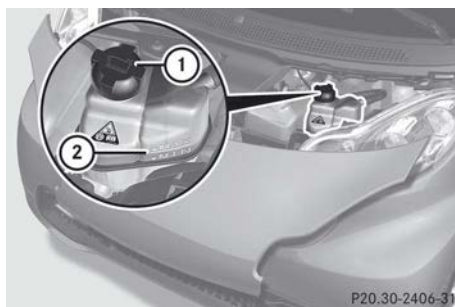
Coolant consists of water and antifreeze or corrosion inhibitor. Further notes can be found on (▷ page 184).

Only check the coolant level when the vehicle is on a level surface.

Pay attention to the "Important safety notes" (▷ page 15).

Checking the coolant level

The coolant expansion tank for cooling the battery and drive is located in the front compartment on the left when viewed in the direction of travel.



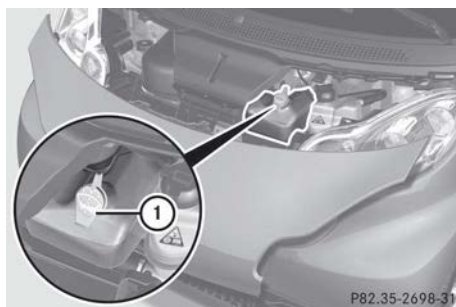
- ▶ Let the coolant cool down for at least 30 minutes.
- ▶ Open the service flap (▷ page 120).
- ▶ Check the reservoir visually. The fluid level must be between MIN and MAX.

Topping up the coolant

- ▶ Cover cap ① of coolant expansion tank ② with a cloth.
- ▶ Slowly turn cap ① by half a turn anti-clockwise to allow excess pressure to escape.
- ▶ Turn cap ① further anti-clockwise and remove it.
- ▶ Do not exceed the maximum filling level when adding coolant.
- ▶ Screw on cap ① tightly.

Windscreen washer system

The washer fluid reservoir is located in the front compartment on the left-hand side of the vehicle when viewed in the direction of travel. The recommended minimum amount when topping up is 1 litre.



⚠ WARNING

Windscreen washer fluid is highly flammable. Fire, naked flames and smoking are prohibited when handling washer fluid concentrate.

Use:

- a washer fluid additive at temperatures above freezing to prevent smearing, such as smartcare glass cleaner concentrate for summer.
- a washer fluid additive, such as smartcare glass cleaner concentrate for winter, when there is a risk of frost to prevent the washer fluid from freezing on the windscreen.
- ▶ Mix the washer fluid in a container beforehand. Match the mixture ratio to the outside temperature (▷ page 185).
- ▶ Open the service flap (▷ page 120).
- ▶ **To open:** pull cap ① of the reservoir up by the tab.
- ▶ **To close:** press cap ① onto the reservoir.

Brake fluid

Over a period of time, the brake fluid absorbs moisture from the air. This lowers its boiling point.

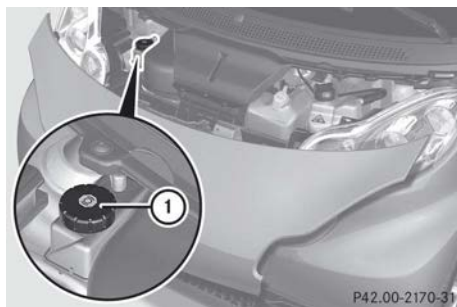
⚠ WARNING

If the boiling point of the brake fluid is too low, vapour pockets may form in the brake system if the brakes are subjected to a heavy load (e.g. when driving downhill).

This impairs braking efficiency. Have the brake fluid renewed every two years.

- ❗ Always have brake fluid topped up at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.

The brake fluid reservoir is located in the front compartment on the left when viewed in the direction of travel.



- ① Cover

Checking the brake fluid level

- ▶ Open the service flap (▷ page 120).
- ▶ Check the reservoir visually.
The fluid level must be between MIN and MAX.
If the level is slightly below the MIN mark, visit a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.
If the level is significantly lower than the MIN mark, call a breakdown service, e.g. smartmove Assistance or consult a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.

Tyres and wheels

Notes

- ❗ For reasons of safety, smart recommends tyres that have been approved by smart or tyres that offer the same level of

safety. These tyres are suited to work in conjunction with systems such as abs or esp®. If other tyres are fitted, smart cannot be held responsible for damage that may occur as a result. Further information can be obtained at any qualified specialist workshop, e.g. a smart Centre. Fit only recommended wheels and tyres on your smart fortwo. If other wheels are fitted, smart cannot be held responsible for the negative effects (e.g. increased road noise, increased fuel consumption, reduced road holding) or damage that may occur as a result.

In addition, when driving with a load, dimensional variations and different tyre deformation characteristics could cause the tyres to make contact with the bodywork and axle components. This could result in damage to the tyres or the vehicle.

! Retreaded tyres have not been tested by smart and the fitment of such tyres is not recommended. Previous damage sustained by the tyres (before the retreading process) cannot always be recognised. As a result, smart cannot guarantee vehicle safety if retreaded tyres are fitted.

WARNING

Only use wheels of the dimensions stated in the vehicle registration documents.

If wheels or tyres of other dimensions are fitted:

- the brakes or chassis components could be damaged.
- wheel and tyre clearances can no longer be guaranteed.

This could cause an accident.

Modification work on the brake system and wheels is not permitted, nor is the use of spacer plates or brake dust shields. Any such modifications would invalidate the vehicle's general operating permit.

- Only fit tyres and wheels of the same type and make.
- Only fit tyres of the correct size onto the wheels.
- Run in new tyres at moderate speeds for the first 100 km.
- Replace tyres after six years at the latest, regardless of wear.

At least every two weeks, check:

- tyres and wheels for damage. Damaged wheels can lead to a loss of pressure and result in further damage.
- tyre pressure and adjust it if necessary.
- tyre tread depth.

WARNING

Bear in mind that:

- tyre grip decreases rapidly on wet roads when the tread depth drops below 3 mm. You must replace winter tyres with a tread depth of less than 4 mm immediately. They are no longer suitable for winter use, in particular because they do not provide sufficient grip.
- the tread on a tyre may not wear evenly.

In order to be able to check the insides of the front tyres, turn the front wheels to full lock if necessary. Always check the insides of the tread on the rear tyres too.

You could otherwise lose control of the vehicle and cause an accident due to the reduced grip of the tyres on the road.

! Store tyres in a cool, dry and, if possible, dark place. Protect the tyres from oil, grease and fuel.

Never use a high-pressure device to clean the tyres. Otherwise, you could damage your wheels.

Direction of rotation

Tyres with a specified direction of rotation can have additional benefits, e.g. if there is a risk of aquaplaning. These

advantages can only be gained if the tyres are fitted corresponding to the direction of rotation.

An arrow on the sidewall of the tyre indicates its correct direction of rotation.

Tyre pressure

WARNING

If the pressure in a tyre drops repeatedly, inspect the tyre for foreign objects and check whether the tyre or valve is leaking. If the tyre pressure is too low, the handling characteristics of the vehicle may be affected and you could endanger yourself or others.

Environmental note

Check the tyre pressure regularly, at least every 14 days.

You will find a table of tyre pressures on the inside of your vehicle's fuel filler flap. (> page 82)

Only correct tyre pressures when the tyres are cold.

The tyres are cold:

- if the vehicle has been parked with the tyres out of direct sunlight for at least three hours and
- if the vehicle has not been driven further than 1.6 km.

Depending on the ambient temperature, the speed at which you are driving and the load on the tyres, the tyre temperature and thus the tyre pressure change by approximately 10 kPa per 10 °C (0.1 bar/1.5 psi). Take this into account when checking the pressure of warm tyres. Only correct the tyre pressure if it is too low for the current operating conditions.

Tyre pressure monitor

General notes

If a tyre pressure monitor system is fitted, the vehicle's wheels have sensors fitted that monitor the tyre pressures in all four tyres. The tyre pressure monitor warns you if the pressure drops in one or more of the tyres. The tyre pressure monitor only functions if the corresponding sensors are fitted to all wheels.

Important safety notes

It is the driver's responsibility to set the tyre pressure to the recommended cold tyre pressure suitable for the operating situation (> page 125). Note that the correct tyre pressure for the current operating situation must first be taught-in to the tyre pressure monitor. If there is a substantial loss of pressure, the warning threshold for the warning message is aligned to the reference values taught-in. Restart the tyre pressure monitor after adjusting to the cold tyre pressure (> page 126). The current pressures are saved as new reference values. This will ensure that a warning message will only appear if the tyre pressure drops significantly.

The tyre pressure monitor does not warn you of an incorrectly set tyre pressure.

Observe the notes on the recommended tyre pressure (> page 125).

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. Avoid abrupt steering manoeuvres.

The tyre pressure monitor has a warning lamp in the instrument cluster for indicating a pressure loss or malfunction. Depending on how the warning lamp flashes or lights up, a tyre pressure that is too low or a malfunction in the tyre pressure monitor is indicated:

- If the warning lamp is lit continuously, the tyre pressure on one or more tyres is significantly too low. The tyre pressure monitor is not malfunctioning.
- If the warning lamp flashes for around a minute and then remains lit constantly, the tyre pressure monitor is malfunctioning.

If the tyre pressure monitor is malfunctioning, it may take more than ten minutes for the tyre pressure warning lamp to inform you of the malfunction by flashing for approximately one minute and then remaining lit. When the fault has been rectified, the tyre pressure warning lamp goes out after you have driven for a few minutes. The operation of the tyre pressure monitor can be affected by interference from radio transmitting equipment (e.g. cordless headphones, two-way radios) that may be being operated in or near the vehicle.

Restarting the tyre pressure monitor

The tyre pressure monitor must be restarted when you set the tyre pressure to a new value. The monitor uses the currently set tyre pressures as the reference values for monitoring. The tyre pressure monitor then monitors the new tyre pressure values.

- ▶ Use the table on the inside of the fuel filler flap to ensure that the tyre pressure is set correctly in all four tyres for the current operating conditions.

Also observe the notes in the "Tyre pressure" section (▷ page 125).



- ▶ Press button ①.

The warning lamp indicating pressure loss or a malfunction flashes for around five seconds and then goes out.

After you have driven for a few minutes, the system checks whether the current tyre pressures are within the specified range. The new tyre pressures are then accepted as reference values and monitored.

Interchanging the wheels

⚠ WARNING

Never interchange the front and rear wheels as they have different dimensions, e.g. size, offset etc. Otherwise, there could be a negative effect on the road holding and you could endanger yourself or others.

Clean the contact surfaces of the wheel and the brake disc thoroughly every time a wheel is changed. Check the tyre pressures.

⚠ WARNING


After a wheel change, have the tightening torque of the wheel bolts checked at a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

⚠ WARNING

The wheels could work loose if the wheel bolts are not tightened to a torque of **110 Nm**. For reasons of safety, smart recommends that only the correct wheel bolts approved by smart or equivalent wheel bolts are fitted. Further information can be obtained at any qualified specialist workshop, e.g. a smart Centre.

Winter operation**Winter tyres**

At the beginning of winter, have your vehicle winterproofed at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.

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.

⚠ WARNING

You must replace winter tyres with a tread depth of less than 4 mm 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 permitted speed than that of the vehicle, affix an appropriate warning sign showing the maximum permitted speed in the driver's field of

vision. You can obtain such a sign at a qualified specialist workshop, e.g. a smart Centre.

Winter driving

Drive particularly carefully on slippery roads in winter.

Avoid sudden acceleration, steering and braking manoeuvres.

Driving tips**Energy-saving riding style**

- Drive carefully and maintain a suitable distance from the vehicle in front.
- Avoid frequent and sudden acceleration as well as abrupt braking.
- Correct tyre pressures save energy, increase the service life of the tyres and improve braking safety. Tyre pressure specifications for different load and climate conditions can be found on the inside of the charge socket flap.
- Any basic carrier bars*, bicycle racks* and ski/snowboard racks* fitted increase air resistance and therefore the vehicle's energy consumption. Remove these when they are not required.
- Any unnecessary load in the luggage compartment also increases energy consumption. Remove any unnecessary load from the luggage compartment.
- Have the vehicle checked regularly at a qualified specialist workshop. Do not exceed the maintenance interval.

Braking**Important safety notes****⚠ WARNING**

Make sure that you do not endanger other road users when you apply the brakes.

* optional

Heavy and light loads

WARNING

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. Drive on for a short while to allow the airflow to cool the brakes.

If you only use the brakes moderately, you should occasionally check their effectiveness. To do this, brake more firmly from a higher speed. This improves the grip of the brakes.

Wet road surfaces

If you have been driving in heavy rain for a long period without braking, the first time you brake:

- the brakes may respond with a delay.
- you may have to depress the brake pedal more firmly.

You must therefore maintain a greater distance from the vehicle in front.

Brake firmly after driving on a wet road. This will warm up the brake discs, thereby drying them more quickly and protecting them against corrosion.

Limited braking performance on salt-treated roads

WARNING

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.

Note that braking performance on salted road surfaces can be limited. A layer of salt residue may form on the brake discs and pads/linings, resulting in a significant reduction in the coefficient of friction between the brake disc and brake pad/lining.

This particularly occurs:

- after long drives without braking, for example on motorways
- after the vehicle has been parked for several hours

New brake pads/linings

For safety reasons, smart recommends that you only use brake pads/linings which have been approved by smart or ones that are equally safe. Further information can be obtained at a qualified specialist workshop, e.g. a smart Centre.

WARNING

New brake pads/linings only have optimal braking performance after several hundred kilometres. Until then, compensate the reduced braking performance by applying greater pressure to the brake pedal and adapt your driving style to suit. This also applies when brake pads/linings or brake discs have been changed.

Driving on downhill gradients

Please note the following to ensure that you do not exceed the maximum permissible speed when driving on downhill gradients:

- When driving on downhill gradients, do not move the gear lever to position **N**.
- Recuperation is restricted when:
 - the high-voltage battery is full or too cold
 - the power electronics or engine has overheated

If necessary, brake the vehicle as well to prevent it from moving too fast. When braking, do not brake continuously. Only brake intermittently.

Recuperation

Recuperation power is limited if the high-voltage battery is fully charged or too cold.

The vehicle may only be decelerated via the accelerator pedal to a limited degree or may not be decelerated at all if:

- the shift lever is position **D** and the vehicle is rolling backwards
- the shift lever is in position **R** and the vehicle is rolling forwards

On steep slopes, the crawl function may not be able to hold the vehicle at all or may only be able to hold it to a limited degree.

Driving abroad

Symmetrical dipped-beam headlamps

If you drive in countries in which traffic drives on the opposite side of the road to the country where the vehicle is registered, oncoming traffic may be dazzled by the asymmetrical dipped-beam headlamps. Have the headlamps changed to symmetrical dipped beam when driving in these countries.

You can have this conversion carried out at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.

Care

Notes


The value of your vehicle will be retained by regular and proper care. The best protection from harmful environmental influences is regular cleaning and preservation. smart recommends performing a paint treatment twice a year (e.g. in spring and autumn).

WARNING

Always follow the instructions for the use of care products. Always keep care products tightly closed and out of the reach of children.

Environmental note

Dispose of empty packaging and cleaning cloths in an environmentally responsible manner.

 Observe the notes on care. We recommend that you wash your car by hand.

smart recommends using smartcare products for the following reasons:

- they clean very well and offer optimal protection.
- they have been specially designed for the materials used by smart.

Repair damage caused by loose chippings and immediately remove the following substances which can stick to the vehicle, in particular:

- insect remains
- bird droppings
- tree resin
- oils and grease

- fuels
- tar stains

! If this kind of soiling is not removed immediately, the paint or soft-top fabric* can become damaged. Such damage is classed as environmental influence and as such is not covered by the warranty.

Vehicle care

All care products are available from the smartcare range at qualified specialist workshops, e.g. any smart Centre.

i Notes on care for the soft-top system can be found on (▷ page 134).

WARNING

After the car has been washed, the brakes may still be damp and therefore not function optimally. Therefore, brake lightly several times after driving off. Pay attention to the traffic conditions as you do so.

Overview

Interior	Light soiling	Heavy soiling	Caution
Fabric covers	Mild soapy solution Use a clean, lint-free cloth	Stain remover (test on an inconspicuous position beforehand) Use a clean, lint-free cloth	Do not rub hard Do not use petroleum ether
Plastic parts	Damp, clean cloth, dashboard cleaner Use a colourfast cloth	Damp, clean cloth, dashboard cleaner Use a colourfast cloth	Do not scrub Do not use solvents
Leather covers	Clean cloth with lukewarm water and a leather care agent Use a clean, colourfast cloth	Leather care agent Use a clean, colourfast cloth	Do not use caustic agents, stain remover etc.
Artificial leather covers	1% detergent solution (e.g. washing-up liquid) Use a lint-free cotton cloth Clean the whole surface of the cover	1% detergent solution (e.g. washing-up liquid) Use a lint-free cotton cloth Clean the whole surface of the cover	Do not use aggressive agents, such as bathroom or kitchen cleaner, stain remover etc.
Glass and windows	Damp, clean cloth, micro-fibre cloth, glass cleaner	Micro-fibre cloth, glass cleaner	Do not use caustic or aggressive agents

Exterior	Normal soiling Hand-wash/automatic car wash	Heavy soiling Hand-wash/automatic car wash	Caution
Tridion safety cell High-gloss plastic parts (body panels)	Car shampoo concentrate, insect remover for insect remains, polish	Car shampoo concentrate, hard wax, insect remover for insect remains, polish	Do not use: <ul style="list-style-type: none"> • aggressive paint cleaner • abrasive cleaning agents • acidic or highly alkaline agents • abrasive sponges

Exterior	Normal soiling Hand-wash/auto- matic car wash	Heavy soiling Hand-wash/auto- matic car wash	Caution
Wheels and hub caps	Car shampoo concentrate, wheel cleaner	Car shampoo concentrate, wheel cleaner	
Soft-top fabric	Car shampoo concentrate, soft-top cleaner, water-proofing spray	Car shampoo concentrate, soft-top cleaner, water-proofing spray	

Removing insects

Remove any insects before washing your vehicle.

- ▶ Spray on the insect remover.
- ▶ Allow a brief period for the insect remover to act on the sprayed surface.
- ▶ Rub in lightly using a soft cloth or sponge.
- ▶ Rinse thoroughly with water.
- ▶ Treat the cleaned surface with hard wax.

Removing tar

Remove any tar immediately prior to washing the vehicle.

- ▶ Apply the tar remover using a soft cloth.
- ▶ Allow a brief period for the tar remover to act on the surface.
- ▶ Rub in lightly.
- ▶ Rinse thoroughly with water.
- ▶ Treat the cleaned surface with hard wax.

Hand-washing your vehicle

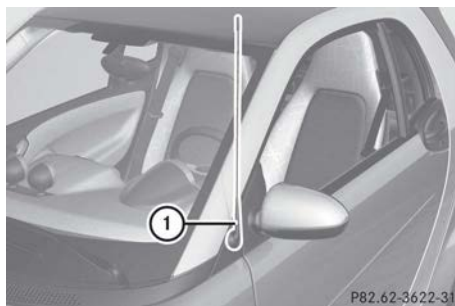
- ▶ Wash the vehicle using car shampoo concentrate and a sponge.
- ▶ Rinse with clean water.
- ▶ Polish the vehicle using a leather cloth.

! Do not wash the vehicle in bright sunlight. The surface of the body panels and paintwork could otherwise be damaged.

Washing your vehicle in an automatic car wash

- i** When cleaning the vehicle in a car wash, drops of water may run down the inside of the side windows.

Unscrew your vehicle's aerial before entering the car wash.



- ▶ **To remove:** unscrew aerial ① anti-clockwise.
- ▶ **To affix:** screw aerial ① on clockwise.

High-pressure cleaning equipment

! WARNING

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.

- !** Maintain a sufficient distance to soft materials such as plastic parts and rub-

ber hoses. The distance should be at least 30 cm and the water temperature should not exceed 60 °C.

Observe the instructions issued by the equipment manufacturer concerning the distance to be maintained between the nozzle of the high-pressure cleaner and the vehicle.

Move the high-pressure cleaner nozzle around when cleaning your vehicle.

! Do not aim the jet directly at the door gaps or at electrical components, plug connections or seals.

! Do not clean the high-voltage battery, drive or engine compartment with high-pressure cleaners.

Hub cap

► Clean the hub cap using car shampoo and a soft brush or clean the hub cap in the car wash.

Decorative adhesive films

! Decorative foils are applied permanently to the painted parts of your vehicle and cannot be removed.

! Prevent solvents, petrol or diesel from coming into contact with the foils.

i When using high-pressure cleaning equipment, observe the following standard values:

- maximum water temperature: 80 °C
- maximum pressure: 80 bar
- minimum distance: 30 cm
- water jet perpendicular to the surface of the vehicle

Paint care tips

The frequency at which paint care is necessary depends on various factors, including:

- vehicle use
- your parking habits (e.g. in a garage or under trees)
- the season
- the weather and the environmental conditions

Repairing paintwork damage

Repair smaller stone chips and scratches using a touch-up stick.

smartcare touch-up sticks are available from qualified specialist workshops, e.g. from a smart Centre.

i In cases of more substantial damage to paintwork, consult a qualified specialist workshop, e.g. a smart Centre.

Exterior	Repair options
Plastic parts (body panels) with a clear coat	Clear-coat touch-up stick
Body panels with a base coat and a clear coat	smartcare 2-coat touch-up stick set in the corresponding colour shade
Tridion safety cell	smartcare 2-coat touch-up stick set in the corresponding colour shade

Matt finish care

If your vehicle has a clear matt finish, observe the following instructions in order to avoid damage to the paintwork due to incorrect care.

! Under no circumstances should you polish the vehicle. Polishing will make the paintwork shine.

! 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).

Only have paintwork repairs carried out at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart 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 smart care products.

- ▶ Always dry clean first.
- ▶ Clean the soft-top fabric using a soft brush or sponge and plenty of lukewarm water.
- ▶ Then rinse thoroughly with clean water.

i If you wash the vehicle in a car wash, small quantities of water may occasionally enter the vehicle interior.

Soft-top system

Regular care protects the folding roof and the rear soft top from environmental influences, which helps maintain the value of the vehicle. To remove dirt, use smartcare soft-top cleaners or cleaners of equal quality.

! Never clean the soft top using a high-pressure cleaner as water could otherwise enter the vehicle interior.

Cleaning the soft-top fabric

! Only clean the folding roof and the rear soft top when they are closed.

Dry cleaning

- ▶ Brush the soft-top fabric from the front to the back with a soft brush, always maintaining the same stroke direction.

Wet cleaning

smart recommends using smartcare car shampoo concentrate and/or smartcare soft-top cleaner or cleaners of equal quality.



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Vehicle equipment

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

i Please read the information on qualified specialist workshops (▷ page 14).

► Remove the carpet in the passenger footwell (▷ page 169).

First-aid kit*, reflective safety jacket* and warning triangle*

The first-aid kit, the reflective safety jacket and the warning triangle are located in the stowage compartment in the tailgate as part of the safety plus package* (▷ page 116).

i Check the expiry date on the first-aid kit regularly, and replace the contents if necessary.

Where will I find...?

Breakdown kit*/TIREFIT Kit*

The breakdown kit or TIREFIT kit is under the carpet in the front-passenger footwell.



① Breakdown kit

The breakdown kit comprises:

- tyre sealant filler bottle
- tyre inflation compressor with connection hose
- "80 km/h" and "50 mph" sticker
- sticker with instructions in the lid

The TIREFIT kit comes with the following:

- tyre sealant filler bottle
- tyre inflation compressor
- connection hose
- "80 km/h" and "50 mph" sticker







Display messages

 **WARNING**











Always have maintenance work carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required, e.g. a smart Centre. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. There is a risk of accident and injury if this work is carried out incorrectly.










You can acknowledge certain display messages.






- ▶ **To acknowledge the messages:** briefly press the OK button on the control lever (▷ page 91).

Display messages	Possible causes/consequences and ▶ Solutions
 Switch off engine	The coolant is too hot. In addition, the  warning lamp in the instrument cluster lights up and a warning tone sounds. <ul style="list-style-type: none"> ▶ Do not drive on. ▶ Stop the vehicle immediately, paying attention to traffic conditions as you do so, and switch off the ignition. ▶ Secure the vehicle against rolling away with the parking brake. ▶ Contact a breakdown service, such as smartmove Assistance, or a qualified specialist workshop. Do not tow the vehicle.
 Release parking brake	You are driving with the parking brake applied. In addition, the  warning lamp in the instrument cluster lights up and a warning tone sounds. <ul style="list-style-type: none"> ▶ Release the parking brake.
 Brake system See Owner's Manual	There is a minor malfunction in the brake system vacuum supply. <ul style="list-style-type: none"> ▶ Depress the brake pedal further when braking. ▶ Visit a qualified specialist workshop.
 Brake malfunction → Consult workshop	There is a major malfunction in the brake system vacuum supply. A warning tone also sounds. <ul style="list-style-type: none"> ▶ Visit a qualified specialist workshop.

>> Practical advice.

Display messages	Possible causes/consequences and ► Solutions
 Shift to N or P to start	The gear lever is not in position N or P . The engine will not start. ► Move the gear lever to N or P . ► Make sure that N or P appears in the multifunction display.
 Transmission not in P	The driver's door is open and the gear lever is in position R , N or D . A warning tone also sounds. ► Move the gear lever to P .
 Visit wkshp	There is a malfunction in the refrigerant compressor or in the heating/coolant circuit. ► Visit a qualified specialist workshop.
 Battery power too low	The outside temperature is too low. Full battery power is not available. The vehicle cannot be started. ► Charge the high-voltage battery (► page 75).
 High-voltage battery at reserve level	The high-voltage battery has reached the reserve level. ► Charge the high-voltage battery (► page 75).
 Engine restart not possible	There is a serious malfunction in the vehicle's high-voltage electrical system. The engine can no longer be started. A warning tone also sounds. ► Do not restart the engine. ► Consult a qualified specialist workshop.
 High-voltage system → Consult workshop	There is a malfunction in the vehicle's high-voltage electrical system, the engine or the high-voltage battery. This is a high-voltage safety issue. In addition, the  warning lamp in the instrument cluster lights up and a warning tone sounds. ► Visit a qualified specialist workshop.
 Drive system → Consult workshop	There is a malfunction in the vehicle's high-voltage electrical system, the engine or the high-voltage battery. The yellow  warning lamp also lights up in the instrument cluster. ► Visit a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Drive system</p> <p>► Switch engine off</p>	<p>There is a malfunction in the vehicle's high-voltage electrical system. The vehicle's high-voltage electrical system may become damaged if you continue running the engine.</p> <p>In addition, the red  warning lamp lights up in the instrument cluster and a warning tone sounds.</p> <ul style="list-style-type: none"> ► Switch off the engine. ► Do not drive on. ► Consult a qualified specialist workshop. ► Do not tow the vehicle.
 <p>Reduce speed</p>	<p>The vehicle's speed is exceeding 135 km/h. A warning tone also sounds.</p> <ul style="list-style-type: none"> ► Reduce speed to below 135 km/h. The display message disappears.
 <p>Do not tow (away)</p>	<p>The drive system or the vehicle's high-voltage electrical system is faulty.</p> <p>The  warning lamp also lights up in the instrument cluster.</p> <ul style="list-style-type: none"> ► It is advisable to have your vehicle transported by a vehicle from a qualified specialist workshop. Do not tow the vehicle on its own wheels.
 <p>Charging not possible</p>	<p>There is a malfunction in the on-board charger. The high-voltage battery cannot be charged.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
 <p>Parking lock inactive</p>	<p>The gear lever is in position P, but the parking lock is not detected.</p> <p>A warning tone also sounds.</p> <ul style="list-style-type: none"> ► Apply the parking brake. ► Move the gear lever to a different position, such as R. ► Move the gear lever back to P.
 <p>Charge HV battery immediately</p>	<p>The high-voltage battery charge is below 5%. A warning tone also sounds.</p> <ul style="list-style-type: none"> ► Charge the high-voltage battery (▷ page 75).
 <p>Driver's door ajar</p>	<p>The driver's door is open.</p> <ul style="list-style-type: none"> ► Close the driver's door.

Display messages	Possible causes/consequences and ► Solutions
 Door ajar	The front-passenger door is open. A warning tone also sounds. ► Close the front-passenger door.
 Tailgate open	One of the tailgates or the tail cover ¹⁸ is open. ► Close the tailgate or tail cover.
 Danger: Ice	 Risk of accident The outside temperature has fallen below 3 °C. The road surface may be icy. ► Adapt your driving style and speed to suit the weather conditions. ► To acknowledge the message: briefly press the OK button on the control lever (▷ page 91).
 Charge cable connected	The charge cable is connected to the vehicle socket. The vehicle cannot be moved. A warning tone also sounds. ► Before driving off, disconnect the charge cable from the vehicle socket and stow it away in the vehicle.
Ready to charge	The vehicle is ready to charge the high-voltage battery. It may take up to 30 seconds before charging begins.
Malfunction	Even though the charge cable is connected to the vehicle socket correctly, the high-voltage battery cannot be charged. There is a malfunction in the on-board charger. ► Visit a qualified specialist workshop.
No charge	The voltage at the vehicle socket is insufficient. ► Make sure that the charge cable is correctly plugged into the sockets on the vehicle and power connection. If necessary, disconnect the charge cable from the sockets and then reconnect it. If the message continues to be displayed: ► Visit a qualified specialist workshop.





¹⁸ fortwo cabrio only.

Troubleshooting









Warning and indicator lamps in the instrument cluster






⚠ WARNING

Always have service work carried out at a specialist workshop which is qualified for smart electric drive vehicles. This specialist workshop has the necessary specialist knowledge and tools to carry out the work required. smart recommends a smart Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop. There is a risk of accident and injury if this work is carried out incorrectly.








Problem	Possible causes/consequences and ► Solutions
<p> The yellow abs warning lamp lights up when the ignition is switched on.</p>	<p>The system runs a self-diagnosis check. The warning lamp goes out after a maximum of ten seconds.</p>
<p> The yellow abs warning lamp lights up.</p>	<p>⚠ Risk of accident abs has been deactivated due to a malfunction. This also causes esp® to deactivate. The brake system continues to function normally, but without electronic support. The wheels could therefore lock if you brake hard, for example.</p> <ul style="list-style-type: none"> ► Do not drive on. ► Park the vehicle safely as soon as possible. ► When you leave the vehicle, secure it against rolling away by applying the parking brake. ► Call a breakdown service, e.g. smartmove Assistance or a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.
<p> The red brake system warning lamp lights up when the ignition is switched on.</p>	<p>The warning lamp goes out after ten seconds.</p>
<p> The red brake system warning lamp lights up while the hand-brake is applied.</p>	<p>The parking brake is applied.</p> <ul style="list-style-type: none"> ► Release the parking brake.





» Practical advice.






Problem	Possible causes/consequences and ► Solutions
 The red brake system warning lamp and the yellow abs warning lamp light up.	<p> Risk of accident</p> <p>abs has been deactivated due to a malfunction. This also causes esp® to deactivate.</p> <p>► Consult a specialist workshop which is qualified for smart electric drive vehicles, e.g. a smart Centre, without delay.</p>
 The red brake system warning lamp lights up.	<p> Risk of accident</p> <p>There is insufficient brake fluid in the fluid reservoir.</p> <p>► Do not drive on.</p> <p>► Park the vehicle safely as soon as possible.</p> <p>► When you leave the vehicle, secure it against rolling away by applying the parking brake.</p> <p>► Call a breakdown service, e.g. smartmove Assistance or a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.</p> <p> Risk of accident</p> <p>There is a malfunction in the brake circuit.</p> <p>► Do not drive on.</p> <p>► Park the vehicle safely as soon as possible.</p> <p>► When you leave the vehicle, secure it against rolling away by applying the parking brake.</p> <p>► Call a breakdown service, e.g. smartmove Assistance or a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.</p>
 The green dipped-beam headlamp indicator lamp lights up.	<p>The dipped-beam headlamps are switched on.</p>
 The blue main-beam headlamp indicator lamp lights up.	<p>Main-beam headlamps are switched on or the headlamp flasher is being used.</p>
 The yellow rear foglamp indicator lamp lights up.	<p>The rear foglamp is switched on.</p>







Problem	Possible causes/consequences and ► Solutions
 The yellow esp® warning lamp lights up.	<p> Risk of accident</p> <p>esp® is unavailable.</p> <p>If esp® is unavailable, it will not intervene to stabilise the vehicle. There is an increased risk of skidding and accidents.</p> <ul style="list-style-type: none"> ► Adapt your driving style to suit the road and weather conditions. <hr/> <p> Risk of accident</p> <p>esp® has been deactivated due to a malfunction.</p> <ul style="list-style-type: none"> ► Restart the vehicle. <p>If the indicator lamp does not go out:</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Consult a specialist workshop which is qualified for smart electric drive vehicles, e.g. a smart Centre, without delay.
 The yellow esp® warning lamp flashes while the engine is running.	<p>esp® has intervened because there is a risk of the vehicle skidding, understeer or oversteer, 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.
 The red airbag warning lamp lights up when the ignition is switched on and goes out after no more than four seconds.	<p>The system runs a self-diagnosis check.</p>

>> Practical advice.


Problem	Possible causes/consequences and ► Solutions
 The red airbag warning lamp lights up for at least four seconds after the ignition is switched on and then goes out for about one second. The lamp then lights up again and stays lit.	<p> Risk of accident</p> <p>The restraint systems are malfunctioning. The airbags or belt tensioners might either be triggered unintentionally or, in the event of an accident, might not be triggered at all.</p> <ul style="list-style-type: none"> ► The passenger seat must not be occupied, and especially not by children. ► Consult a specialist workshop that is qualified to service smart electric drive vehicles, e.g. a smart Centre.
 The red airbag warning lamp lights up while you are driving.	<p> Risk of accident</p> <p>The restraint systems are malfunctioning. The airbags or belt tensioners might either be triggered unintentionally or, in the event of an accident, might not be triggered at all.</p> <ul style="list-style-type: none"> ► Consult a specialist workshop which is qualified for smart electric drive vehicles, e.g. a smart Centre, without delay.
 The green turn signal indicator lamps flash at twice the normal speed.	<p>A turn signal lamp is faulty.</p> <ul style="list-style-type: none"> ► Replace the bulb (▷ page 152). <p>or</p> <ul style="list-style-type: none"> ► Consult a specialist workshop that is qualified to service smart electric drive vehicles, e.g. a smart Centre.
 The red battery warning lamp lights up when the ignition is switched on.	<p>The indicator lamp goes out when there are no malfunctions in the electronics.</p>
 The red battery warning lamp lights up while driving or does not go out after the engine is started. A warning tone sounds.	<p>The 12-volt battery is not being charged.</p> <ul style="list-style-type: none"> ► Do not drive on. ► Park the vehicle safely as soon as possible. ► When you leave the vehicle, secure it against rolling away by applying the parking brake. ► Call a breakdown service, e.g. smartmove Assistance or a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.

Problem	Possible causes/consequences and ► Solutions
	<p>There may be a fault in the vehicle's 12-volt electrical system.</p> <ul style="list-style-type: none"> ► It is advisable to have your vehicle transported by a vehicle from a qualified specialist workshop. <p>Do not tow the vehicle.</p>
<p> The yellow tyre pressure monitor warning lamp (pressure loss/malfunction) is lit.</p>	<p>The tyre pressure monitor has detected a loss of pressure in at least one of the tyres.</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. ► Secure the vehicle to prevent it from rolling away. ► Check the tyre pressure and, if necessary, correct (▷ page 125). <p>When the tyre pressure on the corresponding tyre has been corrected, the tyre pressure monitor warning lamp (pressure loss/malfunction) will go out after a few minutes of driving.</p>
<p> The yellow tyre pressure monitor warning lamp (pressure loss/malfunction) flashes for approximately one minute and then remains lit.</p>	<p>The tyre pressure monitor is faulty.</p> <p>The system is possibly unable to recognise or register low tyre pressure.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.
<p> The yellow drive diagnostics warning lamp lights up when the ignition is switched on.</p>	<p>The indicator lamp goes out after three seconds if there are no malfunctions in the engine electronics.</p>
<p> The yellow drive diagnostics warning lamp lights up while driving.</p>	<p>There may be a malfunction.</p> <ul style="list-style-type: none"> ► Consult a specialist workshop which is qualified for smart electric drive vehicles, e.g. a smart Centre, without delay.



Problem	Possible causes/consequences and ► Solutions
 The red drive diagnostics warning lamp lights up when the ignition is switched on.	The indicator lamp goes out after three seconds if there are no malfunctions in the engine electronics.
 The red drive diagnostics warning lamp lights up while driving.	There may be a malfunction in the drive system, engine or high-voltage battery. <ul style="list-style-type: none"> ► Do not drive on. ► Park the vehicle safely as soon as possible. ► When you leave the vehicle, secure it against rolling away by applying the parking brake. ► It is advisable to have your vehicle transported by a vehicle from a qualified specialist workshop. Do not tow the vehicle.
 The red seat belt warning lamp lights up after the ignition is switched on, as soon as the driver's door and/or front-passenger door is closed.	 Risk of injury The seat belt on the driver's side and/or the front-passenger side is not fastened. <ul style="list-style-type: none"> ► Fasten your seat belt (▷ page 58). The warning lamp goes out.
 The red seat belt warning lamp lights up after the ignition is switched on, as soon as the passenger door is closed.	You have secured an ISOFIX child seat on the front-passenger side and the seat belt is not fastened. <ul style="list-style-type: none"> ► Remove the child seat from the front-passenger seat. ► Engage belt tongue in buckle on the front-passenger side (▷ page 58). ► Install the child seat on the front-passenger seat. The warning lamp goes out.

Problem	Possible causes/consequences and ► Solutions
 The red seat belt warning lamp lights up while you are driving and a warning tone sounds.	 Risk of injury The seat belt on the driver's side and/or front-passenger side is not fastened and the vehicle is travelling at a speed above 8 km/h. ► Fasten your seat belt (> page 58). The warning lamp goes out and the warning tone ceases.
 The red coolant temperature warning lamp in the instrument panel lights up.	The coolant is too hot. ► Avoid high vehicle speeds. ► Stop the vehicle immediately, paying attention to traffic conditions as you do so, and switch off the engine. ► Check the coolant level and correct it, if necessary (> page 122). ► Make sure that the air supply to the radiator is not obstructed. ► Visit a qualified specialist workshop. Do not tow the vehicle. The drive output may be reduced if you continue driving.
 The yellow high-voltage battery warning lamp lights up when the ignition is switched on.	The indicator lamp goes out after ten seconds if there are no malfunctions in the high-voltage battery.
 The yellow high-voltage battery warning lamp lights up while driving.	There may be a malfunction. ► Immediately contact a specialist workshop that is qualified to work on smart electric drive vehicles. ► Do not tow the vehicle.
 The yellow high-voltage battery warning lamp does not go out after starting the vehicle.	The vehicle's high-voltage electrical system is faulty. ► It is advisable to have your vehicle transported by a vehicle from a qualified specialist workshop. Do not tow the vehicle.


Transmission

Problem	Possible causes/consequences and ► Solutions
The transmission status indicator in the multifunction display shows 0 .	<p>The vehicle is not ready to drive.</p> <ul style="list-style-type: none"> ► Move the gear lever to position P or N. ► Turn the key to position 2 in the ignition lock.
The transmission status indicator in the multifunction display flashes N .	<p>The gear lever is in position P, but the parking lock does not engage.</p> <ul style="list-style-type: none"> ► Move the gear lever back to position R. ► Slowly shift the gear lever back to position P. <p>If the N indicator still continues to flash:</p> <ul style="list-style-type: none"> ► Apply the parking brake before leaving the vehicle.
The transmission status indicator in the multifunction display flashes N . You also hear a warning tone.	<p> Risk of accident</p> <p>The vehicle is stationary on a gradient. You have released the brake pedal, but the vehicle has not started moving. The vehicle could roll backwards.</p> <ul style="list-style-type: none"> ► Start off within one second. <p>or</p> <ul style="list-style-type: none"> ► Depress the brake pedal again.
The transmission status indicator in the multifunction display flashes alternately between D - N - D or R - N - R .	<p>There is a problem with the gear lever position. The transmission remains in the last valid position (D or R) until the vehicle comes to a standstill. Once the vehicle is stationary, the transmission shifts automatically to N.</p> <p>When the vehicle is stationary:</p> <ul style="list-style-type: none"> ► Move the gear lever to the desired position. <p>or</p> <ul style="list-style-type: none"> ► Switch off the ignition and turn it back on.

Key	
Problem	Possible causes/consequences and ► Solutions
You can no longer lock or unlock the vehicle using the key.	<p>The key batteries are discharged or nearly discharged.</p> <ul style="list-style-type: none"> ► Point the tip of the key at the vehicle from close range and try to unlock or lock the vehicle again. <p>If this does not work:</p> <ul style="list-style-type: none"> ► Lock the vehicle manually (▷ page 151) or unlock the left-hand door using the key (▷ page 151). ► Check the key batteries and replace them if necessary (▷ page 152).
	<p>The key is faulty.</p> <ul style="list-style-type: none"> ► Lock the vehicle manually (▷ page 151) or unlock the left-hand door using the key (▷ page 151). ► Have the key checked at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.
You have lost a key.	<ul style="list-style-type: none"> ► Order a replacement key at a qualified specialist workshop, e.g. a smart Centre.

Warning tones	
Problem	Possible causes/consequences and ► Solutions
The anti-theft alarm system* is suddenly triggered.	<p>The alarm was triggered by:</p> <ul style="list-style-type: none"> • the tailgate or a door is opened. • closing the left door with the key (▷ page 151) • the vehicle interior is entered. • there is movement in the vehicle interior. • tipping the vehicle <p>► To stop the alarm: insert the key into the ignition lock.</p> <p>or</p> <ul style="list-style-type: none"> ► Press the  or  button on the key. The alarm is switched off.
You hear a warning tone.	<p>You are driving with the parking brake applied.</p> <ul style="list-style-type: none"> ► Release the parking brake.
You hear a warning tone.	<p>You have opened the driver's door without switching off the vehicle lighting first.</p> <ul style="list-style-type: none"> ► Turn the light switch to 0.

* optional

Problem	Possible causes/consequences and ► Solutions
You hear a warning tone.	<p>You have opened the driver's door with the ignition switched on and a gear engaged.</p> <ul style="list-style-type: none"> ► Shift the gear lever to position P. <p>or</p> <ul style="list-style-type: none"> ► Close the driver's door. <p>or</p> <ul style="list-style-type: none"> ► Switch the ignition off.
You hear a warning tone.	<p> Risk of injury</p> <p>Vehicles with a belt warning for the front passenger: the seat belt on the driver's side and/or the front-passenger side is not fastened and the vehicle is travelling at a speed above 8 km/h.</p> <p>Vehicles without a belt warning for the front passenger: the seat belt on the driver's side is not fastened and the vehicle is travelling at a speed above 8 km/h.</p> <ul style="list-style-type: none"> ► Fasten your seat belt (▷ page 58). The warning tone ceases.
There is constant noise from the front axle when braking.	<p>The mechanical-acoustic brake pad wear indicator signals that the brake pads are worn.</p> <ul style="list-style-type: none"> ► Visit a qualified specialist workshop.

Coolant

Problem	Possible causes/consequences and ► Solutions
Coolant is leaking from the vehicle.	<ul style="list-style-type: none"> ► Top up the coolant (▷ page 122). ► Have a qualified specialist workshop determine the cause of the loss of coolant.


Recovery

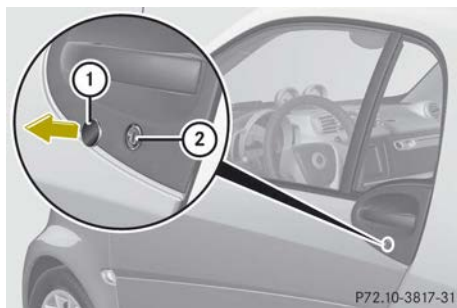
Problem	Possible causes/consequences and ► Solutions
The multifunction display has become inoperative after a breakdown or accident.	<p>You are not able to determine if there is a system fault.</p> <ul style="list-style-type: none"> ► It is advisable to have your vehicle transported by a vehicle from a qualified specialist workshop. <p>Do not tow the vehicle.</p>

Locking/unlocking in an emergency

Unlocking the vehicle

You can centrally unlock the vehicle by unlocking the left-hand door with the key. The lock cylinder is covered by a protective cap.

- ▶ Press the  button on the key.
The anti-theft alarm system* is deactivated.



- ▶ Remove protective cap ① from lock cylinder ②.
- ▶ Unlock the vehicle manually using the key.
- i** Only in certain countries: you can centrally lock the vehicle by manually locking the left-hand door with the key.

Locking the vehicle


When the vehicle can no longer be locked with the key and you have no replacement remote control batteries at hand, do the following:

- ▶ Open the driver's door.
- ▶ Make sure that the key is in position 1 in the ignition lock.
- ▶ Press and hold the central locking button (> page 49) until the indicator lamp flashes rapidly.

- ▶ Turn the key to position 0 in the ignition lock.
- ▶ Take the key out of the vehicle and close the doors.
The vehicle is locked.

Closing the rear soft top

If the rear soft top does not lock correctly when closing, observe the following:

- ▶ Stop the vehicle.
- ▶ Make sure that the key is in position 1 in the ignition lock.
- ▶ Completely raise the rear soft top (> page 69).
The rear soft top stops without locking.
- ▶ Press and hold the  button on the soft-top switch for approximately 15 seconds twice within a period of one minute.
The rear soft top closes the locking catches.
- ▶ Completely close the folding roof.
- ▶ Consult a specialist workshop that is qualified to service smart electric drive vehicles, e.g. a smart Centre.

Replacing the key battery

Notes

If the turn signals flash rapidly nine times in succession when you lock the vehicle, the remote control batteries are almost discharged. Replace the remote control battery at an appropriate time. Otherwise, the remote control can be used approximately a further 100 times, after which you will no longer be able to lock/unlock the vehicle.

>> Practical advice.

* optional

- ▶ Replace the batteries.

or

- ▶ Have the remote control batteries replaced at a qualified specialist workshop, e.g. a smart Centre.


WARNING

Batteries contain poisonous substances. Swallowing/ingesting batteries can result in serious personal injury or death.

Always keep batteries away from children. If a battery is swallowed, seek immediate medical attention.

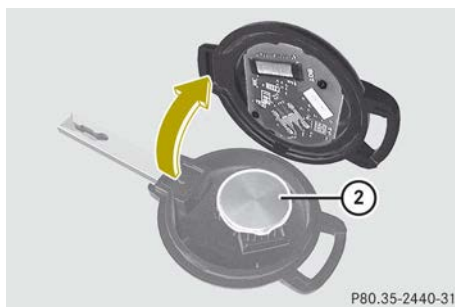
Replacing the key battery

You require one CR 2016 cell battery.


-  Replace the key battery in the remote control after two years at the latest. Otherwise, there is a danger of battery leakage. This could destroy the remote control.



- ▶ Lift off upper section of key housing (1) with a coin.



- ▶ Remove old battery (2).
- ▶ Insert the new battery with the positive pole facing downwards (mark on lower key housing). Use a lint-free cloth to do so.

 Observe the correct polarity when inserting new key batteries. Otherwise, components of the electrical system could be destroyed.

- ▶ Press both halves of the key housing back together.
- ▶ Check the function of all buttons on the vehicle.

Replacing bulbs

Notes

Pay attention to the "Important safety notes" (▷ page 15).

LED lamps

You cannot replace LED bulbs.

- Have the LEDs in the ambient lighting replaced at a qualified specialist workshop.
- Have the LEDs in the LED daytime driving lights*/daytime driving lights* above the main headlamps replaced 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.

* optional

Other bulbs

⚠ WARNING

Bulbs, lamps and plug connectors can become very hot during use. When replacing a bulb, you could burn yourself on these components. There is a risk of injury. Allow these components to cool down before replacing the bulb.

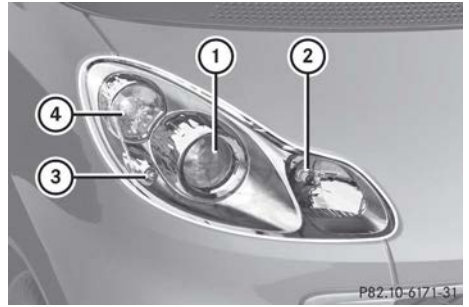
There are bulbs other than the LED bulbs that you cannot replace. Replace only the bulbs listed (▷ page 153).

- To prevent a short-circuit, switch off the lighting system and the ignition before changing a bulb.
- Wear gloves and eye protection when removing the defective bulb.
- Always replace defective bulbs with the specified new bulbs of the correct wattage.
- Only hold bulbs with a clean, lint-free cloth or a similar item. Do not work with oily or greasy fingers.
- Check that all seals are positioned correctly, and replace damaged seals.
- If the new bulb does not light up, consult a qualified specialist workshop.
- Have the following bulbs replaced at a qualified specialist workshop:
 - the front foglamp bulbs
 - the side turn signal lamp bulbs

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.

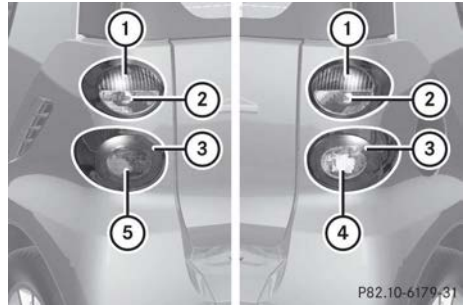
Overview

You can replace the following bulbs. The details for the bulb type can be found in the legend.



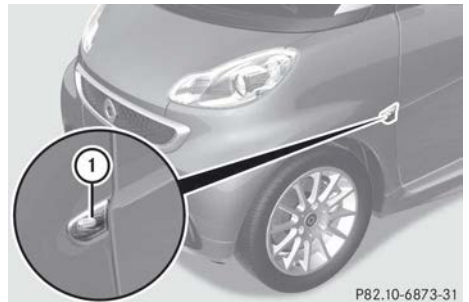
Front bulbs

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



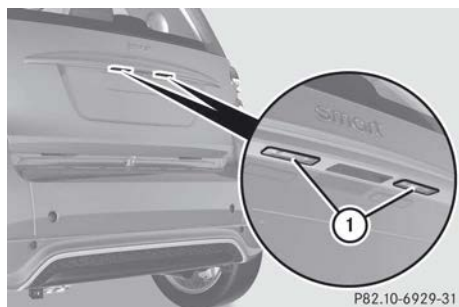
Rear bulbs

- ① Brake lamp/tail lamp: 12 V 21/5 W
- ② Turn signal lamp: PY 21 W
- ③ Reflector
- ④ Reversing lamp: 12 V 21 W
- ⑤ Rear foglamp: 12 V 21 W



- ① Side turn signal lamps: WY 5 W

» Practical advice.



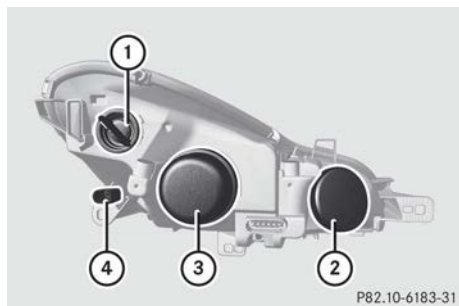
① Licence plate lamp: C 5 W



① Third brake lamp: W 16 W

Replacing the front bulbs

- ▶ Switch off the lights.
- ▶ Switch off the ignition.



Left-hand headlamp, right-hand side is a mirror image

Side lamps

- ▶ **To remove:**

Left-hand side: screw bulb holder ④ outwards.

Right-hand side: screw bulb holder ④ inwards.

- ▶ Pull out bulb holder ④.
- ▶ Remove the bulb from the bulb holder.
- ▶ **To fit:** insert the new bulb.
- ▶ Insert bulb holder ④ into the housing.
- ▶ Left-hand side: screw bulb holder ④ inwards.
- ▶ Right-hand side: screw bulb holder ④ outwards.

Dipped-beam headlamps

- ▶ **To remove:** remove cover ③.
- ▶ Pull out the plug.
- ▶ Push the insert downwards at an angle and unhook it.
- ▶ Take out the bulb.
- ▶ **To fit:** insert the new bulb.
- ▶ Fold the insert up and press firmly.
- ▶ Insert the connector.
- ▶ Attach cover ③.

Main-beam headlamps

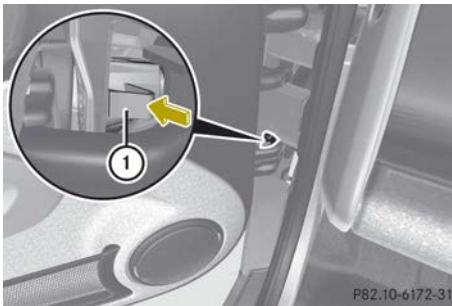
- ▶ **To remove:** remove cover ②.
- ▶ Tilt the bulb holder downwards and pull it out.
- ▶ Remove the bulb from the bulb holder.
- ▶ **To fit:** insert the new bulb into the bulb holder.
- ▶ Insert the bulb so that the base plate latch faces upwards.
- ▶ Press the bulb into the bulb holder until it engages completely.
- ▶ Attach cover ②.

Turn signals

- ▶ **To remove:** turn bulb holder ① one quarter turn anti-clockwise and pull it out.
- ▶ Applying slight pressure, unscrew the bulb anti-clockwise.
- ▶ Remove the bulb from the bulb holder.
- ▶ **To fit:** place the new bulb in the bulb holder and screw it in clockwise.
- ▶ Align the arrow marking on bulb holder ① with the line on the cover.
- ▶ Turn bulb holder ① a quarter turn clockwise.

Side turn signal lamps

- i** Always have the bulbs for the side turn signal lamps replaced at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.
- ▶ **To remove:** open the door slightly on the corresponding side.



- ▶ Press latch ① in the direction of the arrow until the side turn signal lamp housing is released.
- ▶ Close the door.
- ▶ Detach the turn signal lamp from the outside of the vehicle with a suitable tool.
- ▶ Remove the bulb from the bulb holder.

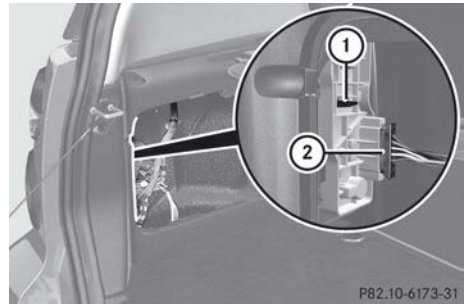
- ▶ **To fit:** place the new bulb in the bulb holder and screw it in clockwise.
- ▶ Place the housing of the side turn signal lamp into the wing and press firmly. The housing engages.

Replacing the rear bulbs

- ▶ Switch off the lights.
- ▶ Switch the ignition off.

Tail lamps

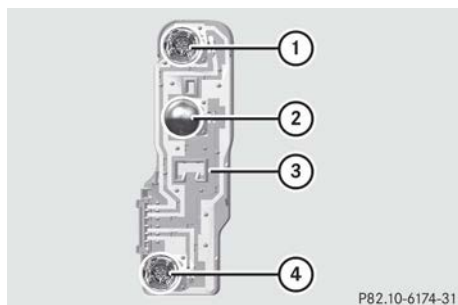
- ▶ **To remove:** open the lower tailgate.
- ▶ Fold the rear soft top¹⁹/upper tailgate up.
- ▶ Remove the lateral cover from the corresponding side of the boot.
- ▶ Fold the insulation forwards if necessary.



Example: left side

- ① Retaining lug
- ② Plug
- ▶ Press retaining lug ① in the centre of the bulb holder upwards.
- ▶ Pull the bulb holder out of the compartment.

¹⁹ fortwo cabrio only.

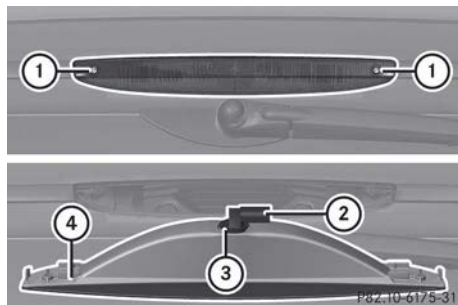


P82.10-6174-31

Left-hand side bulb holder, right-hand side is a mirror image

- ① Brake lamp/tail lamp
 - ② Turn signals
 - ③ Retaining lugs
 - ④ Reversing light/rear foglamp
- ▶ Applying slight pressure, unscrew the bulb anti-clockwise.
 - ▶ Remove the bulb from the bulb holder.
 - ▶ **To fit:** place the new bulb in the bulb holder and screw it in clockwise.
 - ▶ Slide the bulb holder into the openings for the lamp and snap the retaining lugs into place.
 - ▶ Replace the cover in the boot.

Third brake lamp



P82.10-6175-31

- ▶ **To remove:** remove screws ① using a screwdriver.
- ▶ Take out additional brake light ④.
- ▶ Pull out plug ② from bulb base ③.
- ▶ Turn the bulb anti-clockwise and remove it from its holder.

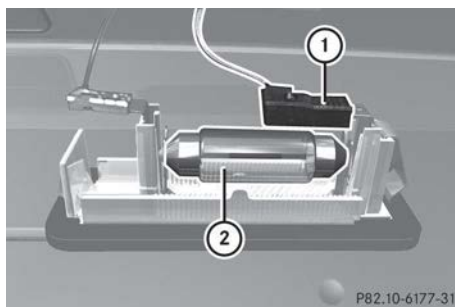
To fit, follow the same sequence in reverse.

Licence plate lighting



P82.10-6930-31

- ▶ **To remove:** apply a suitable object to the left of levering points ① on the lamp cluster.
- ▶ Unclip the licence plate lamp cluster.

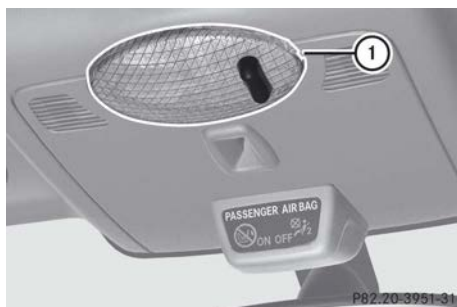


P82.10-6177-31

- ▶ Pull out connector ①.
- ▶ Remove bulb ②.
- ▶ Insert the new bulb.
- ▶ **To fit:** attach connector ①.
- ▶ Attach the lamp cluster on the right and press in firmly on the left. The cluster must snap into place audibly.

Replacing the interior lighting

You will need a 12 V10 W bulb type.



- ▶ **To remove:** lever out the cover from the passenger side using a flat object (1).
- ▶ Pull the plug from the cover.
- ▶ Remove the bulb from the bulb holder.
- ▶ Insert the new bulb.
- ▶ **To fit:** push the plug into the cover.
- ▶ Position the cover to the left of the opening in the overhead control panel and engage in place audibly on the right-hand side.

Replacing the wiper blades

Notes

⚠ WARNING

Remove the key from the ignition lock before replacing the wiper blades. The windscreen wipers could otherwise be set in motion and injure you.

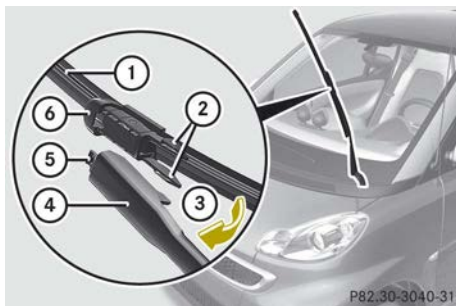
For clear vision

- only use wiper blades that are in good condition
- clean the wiper blades regularly with a cleaning product
- remove heavy soiling with a sponge or brush

Windscreen wiper blades

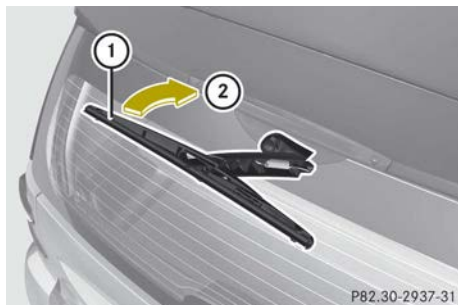


- ▶ Remove the key from the ignition lock.
- ▶ Fold wiper arm (4) away from the windscreen until it engages.
- ▶ **To remove:** press and hold both release clips (2).
- ▶ Fold wiper blade (1) in the direction of arrow (3).
- ▶ Remove wiper blade in the direction of arrow (5).



- ▶ **To fit:** position 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.

Rear window wiper blade

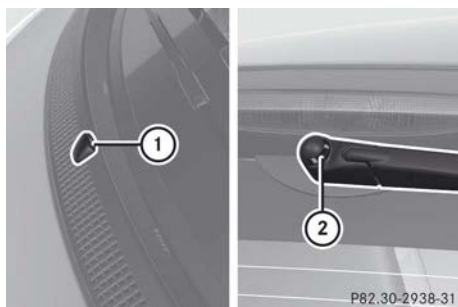


P82.30-2937-31

>> Practical advice.

- ▶ Remove the key from the ignition lock.
- ▶ **To remove:** fold the wiper arm away from the window until it engages.
- ▶ Turn wiper ① in the direction of arrow ② until it is released from the mounting.
- ▶ Remove wiper ①.
- ▶ **To fit:** push wiper ① onto the wiper arm until it engages.
- ▶ Turn the wiper blade parallel to the wiper arm.
- ▶ Fold the wiper arm back onto the rear window.

Adjusting the spraying nozzles



P82.30-2938-31

- ▶ **To adjust:** use a needle to move spraying nozzles ① or ② up, down, to the right or to the left.
- ❗ Check the spraying nozzles' setting regularly.

The spraying nozzles are correctly positioned if the stream of water hits the centre of the windscreen or rear window.

Flat tyres

Notes

Your vehicle can be equipped with either a breakdown kit or a TIREFIT kit* (▷ page 136).

Preparing the vehicle

- ▶ Stop your vehicle as far away from traffic as possible on solid, non-slippery, level ground.
- ▶ Switch on the hazard warning lamps.
- ▶ Apply the parking brake.
- ▶ Move the gearshift lever to **P**.
- ▶ Switch off the ignition.
- ▶ Get any occupants out of the vehicle. Make sure that they are not endangered as they do so.
- ▶ Place the warning triangle* at a suitable distance. Observe legal requirements.

Using the breakdown kit*

With the breakdown kit you can seal punctures of up to 4 mm in diameter in the tyre tread. Only use tyre sealant at outside temperatures down to -20 °C.

⚠ WARNING

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.
- Immediately change out of clothing which has come into contact with tyre sealant.
- If an allergic reaction occurs, consult a doctor immediately.

* optional

⚠ WARNING

Keep tyre sealant away from children.

- If tyre sealant is swallowed, immediately rinse your mouth out thoroughly and drink plenty of water.
- Do not induce vomiting. Consult a doctor immediately.

⚠ WARNING

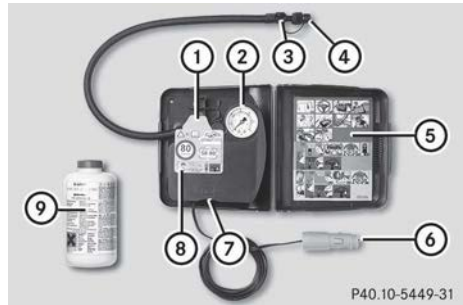
In the following situations, your safety is at particular risk and tyre sealant is unable to provide breakdown assistance:

- 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.

Contact a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. 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 breakdown kit out from the passenger footwell (▷ page 136) and open it.



P40.10-5449-31

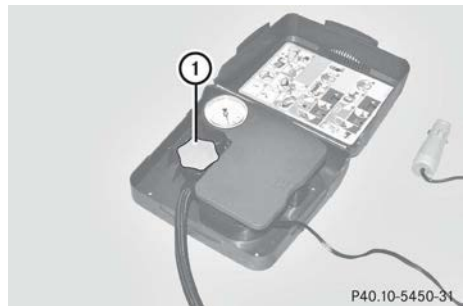
Breakdown kit

- ▶ Affix sticker (8) within the driver's field of vision.

⚠ WARNING

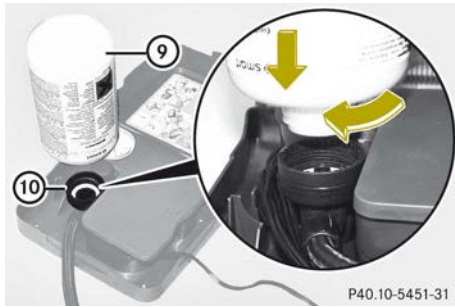
Comply with the manufacturer's safety instructions on the sticker on the air pump.

- ❗ You will also find operating instructions (5) in the lid of the breakdown kit.
- ▶ Pull connector (6) and filler hose (4) out of the housing.

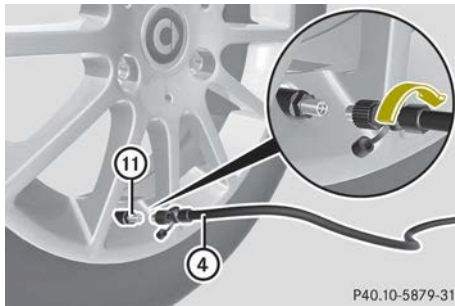


P40.10-5450-31

- ▶ Unscrew flanged cap (1).
- ▶ Unscrew the cap from tyre sealant bottle (9). Make sure that the aluminium film is not damaged when doing so.



- ▶ Screw tyre sealant bottle (9) onto flange (10). This pierces the aluminium film.
- ▶ Remove the cap from the valve on the faulty tyre.
- ▶ Make sure that pressure release screw (3) is closed.
- ▶ Remove the plug from filler hose (4).



- ▶ Screw the end of filler hose (4) onto tyre valve (11).
- ▶ Insert connector (6) into the 12 V socket (▷ page 117).
- ▶ Make sure that the key is in position 1 in the ignition lock.
- i** The 12-volt battery discharges when the tyre inflation compressor is used. For this reason, you should start the engine unless you are inflating the tyre in an enclosed space.



- ▶ Press switch (7) on the tyre inflation compressor to position **I**. The tyre inflation compressor is switched on. The tyre is inflated.
- i** First, tyre sealant is pumped into the tyre. The pressure can briefly rise to approximately 500 kPa (5 bar).
Do not switch off the tyre inflation compressor during this phase.
- ▶ Allow the tyre inflation compressor to run for a maximum of ten minutes or until a tyre pressure of at least 180 kPa (1.8 bar) (maximum 250 kPa (2.5 bar)) has been achieved.
- !** Do not operate the air pump for longer than ten minutes. Otherwise, there is a danger of overheating.
- ▶ If a pressure of 180 kPa (1.8 bar) cannot be achieved, press switch (7) on the tyre inflation compressor back to the **0** position. The tyre inflation compressor is switched off.
- ▶ Remove filler hose (4) from tyre valve (11).
- ▶ Drive the vehicle carefully forwards or backwards ten metres in order to distribute the tyre sealant in the tyre.
- ▶ Screw the end of filler hose (4) onto tyre valve (11) again.
- ▶ Pump up the tyre again.

⚠ WARNING

If a pressure of 180 kPa (1.8 bar) still cannot be attained after a further ten minutes, the tyre is too badly damaged.

Do not drive any further.

Contact a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- ▶ When a pressure of 180 kPa (1.8 bar) is achieved, press switch ⑦ on the tyre inflation compressor to the 0 position. The tyre inflation compressor is switched off.
- ▶ Remove filler hose ④ from tyre valve ⑪ and refit the plug. Leave tyre sealant bottle ⑨ attached to flange ⑩.
- ▶ Stow the breakdown kit safely in the vehicle.
- ▶ Immediately continue your journey so that the tyre sealant is evenly distributed in the tyre and the damaged section of the tyre can be sealed properly.

⚠ WARNING

Do not exceed the maximum speed of 80 km/h. The "max. 80 km/h" sticker must be affixed within the driver's field of vision. The vehicle's handling characteristics may be affected.

- ▶ After driving for approximately three kilometres or ten minutes, reconnect filler hose ④.
- ▶ Check the tyre pressure with pressure gauge ② on the tyre inflation compressor.

⚠ WARNING

If the tyre pressure is now less than 130 kPa (1.3 bar / 20 psi), the tyre is too severely damaged.

Do not drive any further.

Contact a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- ❗ If the tyre pressure has dropped below 130 kPa (1.3 bar), do not drive on.
- ❗ If the tyre pressure is above 130 kPa (1.3 bar), use the tyre inflation compressor to inflate the tyre to the pressure specified on the inside of the fuel filler flap. Carefully drive to the nearest specialist workshop qualified to work on smart electric drive vehicles, e.g. a smart Centre. Check the tyre pressure at regular intervals.
- ❗ The manufacturer does not guarantee that all tyre damage can be repaired using the breakdown kit, particularly in the case of cuts and punctures with a diameter of more than four millimetres or on the sidewall. The manufacturer is not responsible for damage caused by inappropriate use of the breakdown kit.
- ▶ Have the breakdown kit replaced as soon as possible at a qualified specialist workshop, e.g. at a smart Centre.

🌀 Environmental note

Have the used breakdown kit disposed of professionally, e.g. at a smart Centre.

- ▶ Have the breakdown kit replaced every four years at a qualified specialist workshop, e.g. at a smart Centre.

Using the TIREFIT kit*

Using the TIREFIT kit you can seal punctures of up to 4 mm in diameter in the tyre tread. You can use TIREFIT at outside temperatures down to -20 °C.

⚠ WARNING

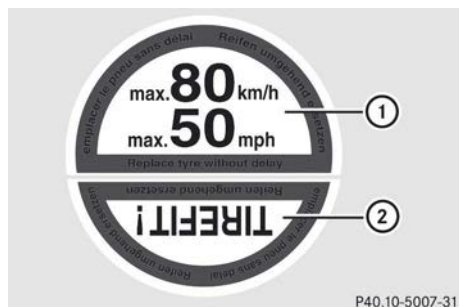
In the following situations, your safety is at particular risk and tyre sealant is unable to provide breakdown assistance:

- 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.

Contact a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. 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 TIREFIT kit from the passenger footwell (> page 136) and open it.



- ▶ 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.

⚠ WARNING

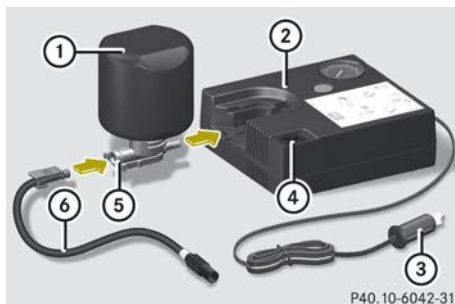
TIREFIT must not come into contact with your skin, eyes or clothing.

- 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.

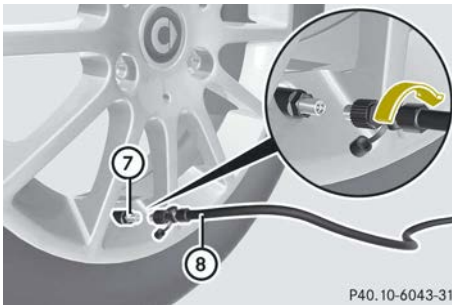
Keep TIREFIT away from children.

- 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.



- ▶ Remove filler hose ⑥ and plug ③ from the bottom section of the tyre inflation compressor housing.
- ▶ Slide the yellow filler hose connector into the mounting on yellow cap ⑤ of tyre sealant bottle ① until the plug engages.
- ▶ With the sealing rings in front, slide yellow cap ⑤ of tyre sealant bottle ① into the mounting of tyre inflation compressor ② until the cap and both hooks engage.



- ▶ Remove the cap from valve ⑦ on the faulty tyre.
- ▶ Screw filler hose ⑧ onto valve.
- ▶ Insert plug ③ into the cigarette lighter socket (▷ page 117) or into a 12 V socket in your vehicle (▷ page 117).
- ▶ Turn the key to position 1 (▷ page 52) in the ignition lock.
- ▶ Press on/off switch ④ on the tyre inflation compressor to **ON**.
The tyre inflation compressor is switched on. The tyre is inflated.
- ▶ **i** First, tyre sealant 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.
- ▶ Let the tyre inflation compressor run for a maximum of ten minutes. The tyre should then have attained a pressure of at least 200 kPa (2.0 bar / 29 psi).

! The tyre inflation compressor should only be used uninterruptedly for a maximum of ten minutes. It may otherwise overheat.

The tyre inflation compressor can be operated again once it has cooled down.

If a pressure of 200 kPa (2.0 bar / 29 psi) has been achieved after ten minutes, see (▷ page 164).

If a pressure of 200 kPa (2.0 bar / 29 psi) has not been achieved after ten minutes, see (▷ page 163).

Tyre pressure of 200 kPa (2.0 bar / 29 psi) not reached

If a pressure of 200 kPa (2.0 bar / 29 psi) has not been reached after a maximum of ten minutes:

- ▶ Switch off the tyre inflation compressor.
- ▶ Unscrew the filler hose from the valve of the faulty tyre.
- ▶ Very slowly drive forwards or reverse approximately 10 m.
- ▶ Pump up the tyre again.

⚠ WARNING

If a pressure of 200 kPa (2.0 bar / 29 psi) still cannot be reached after a further ten minutes, the tyre is too severely damaged. Do not drive any further.

Contact a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Tyre pressure of at least 200 kPa (2.0 bar / 29 psi) reached

- ▶ Switch off the tyre inflation compressor.
- ▶ Unscrew the filler hose from the valve of the faulty tyre.

! 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.**

⚠ WARNING

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.

⚠ WARNING

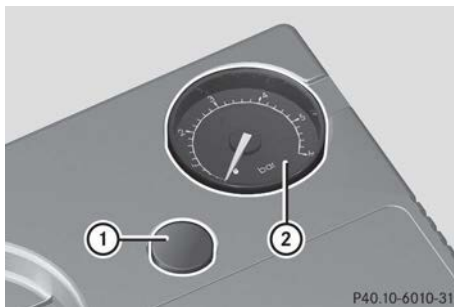
If the tyre pressure is now less than 130 kPa (1.3 bar / 20 psi), the tyre is too severely damaged.

Do not drive any further.

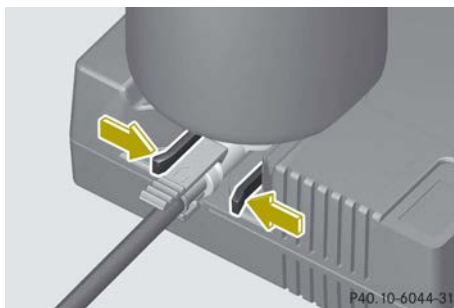
Contact a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. In particular, work relevant to safety or on safety-related systems 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.



- ▶ **To reduce the tyre pressure:** depress pressure release button ① next to pressure gauge ②.



- ▶ To remove the tyre sealant bottle from the tyre inflation compressor, press together the locking tabs on the yellow cap.
- ▶ Pull the tyre sealant bottle out of the tyre inflation compressor. The filler hose stays on the tyre sealant bottle.
- ▶ 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 and the filler hose replaced as soon as possible at a qualified specialist workshop, e.g. at a smart Centre.

**Environmental note**

Have the used tyre sealant bottle disposed of professionally, e.g. at a smart Centre.

- ▶ Have the tyre sealant bottle replaced every four years at a qualified specialist workshop, e.g. at a smart Centre.

Changing a wheel

Further information on tyres can be obtained at a qualified specialist workshop, e.g. a smart Centre.

WARNING

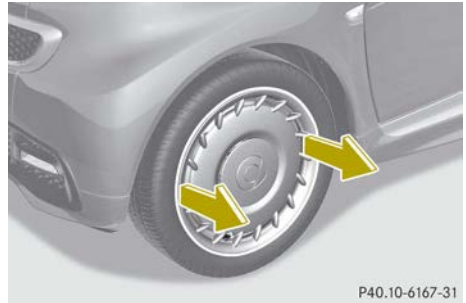
After a wheel change, have the tightening torque checked at a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

The wheels could work loose if the wheel bolts are not tightened to a torque of **110 Nm**. For reasons of safety smart recommends that only compatible wheel bolts approved by smart or wheel bolts that are equally as safe are fitted. Further information can be obtained at any qualified specialist workshop, e.g. a smart Centre.

Preparing the vehicle

- ▶ Make sure that you have a suitable jack²⁰ and wheel bolt wrench²⁰. For further information enquire at any smart Centre.
- ▶ Stop your vehicle as far away from traffic as possible on solid, non-slippery, level ground.

- ▶ Bring the wheels into the straight-ahead position.
- ▶ Apply the parking brake.
- ▶ Secure the vehicle to prevent it from rolling away. Place chocks or similar items in front of and behind the wheel diagonally opposite to the wheel to be replaced.
- ▶ Move the gearshift lever to **P**.
- ▶ Switch off the engine.
- ▶ Remove the key from the ignition lock.



P40.10-6167-31

Wheel with hub cap*

- ▶ **Vehicles with steel wheels and hub caps***: lever the hub caps* off the wheel with a suitable object.
- ▶ Loosen the wheel bolts anti-clockwise by approximately one turn using the wheel nut wrench. Do not unscrew the bolts completely.



P40.10-6168-31

Wheels with hub caps

>> Practical advice.

²⁰ Not supplied with the vehicle.

* optional

- ▶ **Vehicles with steel wheels and hub caps:**
remove the hub cap.

Raising the vehicle and removing the wheel

WARNING

The jack is designed only to raise the vehicle for a short time while a wheel is being changed.

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 fall off the jack and injure you or others.

Do not switch on the ignition at any time while the wheel is being changed.

Do not lie under the vehicle when it is being supported by the jack.

WARNING

If you fail to position the jack correctly, the vehicle may:

- slip off the jack
- injure you or others
- be damaged

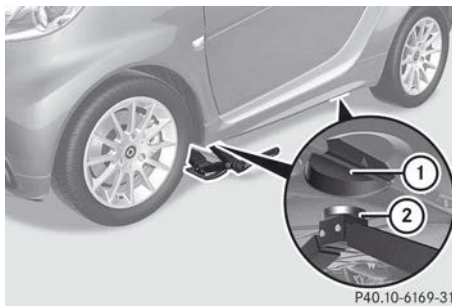
It is thus important to ensure that the jack is positioned correctly in the respective jacking points. Before positioning the jack, remove any dirt that may have collected in the jacking points.

- ❗ Position a suitable jack correctly on the intended jacking points. If you fail to position the jack correctly, the vehicle may be damaged.

The jacking points for the jack are recesses in the lower door sill. They can only be seen from underneath. There is one located behind each of the front wheel arches and in front of the rear wheel arches.

Position the jack in the jacking points so that when viewed from the side, the jack is in the vertical position.

- ▶ Prepare the vehicle as described (▷ page 165).



- ▶ Position jack ② in one of jacking points ①.
- ▶ Raise the vehicle with jack ② until the tyre is at most three centimetres off the ground.
- ▶ 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

WARNING

Always replace wheel bolts that are damaged or rusted. Never oil or grease wheel bolts.

If a wheel hub thread is damaged, you must not drive the vehicle any further. Contact a specialist workshop qualified to work on smart electric drive vehicles. This qualified specialist workshop has the necessary specialist skills and tools to perform the required work. smart recommends that you use a smart Centre. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

Only use wheel bolts that have been designed for the wheel and the vehicle. Other bolts could work loose.

⚠ WARNING

Only use wheel bolts that have been designed for the wheel and the vehicle. Other bolts could work loose.

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.

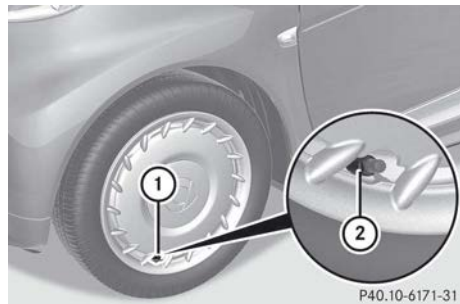


- ▶ Place the wheel on the wheel hub and push it on.
- ▶ Tighten two wheel bolts until they are finger-tight.
- ▶ **Vehicles with steel wheels and hub caps:** fit the hub cap so that it is held in place by the wheel bolts.
- ▶ Tighten the last wheel bolt until it is finger-tight.
- ▶ **All other vehicles:** screw in the last wheel bolt and tighten it slightly.
- ▶ Lower the vehicle until it is once again standing firmly on the ground.
- ▶ Remove the jack.
- ▶ Tighten the wheel bolts with the wheel bolt wrench (tightening torque: **110 Nm**).

⚠ WARNING

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 **110 Nm**.



Wheel with hub cap*

- ▶ **Vehicles with steel wheels and hub caps*:** fit hub cap* ① so that tyre valve ② is not trapped.
- ▶ Press the hub cap* ① evenly onto the wheel with both hands.
- ▶ Check to make sure the hub cap* ① is seated safely on the wheel.

Battery (vehicle)

Notes on the vehicle's electrical system

The vehicle's electrical system provides power for the electric drive and all electrical consumers or components of the vehicle.

Power is supplied to the vehicle via two batteries:

- 12-volt battery
- high-voltage battery

Important safety notes (high-voltage battery)

Always have work on the high-voltage battery carried out at a qualified specialist workshop.

* optional

Observe the notes on the vehicle's high-voltage electrical system (▷ page 15) and on the 12 V battery (▷ page 168).

WARNING

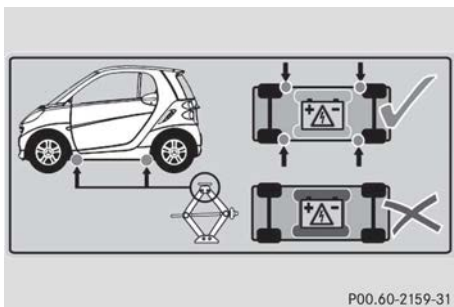
The electrolyte of the high-voltage battery is poisonous and corrosive. Avoid contact with the skin, eyes or clothing, e.g. in the event of an accident.

Immediately rinse electrolyte splashes off completely with plenty of clean water. Consult a doctor as soon as possible.

! Position a suitable jack only on the jacking points intended for this purpose.

Never position the jack on the high-voltage battery. Do not jack up the vehicle on the high-voltage battery. There is otherwise a risk of damaging the high-voltage battery.

Also observe the notes in the "Changing a wheel" section.



P00.60-2159-31

Warning stickers

Important safety notes (12 volt battery)

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.

When replacing a battery, only use a battery recommended by smart. More details can be

obtained from any qualified specialist workshop, e.g. a smart Centre.

WARNING

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.

! Do not operate the vehicle without the battery as this can result in damage to electrical equipment.

WARNING

Do not place any metal objects on a battery. Otherwise, you could cause a short circuit and the battery's highly flammable gas mixture could ignite.

WARNING

Contact of the positive terminal of the connected battery with vehicle components can result in a short circuit which can ignite the highly explosive gas mixture generated by the battery. You and others could thus be severely injured.

- When disconnecting the battery, always disconnect the negative terminal first and only then disconnect the positive terminal.
- When connecting the battery, always connect the positive terminal first and only then connect the negative terminal.
- Never loosen or disconnect battery terminals while the engine is running.

Environmental note

Do not dispose of batteries with the household rubbish. Dispose of defective batteries in an environmentally responsible manner.

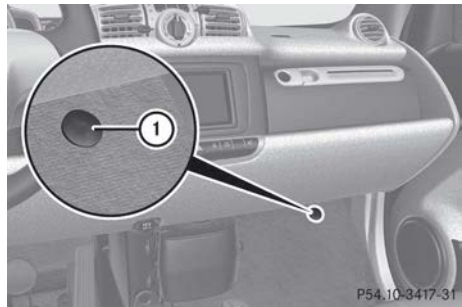
Take them to a smart Centre or a special collection point for old batteries.

Make sure that:

- you observe the battery terminal clamp polarity. The battery could otherwise be destroyed.
- you never allow wrenches or other metal objects to come into contact with both battery terminals or the positive terminal and the vehicle body simultaneously. This could otherwise result in a short circuit.

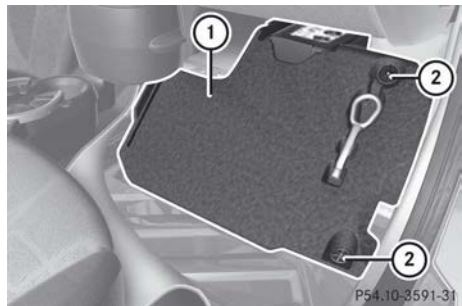
Fitting and removing the 12 volt battery

Removing the carpet

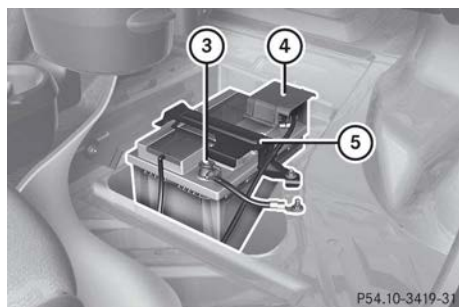


- ▶ Switch the ignition off.
- ▶ Switch off all electrical consumers.
- ▶ Open the front-passenger door.
- ▶ Slide the passenger seat back.
- ▶ Unscrew carpet holder ① using a suitable tool.
- ▶ Fold back the carpet.

Removing the battery



- ▶ Unscrew two fastening discs ② on the footrest anti-clockwise.
- ▶ Pull footrest ① to the side and out of the vehicle.



- ▶ Remove positive terminal cover (4).
- ▶ Unscrew negative terminal (3), then unscrew positive terminal.
- ▶ Unscrew battery holder (5).
- ▶ Disconnect the breather hose.
- ▶ Remove the battery.

Charging the battery

WARNING

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 on battery chargers which allow the battery to be charged while still installed from a qualified specialist workshop.

WARNING

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.

WARNING

Battery acid is caustic. Avoid contact with the skin, eyes or clothing.

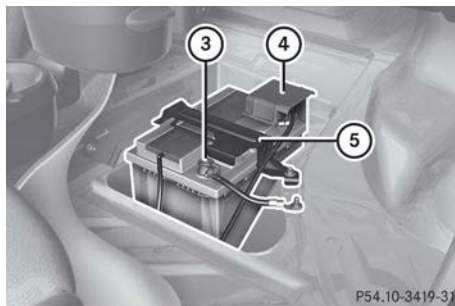
- ❗ Only charge the fitted battery with a battery charger which has been tested and approved by smart. These battery

chargers allow the battery to be charged while still fitted in the vehicle.

- ❗ Only use battery chargers with a maximum charging voltage of 14.8 V. Observe the notes in the operating instructions for your battery charger.
- ❗ Never charge a frozen battery. Have the battery checked at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre. The housing could be damaged.

Fitting the battery

- ▶ If applicable, switch off all electrical consumers first.
- ▶ Place the battery in the intended space.
- ▶ Connect the breather hose.



- ▶ Screw on battery holder (5).
- ▶ First screw on positive terminal, then screw on negative terminal (3).
- ▶ Fit positive terminal cover (4).
- ▶ Fit the footrest.

Tips for battery care

- In normal operating conditions, the battery of your vehicle does not require maintenance (DIN 43539/T2). However, have the battery charge and the electrolyte level checked at a qualified spe-

cialist workshop that is qualified for smart electric drive vehicles.

- Only replace the battery with a battery that has a central gas-venting cover. This prevents corrosion damage.
- If you leave your vehicle parked up for longer periods, disconnect the battery and charge it approximately every six months.
- If your vehicle has been parked up for a longer period of time without the battery being disconnected (three to four weeks), recharge the battery.
- If you plan to leave your vehicle parked up for longer than six weeks, contact a specialist workshop that is qualified for smart electric drive vehicles.

Jump-starting

Notes

The drive system cannot be started if the 12 V battery is discharged. This is not dependant on whether the high-voltage battery is charged or not. The vehicle cannot be jump-started if the high-voltage battery is discharged. The battery must be charged first.

The drive system can be started using another vehicle.

Start your vehicle's engine using the jump leads and the battery of the donor vehicle.

Observe the following instructions when doing so:

WARNING

There is a risk of acid burns when jump-starting a vehicle or charging the battery due to the gases which escape from the battery. Therefore, do not lean over the battery.

WARNING

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 and take protective measures when handling batteries.

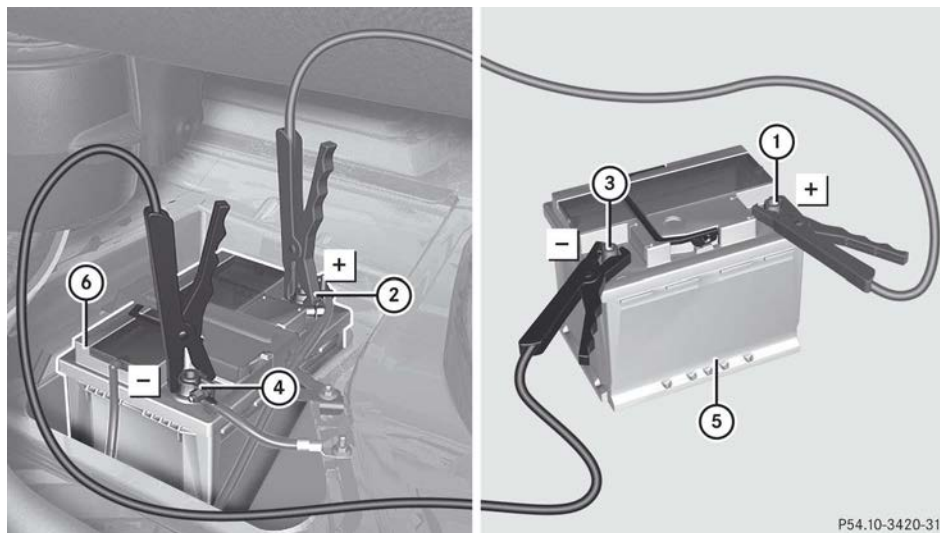
- ❗ Avoid repeated and lengthy starting attempts.

Never start the vehicle using a rapid battery charger.

- Only use batteries with an equal nominal voltage (12 volts).
- Make sure that the battery of the donor vehicle does not have a significantly lower capacity than the discharged battery.
- Use jump leads with a sufficient cross-section and insulated terminal clamps from a qualified specialist workshop, e.g. a smart Centre.
- Make sure that the two vehicles do not touch.
- Route the jump leads so that they cannot be caught by rotating components in the engine compartment.
- Do **not** disconnect the discharged battery from the vehicle's electrical system.

Jump-starting

The 12 V battery is located in the passenger footwell.



>> Practical advice.

- ▶ Switch off the engine of both vehicles.
- ▶ Move the gear lever to **P**.
- ▶ Switch off all electrical consumers.
- ▶ Remove the battery cover.
- ▶ Connect positive terminal ② on your vehicle to positive terminal ① of the donor vehicle using the red jump lead and beginning with your own battery ⑥.
- ▶ Connect negative terminal ③ of the donor vehicle to negative terminal ④ of your vehicle using the black jump lead and beginning with donor vehicle's battery ⑤.
- ▶ Start the engine of the donor vehicle and run it at idling speed.
- ▶ Switch on the ignition in your vehicle.
- ▶ If the traction drive cannot be activated immediately, wait for 60 seconds between starting attempts.

If the drive system does not start, call a breakdown service, e.g. smartmove Assistance or a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.

- ❗ It takes some time before the 12 V battery is charged. It may not be possible to start the vehicle again if you switch the drive system off after driving for a short time. Therefore, charge the 12 V battery fully as soon as possible.

Disconnecting the jump leads

- ▶ Do not switch on electrical consumers such as fans or the rear window heating until the ignition is switched on.
Do not switch on the lighting system. This reduces the risk of creating sparks when the jump leads are disconnected.
- ▶ Leave the drive system for two to three minutes after it has been switched on.
- ▶ Remove the jump leads from negative terminals ③ and ④ of both batteries, beginning with your own battery.
- ▶ Remove the jump leads from positive terminals ① and ② of both batteries.
- ▶ Have the battery checked at a qualified specialist workshop.




Recovery

Notes

WARNING

Do not use the vehicle's towing equipment during vehicle recovery or to secure it. The towing eye could otherwise be torn from its mounting which could result in injuries.

Always have your vehicle transported when:

- the vehicle's  high-voltage electrical system warning lamp lights up in the instrument cluster.
- the **Do no tow (away)** display message appears in the instrument cluster.
- the multifunction display is inoperative.
- one or more of the following warning lamps light up:
 -  drive diagnostics (red)
 -  12-volt battery
- the brake pedal starts pulsating as soon as towing starts.
- the vehicle is to be transported over a longer distance.

When towing the vehicle, please note the following:

- Only experienced persons should tow vehicles.
- It is advisable to have your vehicle towed by a vehicle from a qualified specialist workshop.
- When towing, observe the legal requirements of the country concerned.
- Switch on the ignition when your vehicle is being towed.
- Move the gear lever to position **N**. The multifunction display must show **N**.
- Do not exceed a maximum speed of 50 km/h.
- Do not travel further than 50 km.

WARNING

Towing the vehicle at high speeds and over an extended distance could cause the electric drive or a high-voltage component to overheat. This could cause the vehicle to catch fire. You and others could be seriously or even fatally injured.

Therefore, always tow the vehicle at speeds of less than 50 km/h and no greater than 50 km.

- ❗ Tow the vehicle at less than 50 km/h and no more than 50 km. There is otherwise a risk of damaging the electric drive or a high-voltage component.
- ❗ Do not tow any other vehicles with the smart electric drive. There is otherwise a risk of damaging the electric drive or a high-voltage component.
- When towing the vehicle, all four of its wheels must be in contact with the ground.
- Ideally, use a towing bar to tow the vehicle. Use elastic polyamide cables or polyamide bands when using a tow cable.
- Secure the towing eyes on the same side on both vehicles.

- Only use the towing eyes to tow the vehicle.
- The towed vehicle must not be heavier than the towing vehicle.
- Do not tow the vehicle backwards by the basic carrier*.

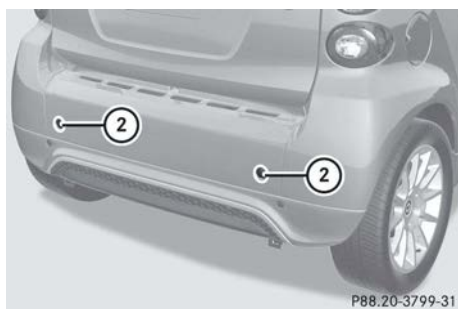
Fitting the towing eye

Opening the front cover



- ▶ Prise out cover ① at the indentation using a suitable object and remove.

Opening the rear cover

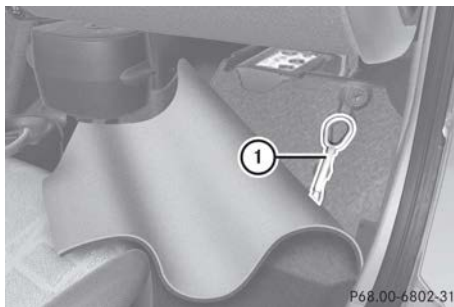


- ▶ Prise out one of covers ② at the indentation using a suitable object and remove.

Securing the towing eye

The towing eye is located underneath the carpet in the passenger footwell.

- ▶ Remove the carpet in the passenger footwell (▷ page 169).



- ▶ Take towing eye ① out of the footrest in the passenger footwell.
- ▶ Screw in the towing eye to the stop.
- ▶ Secure the towing cable or towing bar to the towing eye.

Towing the vehicle

- ▶ Switch the ignition on.
- ▶ Depress the brake pedal.
- ▶ Move the gear lever to position **N**. **N** is shown in the multifunction display.




! The vehicle may only be towed if:

- the gear lever is in position **N**.
- **N** is shown in the multifunction display.

If the battery is fully discharged, have your vehicle towed by a vehicle from a qualified specialist workshop.

- !** Tow the vehicle at less than 50 km/h and no more than 50 km. There is otherwise a risk of damaging the electric drive or a high-voltage component.

The vehicle must be transported if:

- one or more red warning lamps light up in the instrument cluster, such as:
 - High-voltage battery 
 - Drive diagnostics  (red)
 - 12-volt battery 
- you feel an increased or pulsating braking effect.

Electrical fuses

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 will fail.

WARNING

Only use the fuses approved by smart or fuses that are equally safe and are of the specified amperage for the respective system. Details are available from any qualified specialist workshop, e.g. a smart Centre. Otherwise, a circuit overload could cause a fire.

Do not attempt to repair or bridge faulty fuses. Have the cause traced and rectified at a specialist workshop that is qualified to work on smart electric drive vehicles, e.g. a smart Centre.

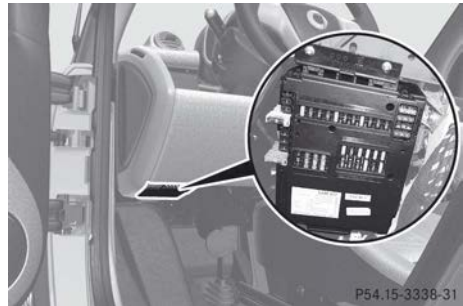
- !** Blown fuses must be replaced with fuses of the same rating, which you can recognise by the colour and value. The fuse ratings are listed in the fuse allocation chart.

Only change fuses while the vehicle is stationary. Switch off all consumers and the ignition first.

If the newly inserted fuse also blows, have the cause traced and rectified at a specialist workshop that is qualified for smart electric drive vehicles, e.g. a smart Centre.

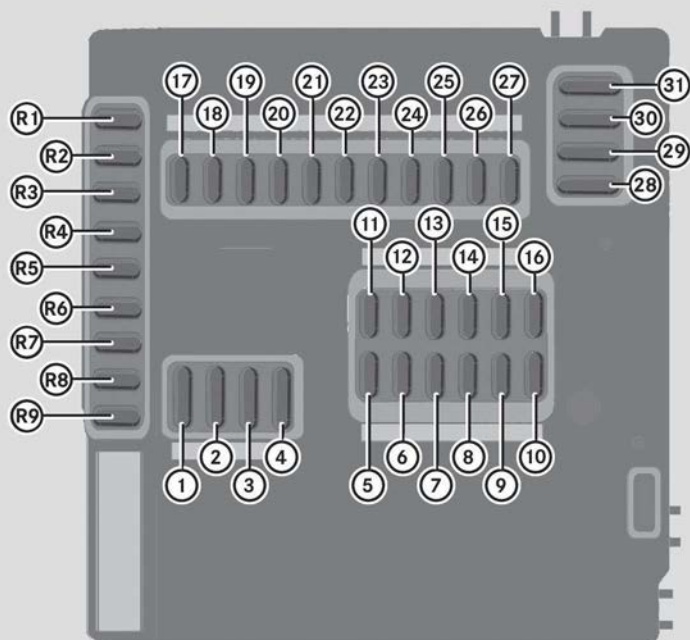
Replacing fuses

The fuse box is located on the left-hand side under the dashboard.



- ▶ Before replacing fuses, always switch off all electrical consumers and the ignition.
- ▶ Check the fuse allocation chart overview (> page 177) to find out which fuse belongs to the consumer that has failed.
- ▶ Pull out the appropriate fuse.
- ▶ Replace the defective fuse with a new one of the same amperage.

Fuse box

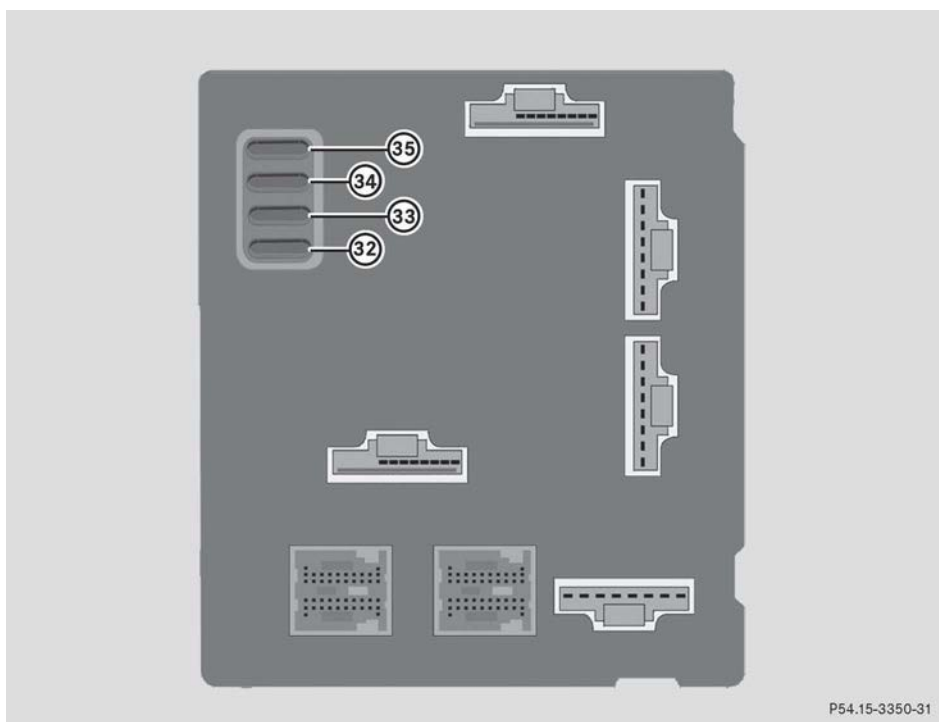


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Front side

① - ⑳ Fuse

R1 - R9 Spare fuse slots



Rear side

③② - ③⑤ Fuse

>> Practical advice.

Fuse allocation

No.	Consumer	Current	Colour coding
1	–	–	–
2	Front windscreen wipers	25 A	Natural
3	Power windows	20 A	Yellow
4	Blower motor for vehicle interior	25 A	Natural
5	Front foglamps, LED daytime driving lights	10 A	Red
6	Right-hand parking lamp, right-hand tail lamp, licence plate lighting	7.5 A	Brown
7	Left-hand parking lamp, left-hand tail lamp	7.5 A	Brown
8	Engine components, auxiliary climate control	25 A	Natural

No.	Consumer	Current	Colour coding
9	Engine components, brake system	7.5 A	Brown
10	Engine components	15 A	Blue
11	esp® control unit	25 A	Natural
12	Left-hand control lever functions, switch strip functions, diagnostics connection, mirror heating, anti-theft alarm system, rain/light sensor ²¹ , additional instruments, central locking, instrument cluster	10 A	Red
13	–	–	–
14	–	–	–
15	Electric drive safety circuit	15 A	Blue
16	–	–	–
17	Rear window wiper ²²	15 A	Blue
18	esp® control unit, power steering control unit, restraint systems	10 A	Red
19	Engine control unit, transmission control unit, start/stop function control unit, drive components, sound generator	7.5 A	Brown
20	Heating/air-conditioning control panel, exterior mirror adjustment, washer fluid pump, radio systems, seat heating, reversing lamps, right-hand control lever functions, soft-top switch ²³	10 A	Red
21	12 V socket, cigarette lighter	15 A	Blue
22	Left-hand dipped beam	7.5 A	Brown
23	Right-hand dipped beam	7.5 A	Brown
24	Brake lamp, rear foglamp	15 A	Blue
25	Right-hand main beam	7.5 A	Brown
26	Left-hand main beam	7.5 A	Brown
27	Engine components	7.5 A	Brown

²¹ Only on left-hand-drive vehicles.

²² fortwo coupé only.

²³ fortwo cabriolet only.

No.	Consumer	Current	Colour coding
28	Rear window heating	40 A	Orange
29	Soft top ²³	30 A	Green
30	Transmission control unit, fan motor for front radiator	40 A	Orange
31	Horn, central locking	20 A	Yellow
32	–	–	–
33	Ignition lock	50 A	Red
34	esp® control unit	40 A	Orange
35	Power steering control unit	30 A	Green
R1	Exterior mirror heating	7.5 A	Brown
R2	–	–	–
R3	–	–	–
R4	–	–	–
R5	Engine components	10 A	Red
	Power supply for a card reader on the front windscreen ²⁴	10 A	Red
R6	Radio systems, subwoofer (sound system), soft top ²³	15 A	Blue
R7	Interior lighting	5 A	Light brown
R8	Amplifier (surround sound system)	20 A	Yellow
R9	Seat heating control unit	25 A	Natural

>> Practical advice.

²³ fortwo cabriolet only.

²⁴ car2go only.



Vehicle equipment	182
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Vehicle equipment

- i** This Owner's Manual describes all models and all standard and optional equipment available to your vehicle at the time of publication of the Owner's Manual. Country-specific deviations are possible. Please note that your vehicle may not be equipped with all features described. This also applies to safety-relevant systems and functions.
- i** Please read the information on qualified specialist workshops (> page 14).

Vehicle electronics

Tampering with the engine electronics

WARNING

Always have work on the engine electronics and related components carried out at a specialist workshop that is qualified to work on smart electric drive vehicles. This specialist workshop has the necessary specialist knowledge and tools to carry out the work required. smart recommends that you use a smart Centre for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

- !** Only have work on the engine electronics and its associated parts, such as control units, sensors and connector leads, carried out at a specialist workshop that is qualified to work on smart electric drive vehicles, e.g. a smart Centre. Otherwise, vehicle components may be subject to increased wear, your entitlement to warranty claims may become void and the vehicle's operating permit may be invalidated.

Retrofitting electrical and electronic equipment

Electrical and electronic equipment can jeopardise the operating safety of your vehicle. If equipment of this kind is retrofitted, it must be type-approved and bear the **e** mark. The **e** mark may be obtained from the equipment manufacturer or an authorised testing centre.

- !** Damage or consequential damage resulting from retrofitting such equipment is not covered by the smart warranty.

If you wish to install telephones or two-way radio equipment in your vehicle, you must first obtain approval. If they are professionally installed and equipped with a low-reflection exterior aerial, smart will approve the installation of mobile phones and two-way radio equipment.

The transmission output of the mobile phone or two-way radio must not exceed the maximum transmission outputs listed.

Frequency range	Maximum transmission output (watts)
Short wave (< 50 Mhz)	100
Waveband 2 m	50
0.7 m waveband	35
Waveband 0.25 m = D + E networks	10

⚠ WARNING

Two-way radios may interfere with the vehicle electronics and thereby jeopardise the operational safety of the vehicle and your safety if:

- they do not have an exterior aerial.
- the exterior aerial is not a low-reflection aerial.
- the exterior aerial has been fitted incorrectly.

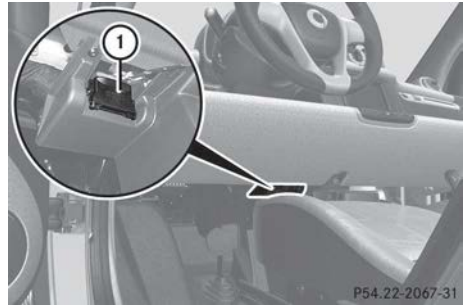
Excessive electromagnetic radiation may also cause damage to your health and the health of others. Using an exterior aerial takes into account current scientific discussions relating to the possible health hazards that may result from electromagnetic fields.

Therefore, always have the exterior aerial fitted at a specialist workshop that is qualified to work on smart electric drive vehicles. This specialist workshop has the necessary specialist knowledge and tools to carry out the work required. smart recommends that you use a smart 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** If electrical or electronic equipment which does not comply with the above installation conditions is operated inside the vehicle, the vehicle's operating permit may be invalidated (EU Directive 95/54/EC).

Diagnostics connection

The diagnostics connection is located on the left-hand side of the vehicle on the right-hand side of the footwell.



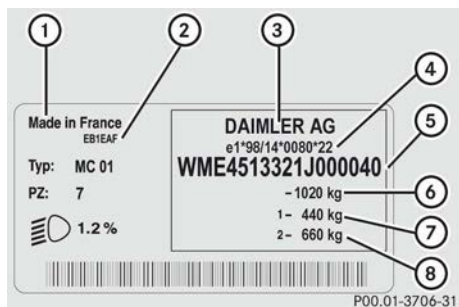
① Diagnostics connection

Vehicle identification plates**Vehicle identification plate with vehicle identification number (VIN) and paint code**

The vehicle identification plate is in the door frame on the driver's side.



- Open the driver's door.
You will see vehicle identification plate ①.

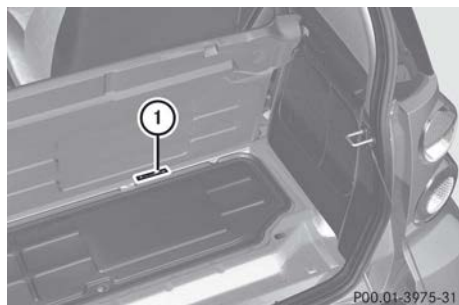


Vehicle identification plate (example)

- ① Country of manufacture
- ② Paint code
- ③ Vehicle manufacturer
- ④ EU type approval number
- ⑤ Vehicle identification number (VIN)
- ⑥ Maximum permissible gross vehicle weight
- ⑦ Maximum permissible front axle load
- ⑧ Maximum permissible rear axle load

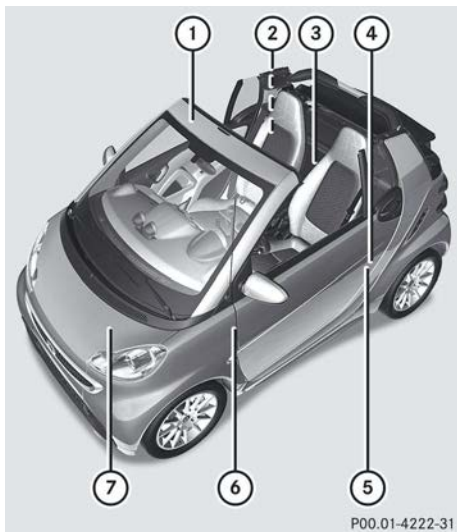
Vehicle identification number (VIN)

The vehicle identification number is located at the rear right on the floor panel under the carpet in the luggage compartment.



- ① Vehicle identification number
- ▶ Open the luggage compartment.
- ▶ Fold back the carpet.

Labels and plates



Example: left-hand-drive vehicle

- ① Airbag instruction labels (sun visor)
- ② Warning sticker/tyre pressure table
- ③ VIN
- ④ smartmove Assistance sticker
- ⑤ Vehicle identification plate with the vehicle identification number
- ⑥ Service plate
- ⑦ Coolant warning notice

Service products and capacities

Coolant

The coolant is a mixture of water and anti-freeze/corrosion inhibitor.

It performs the following tasks in the cooling system:

- corrosion protection
- antifreeze protection

Mixing water with an antifreeze/corrosion inhibitor will raise the coolant's boiling point above that of water alone.

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. Always use a suitable coolant mixture, even in countries where high temperatures prevail. The cooling system is otherwise not 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 cooling system should:

- be at least 50%. This will protect the cooling system against freezing down to around -37 °C.
- not exceed 55% (antifreeze protection down to -45 °C). Heat will otherwise not be dissipated as effectively.

If the vehicle has lost coolant, top it up with equal amounts of water and antifreeze/corrosion inhibitor. Only use antifreeze/corrosion inhibitor approved by smart or a product of the same quality. You can obtain further information about this from any qualified specialist workshop.

Brake fluid

Over a period of time, the brake fluid absorbs moisture from the air; this lowers its boiling point.

WARNING

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.

Have the brake fluid renewed every two years with brake fluid that has been approved by smart and have this confirmed in the Service Booklet.

- i** There is usually a notice in the front compartment to remind you when the next brake fluid change is due.

Windscreen washer system

The dosage depends on the outside temperature and the respective manufacturer's instructions²⁵.

Example smartcare screen cleaner:

Temperature	Summer concentration: water	Winter concentration: water
Above 0 °C	1:100	-
-10 °C	-	1:2
-20 °C	-	1:1

WARNING

Washer fluid concentrate is highly flammable. Fire, naked flames and smoking are prohibited when handling washer fluid concentrate.

Tyres and wheels

Notes

- !** For reasons of safety, smart recommends tyres that have been approved by smart or tyres that offer the same level of safety. These tyres are suited to work in conjunction with systems such as abs or esp®. If other tyres are fitted, smart cannot be held responsible for damage that may occur as a result. Further informa-

²⁵ Refer to the application guide on the packaging.

tion can be obtained at any qualified specialist workshop, e.g. a smart Centre.

Fit only recommended wheels and tyres on your smart fortwo. If other wheels are fitted, smart cannot be held responsible for the negative effects (e.g. increased road noise, increased fuel consumption, reduced road holding) or damage that may occur as a result.

In addition, when driving with a load, dimensional variations and different tyre deformation characteristics could cause the tyres to make contact with the bodywork and axle components. This could result in damage to the tyres or the vehicle.

i Further information on wheels and tyres can be obtained at a qualified specialist workshop, e.g. a smart Centre.

You will find a table of tyre pressures on the inside of your vehicle's charge socket flap.

You will find further information about tyre pressures in the "Operation" section (▷ page 125).

Mixed tyres		
		55 kW electric drive
Front axle	Summer tyres	155/60 R15 74 T
	Winter tyres	155/60 R15 74 T M+S
	Wheels	4.5 J x 15 H2 ET 23.5
Rear axle	Summer tyres	175/55 R15 77 T
	Winter tyres	175/55 R15 77 T M+S
	Wheels	5.5 J x 15 H2 ET 22

		60 kW BRABUS electric drive
Front axle	Summer tyres	175/50 R16 77 T
	Wheels	5.5 J x 16 H2 ET 30
Rear axle	Summer tyres ²⁶	225/35 R17 86Y
	Wheels	7.5 J x 17 H2 ET 33

Tyre pressures		
Summer and winter	Front	Rear
155/60 R15 front 175/55 R15 rear	200 kPa (2.0 bar)	250 kPa (2.5 bar)
Summer	Front	Rear
175/50 R16 front 225/35 R17 rear	180 kPa (1.8 bar)	220 kPa (2.2 bar)

²⁶ Snow chains not permitted.

Vehicle data

 **WARNING**

Do not attach carrier bars or loads to the roof of the vehicle, otherwise:

- the panorama roof* could be severely damaged, thereby causing injury.
- it could have a significant negative effect on the driving dynamics which could lead to an accident.
- the carrier bar and/or the load could come loose and thereby cause an accident, or other persons could be injured by the falling load and/or carrier bar.

- i** The unladen weight includes the driver (68 kg), luggage (7 kg) and all fluids. Items of optional equipment increase the unladen weight and reduce the maximum payload.

fortwo coupé 55 kW electric drive**Vehicle dimensions**

Vehicle length (ECE)	2695 mm
Vehicle width including exterior mirrors	1752 mm
Vehicle height	1565 mm
Wheelbase	1867 mm

Vehicle weights

Unladen weight (in accordance with EC directive)	975 kg
Roof load	None
Maximum luggage compartment load	50 kg

fortwo cabrio 55 kW electric drive**Vehicle dimensions**

Vehicle length (ECE)	2695 mm
Vehicle width including exterior mirrors	1752 mm
Vehicle height	1565 mm
Wheelbase	1867 mm

Vehicle weights

Unladen weight (in accordance with EC directive)	995 kg
Roof load	None
Maximum luggage compartment load	50 kg

fortwo coupé 60 kW BRABUS electric drive**Vehicle dimensions**

Vehicle length (ECE)	2727 mm
Vehicle width including exterior mirrors	1752 mm
Vehicle height	1565 mm
Wheelbase	1867 mm

Vehicle weights	
Unladen weight (in accordance with EC directive)	1000 kg
Roof load	None
Maximum luggage compartment load	50 kg

fortwo cabrio 60 kW BRABUS electric drive

Vehicle dimensions	
Vehicle length (ECE)	2727 mm
Vehicle width including exterior mirrors	1752 mm
Vehicle height	1565 mm
Wheelbase	1867 mm

Vehicle weights	
Unladen weight (in accordance with EC directive)	1020 kg
Roof load	None
Maximum luggage compartment load	50 kg

High-voltage battery

Type	Lithium-ion
Energy content	17.6 kWh
Nominal capacity	52 Ah

Range, electric only (according to NEDC)	145 km
Charging time at 13 A (e.g. household power outlet)	Approx. 7 h ^{27, 28}
Charging time at 16 A (e.g. charging station or wallbox)	Approx. 6 h ^{27, 28}
Charging time at 32 A ²⁹ (e.g. charging station or wallbox)	Approx. 1 h ^{27, 28}

Heating/air-conditioning system

Maximum rated output of heater	4 kW
Maximum rated output of air-conditioning system	6 kW

²⁷ 0 - 100% SOC at 25 °C

²⁸ The time required to charge the battery is longer if the battery is cold and/or the current is lower.

²⁹ Vehicles with 22 kW on-board charger, 32 A 3-phase

Publication details

Internet

Further information about smart vehicles and about Daimler AG can be found on the following websites:

<http://www.smart.com>

<http://www.daimler.com>

Editorial office

You are welcome to forward any queries or suggestions you may have regarding this manual to the technical documentation team at the following address:

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