



Digital – in the vehicle

Familiarize yourself with the contents of the Operator's Manual directly via the vehicle's multimedia system (menu item "Vehicle"). Start with the quick guide, discover your vehicle's highlights or broaden your knowledge with useful tips.



Vehicle document wallet

Here you can find comprehensive information about operating your vehicle and about services and warranties in printed form.



Digital – on the Internet

You can find the Operator's Manual on the Mercedes-Benz homepage.



Digital – as an App

The Mercedes-Benz Guides App is available free-of-charge in familiar App stores.



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Edition A-2021



Apple® iOS



Android™

Mercedes-AMG GT Black Series

Mercedes-Benz



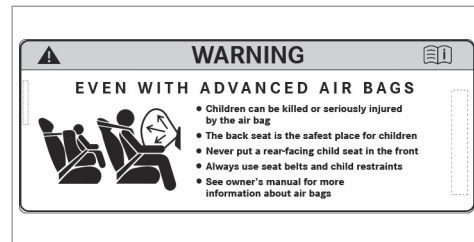
Mercedes-AMG GT Black Series

Operator's Manual

Mercedes-Benz



Front passenger airbag warning



Example

⚠ WARNING Risk of injury or fatal injuries if the front passenger airbag is enabled

If the front passenger airbag is enabled, a child on the front passenger seat may be struck by the front passenger airbag during an accident.

NEVER use a rearward facing child restraint system on a seat protected by an ENABLED FRONT AIRBAG in front of it, this can result in DEATH or SERIOUS INJURY to the child.

Observe the chapter "Children in the vehicle".

Publication details

Internet

Further information about Mercedes-Benz vehicles and about Mercedes-Benz AG can be found on the following websites:

<https://www.mbusa.com> (USA only)

<https://www.mercedes-benz.ca> (Canada only)

Documentation team

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Vehicle manufacturer

Mercedes-Benz AG

Mercedesstraße 120

70372 Stuttgart

Germany

As at 10.01.20

Thank you for purchasing a Mercedes-AMG

Before you first drive off, read this Operator's Manual carefully and familiarize yourself with your vehicle. For your own safety and a longer operating lifespan of the vehicle, follow the instructions and warning notices in this Operator's Manual. Disregarding them may lead to damage to the vehicle or injury to people.

Damage to the vehicle resulting from the disregard of the instructions is not covered by the Mercedes-Benz Limited Warranty.

The standard equipment and product description of your vehicle may vary and depends on the following factors:

- Model
- Order
- National version
- Availability

Mercedes-AMG 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 documents are integral parts of the vehicle:

- Digital Operator's Manual
- Printed Operator's Manual
- Maintenance Booklet
- Equipment-dependent Supplements

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

Mercedes-Benz USA, LLC
Mercedes-Benz Canada, Inc.
A Daimler Company

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In this Operator's Manual, you will find the following symbols:

⚠ DANGER Danger due to not observing the warning notices

Warning notices draw your attention to hazards that may endanger your health or life, or the health or life of others.

▶ Observe the warning notices.

🌿 ENVIRONMENTAL NOTE Environmental damage due to failure to observe environmental notes

Environmental notes include information on environmentally responsible behavior or environmentally responsible disposal.

▶ Observe environmental notes.

! NOTE Damage to property due to failure to observe notes on material damage

Notes on material damage inform you of risks which may lead to your vehicle being damaged.

▶ Observe notes on material damage.

ⓘ These symbols indicate useful instructions or further information that could be helpful to you.

▶ Instruction

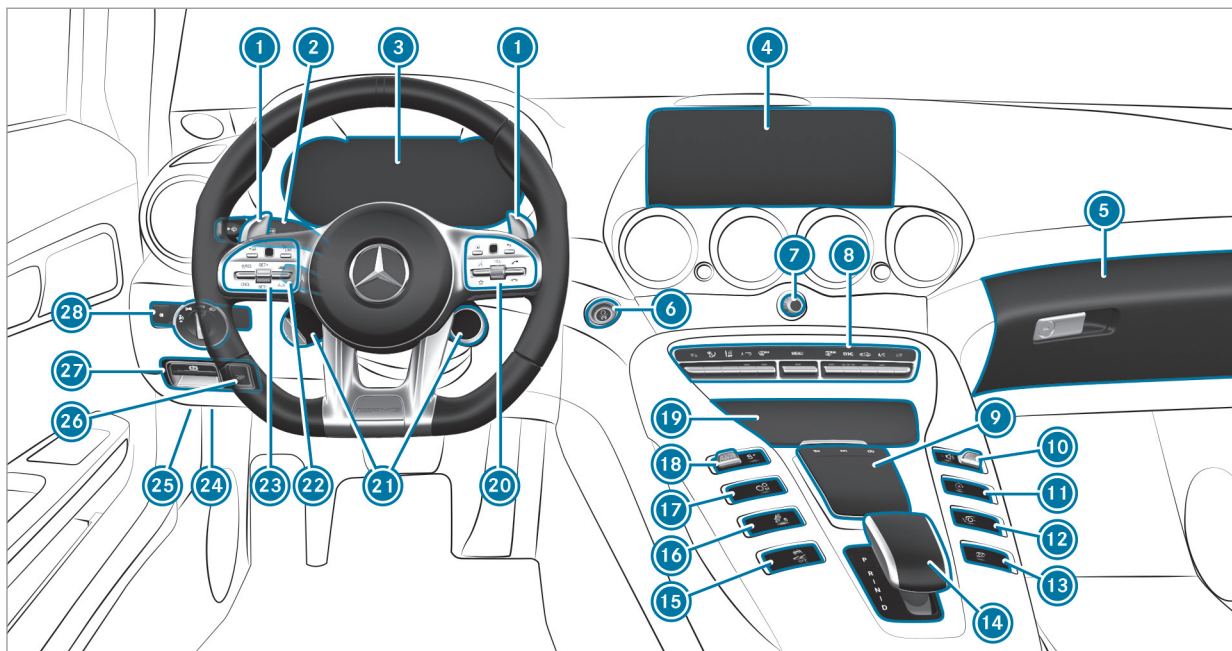
(→ page) Further information on a topic

Display Information on the multifunction display/media display

↗▶ Highest menu level, which is to be selected in the multimedia system

▶▶ Relevant submenus, which are to be selected in the multimedia system

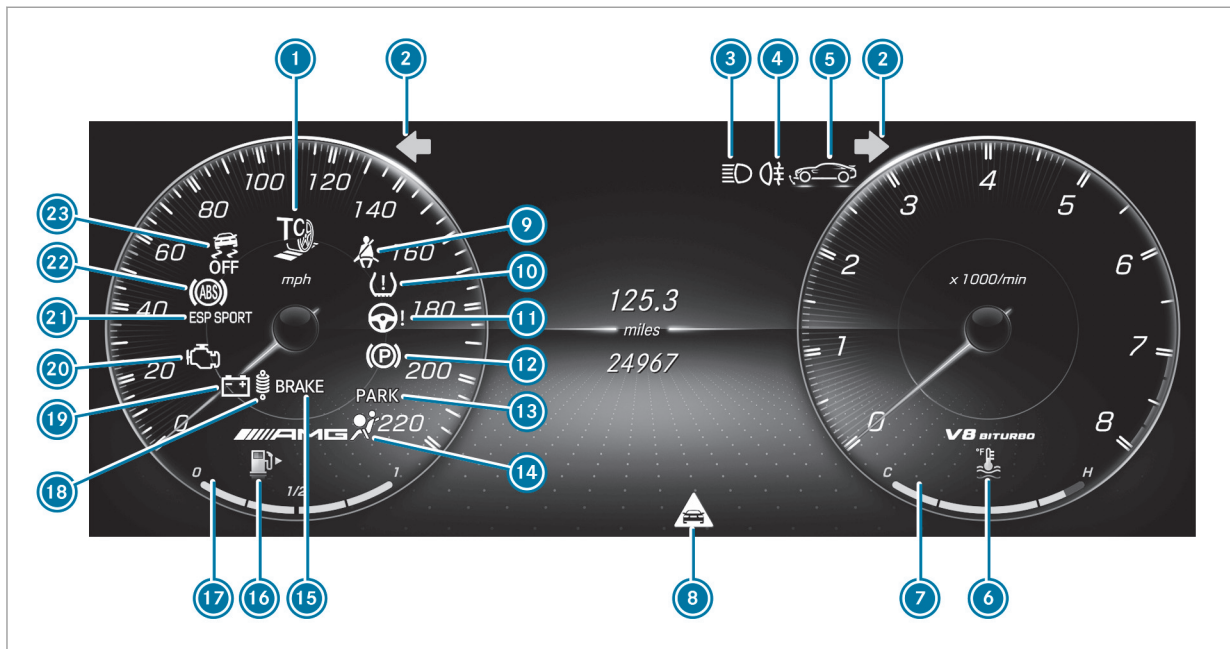
* Indicates a cause






























Left-hand-drive vehicles

① Steering wheel gearshift paddles	→	111	⑩ Controller for volume and switching sound on/off	→	159
② Combination switch	→	81	Switches the multimedia system on/off	→	159
③ Instrument Display	→	143	⑪ ECO start/stop function	→	99
④ Media display	→	159	⑫ Extends and retracts the rear wing	→	131
⑤ Glove box	→	76	⑬ AMG Performance exhaust system	→	101
⑥ Start/stop button	→	94	⑭ AMG E-SELECT selector lever	→	109
⑦ Adjusts traction control	→	130	⑮ Activating/deactivating ESP®	→	122
⑧ Climate control systems	→	90	⑯ AMG adaptive sport suspension system	→	134
⑨ Touchpad	→	159	⑰ Manual gearshifting	→	111
			⑱ DYNAMIC SELECT switch	→	106
			⑲ Storage compartment	→	76
			⑳ Control panel for the multimedia system	→	144
			㉑ AMG steering-wheel buttons	→	131
			㉒ Adjusts the steering wheel	→	71
			㉓ Control panel:		
			On-board computer	→	144
			Cruise control	→	125
			㉔ Diagnostics connection	→	22
			㉕ Opens the hood	→	258
			㉖ Opens the tailgate	→	59
			㉗ Electric parking brake	→	118
			㉘ Light switch	→	80

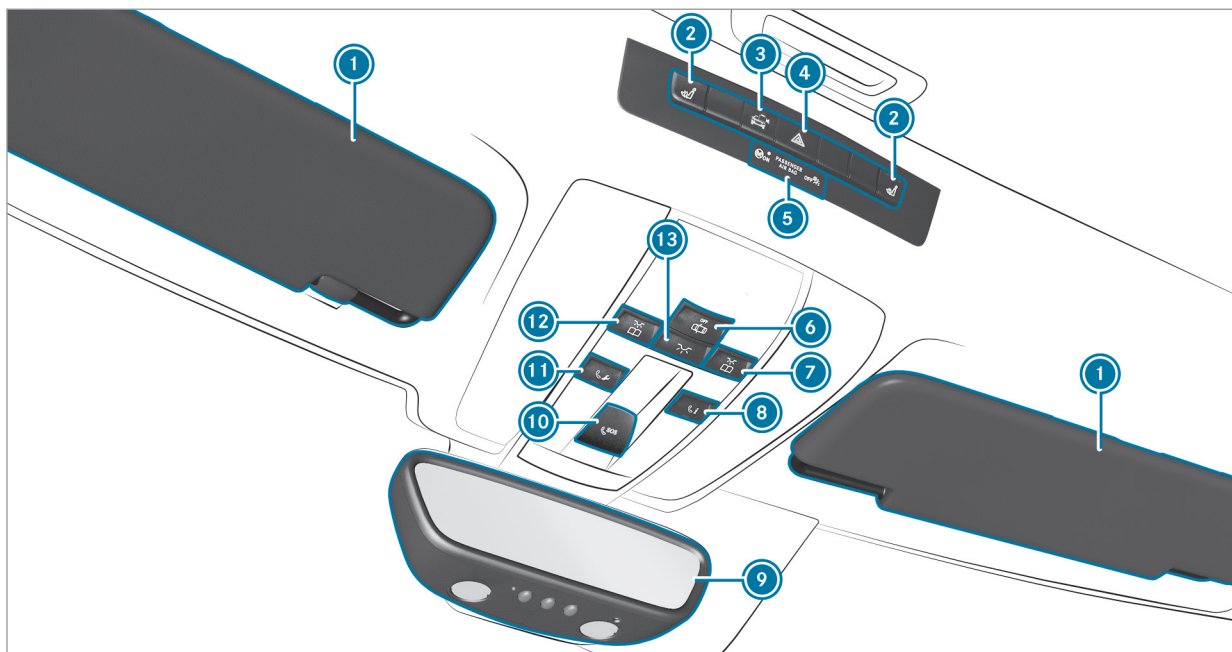
8 At a glance – Indicator and warning lamps







Instrument Display

1	 Traction control	→	369		
2	  Turn signal lights	→	81		
3	 High beam	→	81		
	 Low beam	→	80		
	 Parking lamps	→	80		
4	 Rear fog lamp	→	81		
5	 Front diffuser	→	133		
	 Rear wing	→	131		
6	 Coolant temperature	→	370		
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11	 Power steering	→	369		
12	 Electric parking brake (yellow)	→	373		
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	PARK USA only				
	 Canada only				
14	 Restraint system	→	367		
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	BRAKE USA only				
	 Canada only				
16	 Reserve fuel with fuel filler flap location indicator	→	370		
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19	 Electrical malfunction	→	370		
20	 Check Engine	→	370		
21	 ESP [®] SPORT	→	376		
	 ESP [®] OFF	→	376		
22	 ABS	→	376		
23	 ESP [®] OFF	→	376		
	 ESP [®]	→	376		

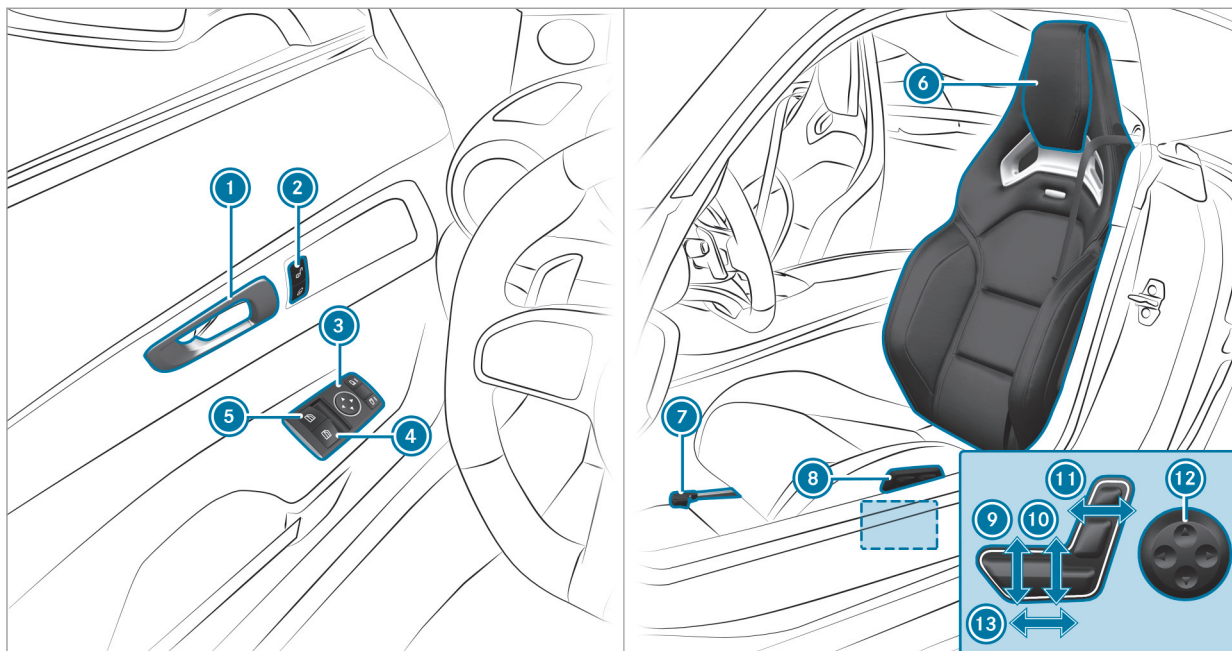
10 At a glance – Overhead control panel







①	Sun visors		
②	Switches the seat heating on/off	→	70
③	Front camera	→	135
④	Hazard warning light system	→	82
⑤	PASSENGER AIR BAG indicator lamps	→	41
⑥	 Switches automatic interior lighting control on/off	→	84
⑦	 Switches the right-hand reading lamp on/off	→	84

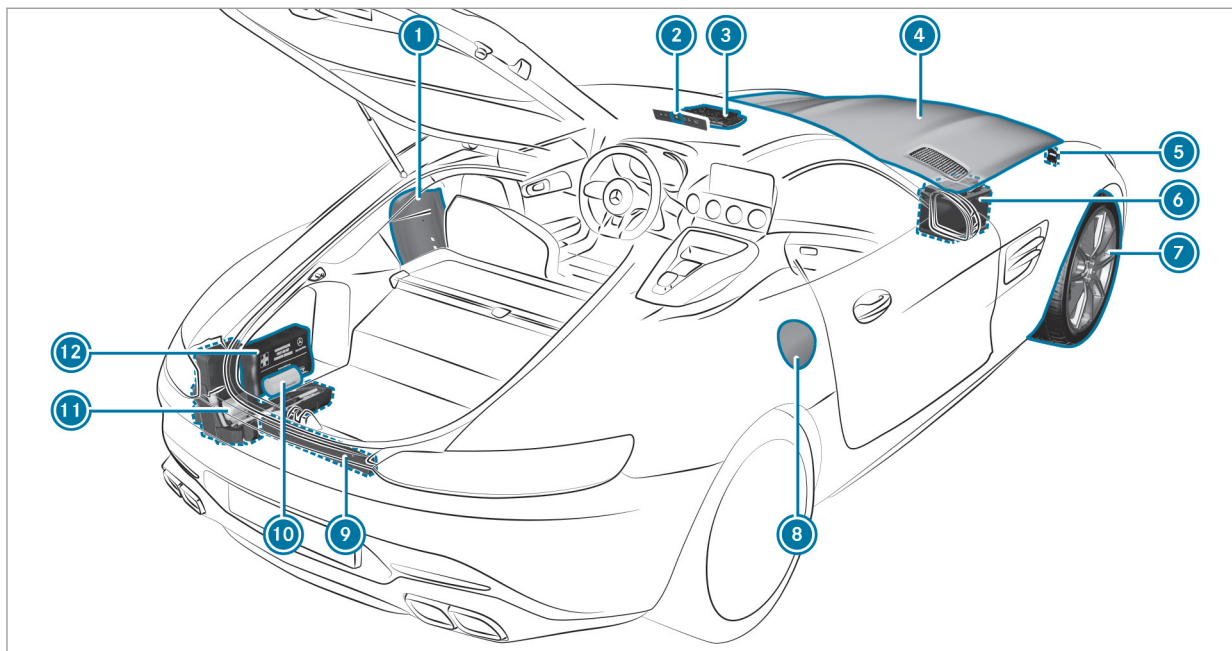
⑧	MB Info call button (Mercedes me connect)	→	223
⑨	Inside rearview mirror	→	87
⑩	SOS button	→	228
⑪	Breakdown assistance call button (Mercedes me connect)	→	223
⑫	 Switches the left-hand reading lamp on/off	→	84
⑬	 Switches the interior lighting on/off	→	84

12 At a glance – Door control panel and seat adjustment



①	Opens the door	→	56	⑧	Operates the memory function	→	73
②	  Locks/unlocks the vehicle	→	56	⑨	Adjusts the seat cushion inclination	→	68
③	Operates the outside mirrors	→	86	⑩	Adjusts the seat height	→	68
④	 Opens/closes the right side window	→	60	⑪	Adjusts the seat backrest inclination	→	68
⑤	 Opens/closes the left side window	→	60	⑫	Adjusts the 4-way lumbar support	→	69
⑥	Head restraint			⑬	Sets the seat fore-and-aft position	→	68
⑦	Adjusts the front seat mechanically	→	66				

14 At a glance – Emergencies and breakdowns



① B-pillar with a QR code for accessing the rescue card	→	25	⑧ Fuel filler flap with instruction labels for tire pressure, fuel type and QR code for accessing the rescue card	→	113
② Hazard warning light system	→	82	⑨ Warning triangle	→	269
③ SOS button	→	228	⑩ Safety vests	→	269
④ To check and refill operating fluids	→	319	⑪ TIREFIT kit	→	272
⑤ To tow-start and tow away	→	280	⑫ First-aid kit (soft sided)	→	270
⑥ Starting assistance	→	279			
⑦ Flat tire	→	270			

Calling up the Digital Operator's Manual

Multimedia system:

→ Vehicle → ⓘ Operator's Manual

▶ Select a menu item.

In addition, you can also call up the Operator's Manual within a main function (e.g. via [Media Info](#)).

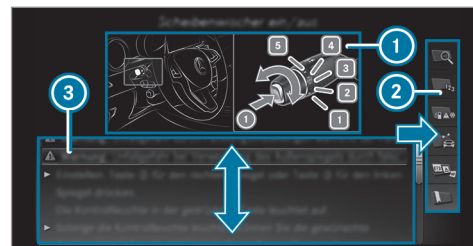
The Digital Operator's Manual describes the function and operation of the vehicle and the multimedia system.

For safety reasons, the Digital Operator's Manual is deactivated while driving.



The Digital Operator's Manual contains the following menu items:

- **Search:** allows you to search precisely for keywords.
- **Quick start:** provides you with important information so that you can start using your vehicle immediately.
- **Tips:** provides tips on how to use your vehicle in certain situations.
- **Messages:** provides you with further information about the messages in the instrument cluster.
- **Bookmarks:** provides you with a list of all the bookmarks you have stored yourself.



- ① Picture
- ② Menu
- ③ Navigation window

Some sections of the Digital Operator's Manual, such as warnings, can be made visible by highlighting and pressing them.

Notes on small series certification

This vehicle has been produced and certified in a limited number of units in accordance with the specifications for small series certification. The scope of equipment and certification is based on these specifications, which may deviate from the requirements for large-scale production.

Protecting the environment



ENVIRONMENTAL NOTE Environmental damage due to operating conditions and personal driving style

The pollutant emission of the vehicle is directly related to the way you operate the vehicle.

Operate your vehicle in an environmentally responsible manner to help protect the environment. Please observe the following recommendations on operating conditions and personal driving style.

Operating conditions:

- ▶ Make sure that the tire pressure is correct.
- ▶ Do not carry any unnecessary weight.
- ▶ Adhere to the service intervals. A regularly serviced vehicle will contribute to environmental protection.
- ▶ Always have maintenance work carried out at a qualified specialist workshop.

Personal driving style:

- ▶ Do not depress the accelerator pedal when starting the engine.
- ▶ Do not warm up the engine while the vehicle is stationary.
- ▶ Drive carefully and maintain a suitable distance from the vehicle in front.
- ▶ Avoid frequent, sudden acceleration and braking.
- ▶ Change gear in good time and use each gear only up to $\frac{2}{3}$ of its maximum engine speed.

- ▶ Switch off the engine in stationary traffic, e.g. by using the ECO start/stop function.
- ▶ Drive fuel-efficiently. Observe the ECO display for an economical driving style.

Environmental issues and recommendations

It is recommended that you re-use or recycle materials instead of just disposing of them.

The relevant environmental guidelines and regulations serve to protect the environment and must be strictly observed.

Genuine Mercedes-Benz parts



ENVIRONMENTAL NOTE Environmental damage due to not using recycled reconditioned components

Mercedes-Benz AG offers recycled reconditioned components and parts with the same quality as new parts. The same entitlement from the Limited Warranty is valid as for new parts.

- ▶ Use recycled reconditioned components and parts from Mercedes-Benz AG.

! **NOTE** Impairment of the operating efficiency of the restraint systems from installing accessory parts or from repairs or welding

Airbags and Emergency Tensioning Devices, as well as control units and sensors for the restraint systems, may be installed in the following areas of your vehicle:

- Doors
- Door pillars
- Door sills
- Seats
- Cockpit
- Instrument cluster
- Center console
- Lateral roof frame

- ▶ Do not install accessory parts such as audio systems in these areas.
- ▶ Do not carry out repairs or welding.
- ▶ Have aftermarket installation of accessories carried out at a qualified specialist workshop.

You could jeopardize the operating safety of your vehicle if you use parts, tires and wheels as well as accessories relevant to safety which have not been approved by Mercedes-Benz. Safety-relevant systems, e.g. the brake system, may malfunction. Only use Mercedes-Benz GenuineParts or parts of equal quality. Only use tires, wheels and accessories that have been specifically approved for your vehicle model.

Mercedes-Benz GenuineParts are subject to strict quality inspections. Each part has been specially developed, manufactured or selected for Mercedes-Benz vehicles and adapted to them. Therefore, only Mercedes-Benz GenuineParts should be used.

More than 300,000 different Mercedes-Benz GenuineParts are available for Mercedes-Benz models.

All authorized Mercedes-Benz Centers maintain a supply of Mercedes-Benz GenuineParts for necessary service and repair work. In addition, strategically located parts delivery centers provide for quick and reliable parts service.

Always specify the vehicle identification number (VIN) (→ page 317) when ordering Mercedes-Benz GenuineParts.

Operator's Manual

This Operator's Manual describes all models and all standard and optional equipment available for your vehicle at the time of this Operator's Manual going to press. Country-specific differences are possible. Note that your vehicle may not be equipped with all features described. This is also the case for systems and functions relevant to safety. Therefore, the equipment on your vehicle may differ from that in the descriptions and illustrations.

The original purchase agreement for your vehicle contains a list of all of the systems in your vehicle.

Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

The Operator's Manual and Maintenance Booklet are important documents and should be kept in the vehicle.

Service and vehicle operation

Vehicle operation outside the USA or Canada

When you are abroad with your vehicle, observe the following points:

- Service points or replacement parts may not be available immediately.
- Unleaded fuel may not be available for vehicles with a catalytic converter. Leaded fuel may cause damage to the catalytic converter.
- The fuel may have an extremely low octane number. Unsuitable fuel can cause engine damage.

Some Mercedes-Benz models are available in Europe through our European Delivery Program. For more information, please consult an authorized Mercedes-Benz service center, or write to one of the following address:

In the USA:

Mercedes-Benz USA, LLC
European Delivery Department
One Mercedes-Benz Drive
Sandy Springs, GA 30328

In Canada:

Mercedes-Benz Canada, Inc.
European Delivery Department
98 Vanderhoof Avenue
Toronto, Ontario M4G 4C9

Maintenance

Your customer advisor confirms the service in the service report.

Roadside Assistance

The Mercedes-Benz Roadside Assistance Program offers technical help in the case of a breakdown. Your calls to the toll-free Roadside Assistance Hotline are answered by our agents 24 hours a day, 365 days a year.

1-800-FOR-MERCEdes (1-800-367-6372) (USA)
1-800-387-0100 (Canada)

You can find further information in the Mercedes-Benz Roadside Assistance Program brochure (USA) or the "Roadside Assistance" section in the Service and Warranty booklet (Canada). You will find both in the vehicle document wallet.

Change of address or change of ownership


In the event of a change of address, please send us the "Notification of address change" in the Service and Guarantee booklet or simply call the Mercedes-Benz Customer Assistance Center (USA) on the hotline number 1-800-FOR-MERCEdes (1-800-367-6372) or Customer Service (Canada) on 1-800-387-0100. We

can then reach you in a timely fashion, if necessary.


If you sell your Mercedes, please leave all literature in the vehicle so that it is available to the next owner. If you have purchased a used vehicle, please send us the "Notice of Purchase of Used Car" in the Service and Guarantee booklet or simply call the Mercedes-Benz Customer Assistance Center (USA) at the hotline number 1-800-FOR-MERCEdes (1-800-367-6372) or Customer Service (Canada) at 1-800-387-0100.

Possible danger due to substances hazardous to health

In compliance with Proposition 65 ("Prop65"), the following detachable label has been added to each vehicle sold in California:



WARNING



Operating, servicing and maintaining a passenger vehicle, pickup truck, van or off-road motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle

A 000 817 82 02

Operating safety

⚠ WARNING Risk of accident due to malfunctions or system failures

To avoid malfunctions or system failures:

- ▶ Always have the prescribed service and maintenance work as well any required repairs carried out at a qualified specialist workshop.

⚠ WARNING Risk of accident or injury due to incorrect modifications on electronic component parts

Modification of electronic components, their software or wiring could impair their function and/or the function of other networked component parts or safety-relevant systems.

This can endanger the operating safety of the vehicle.

- ▶ Never tamper with the wiring and electronic component parts or their software.
- ▶ You should have all work on electrical and electronic components carried out at a qualified specialist workshop.

Observe the "On-board electronics" section in "Technical data".

⚠ WARNING Risk of fire due to flammable materials on hot parts of the exhaust system

Flammable material such as leaves, grass or twigs may ignite if they come into contact with hot parts of the exhaust system.

- ▶ When driving on unpaved roads or off-road, regularly check the vehicle underside.
- ▶ Remove trapped plants or other flammable material, in particular.
- ▶ If there is damage, consult a qualified specialist workshop immediately.

ⓘ NOTE Damage to the vehicle due to driving too fast and due to impacts to the vehicle underbody or suspension components

In the following situations, in particular, there is a risk of damage to the vehicle:

- The vehicle becomes grounded, e.g. on a high curb or an unpaved road
- The vehicle is driven too fast over an obstacle, e.g. a curb, speed bump or pothole
- A heavy object strikes the underbody or suspension components

In situations such as these, damage to the body, underbody, suspension components, wheels or tires may not be visible. Components damaged in this way can unexpectedly fail or, in the case of an accident, may no longer absorb the resulting force as intended.

If the underbody paneling is damaged, flammable materials such as leaves, grass or twigs can collect between the underbody and

the underbody paneling. These materials may ignite if they come into contact with hot parts of the exhaust system.

- ▶ Have the vehicle checked and repaired immediately at a qualified specialist workshop.

or

- ▶ If driving safety is impaired while continuing your journey, pull over and stop the vehicle immediately, while paying attention to road and traffic conditions, and contact a qualified specialist workshop.

Declaration of conformity for wireless vehicle components

USA: "Radio based devices of this vehicle comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) These devices may not cause harmful interference, and 2) These devices must accept any interference received, including interference that may cause undesired operation. Changes or modifications

22 General notes

not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment."

Canada: "This vehicle contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's RSS(s). Operation is subject to the following two conditions: (1) These devices may not cause interference, and (2) These devices must accept any interference, including interference that may cause undesired operation of the device."

Diagnostics connection

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

⚠ WARNING Risk of accident due to connecting devices to the diagnostics connection

If you connect devices to the diagnostics connection of the vehicle, the function of

vehicle systems and operating safety may be impaired.

- ▶ Only connect the vehicle diagnostics connection to devices which have been tested with regard to their suitability and are considered safe.

⚠ WARNING Risk of accident due to objects in the driver's footwell

Objects in the driver's footwell may impede pedal travel or block a depressed pedal. This jeopardizes the operating and road safety of the vehicle.

- ▶ Stow all objects in the vehicle securely so that they cannot get into the driver's footwell.
- ▶ Always install the floor mats securely and as prescribed in order to ensure that there is always sufficient room for the pedals.
- ▶ Do not use loose floor mats and do not place floor mats on top of one another.

! NOTE Battery discharging from using devices connected to the diagnostics connection

Using devices at the diagnostics connection drains the battery.

- ▶ Check the charge level of the battery.
- ▶ If the charge level is low, charge the battery, e.g. by driving a considerable distance.

Connecting equipment to the diagnostics connection can lead to emissions monitoring information being reset, for example. This may lead to the vehicle failing to meet the requirements of the next emissions inspection during the main inspection.

Qualified specialist workshop

An authorized Mercedes-Benz Center is a qualified specialist workshop. It has the necessary special skills, tools and qualifications to correctly carry out the work required on your vehi-

cle. This particularly applies to safety-relevant works.

For the following, always have your vehicle checked at an authorized Mercedes-Benz Center:

- Safety-relevant works
- Service and maintenance work
- Repair work
- Modifications as well as installations and conversions
- Work on electronic components

Mercedes-AMG recommends a Mercedes-Benz service center.

Correct use of the vehicle

If you remove any warning stickers, you or others could fail to recognize certain dangers. Leave warning stickers in position.

Observe the following information in particular when driving your vehicle:

- the safety notes in this manual

- technical data for the vehicle
- traffic rules and regulations
- laws and safety standards pertaining to motor vehicles

Notes for persons with electronic medical aids

Mercedes-Benz AG cannot, despite carefully developing vehicle systems, completely rule out the interaction of vehicle systems with electronic medical aids such as cardiac pacemakers.

In addition, there are components installed in the vehicle that, regardless of the operating status of the vehicle, can generate magnetic fields on a par with permanent magnets. These fields can, for example, be found in the multimedia or sound system or also in the area of the seats, depending on the vehicle equipment.

For this reason, the following can occur in isolated cases, depending on the aids used:

- Aids malfunctioning
- Adverse health effects

Observe the notes and warnings of the manufacturer of the medical aids; if in doubt, contact the device manufacturer and/or your doctor.

Mercedes-Benz AG recommends using only few electrical vehicle systems and/or maintaining a distance from the components if there is continuing uncertainty concerning the possibility of medical aids malfunctioning.

Only have repairs and maintenance work in the area of the following components carried out by a qualified specialist workshop:

- Vehicle components carrying live voltage
- Transmission antenna
- Multimedia system and sound system

If you have any queries or suggestions, consult a qualified specialist workshop.

Problems with your vehicle

If you should experience a problem with your vehicle, particularly one that you believe may affect its safe operation, we urge you to contact an authorized Mercedes-Benz Center immediately to have the problem diagnosed and recti-

24 General notes

fied. If the problem is not resolved to your satisfaction, please discuss the problem again with an authorized Mercedes-Benz Center or, if necessary, contact us at one of the following addresses:

In the USA:

Mercedes-Benz USA, LLC
Customer Assistance Center
One Mercedes-Benz Drive
Sandy Springs, GA 30328

In Canada:

Mercedes-Benz Canada, Inc.
Customer Relations Department
98 Vanderhoof Avenue
Toronto, Ontario M4G 4C9

Reporting safety defects

USA only:

The following text is published as required of manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575 pursuant to the

"National Traffic and Motor Vehicle Safety Act of 1966".

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Mercedes-Benz USA, LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Mercedes-Benz USA, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to the <https://www.safercar.gov/>; or write to: Administrator, NHTSA, 400 Seventh Street, SW., Washington, DC 20590.; USA.

You can also obtain other information about motor vehicle safety from: <https://www.safercar.gov>

Canada only:

The following text is published as required of manufacturers under subsection 18.4 (4) of the Motor Vehicle Safety Regulations.

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Transport Canada in addition to notifying Mercedes-Benz Canada Inc.

If Transport Canada received similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, Transport Canada cannot become involved in individual problems between you, your dealer or Mercedes-Benz Canada Inc.

To contact Transport Canada, you may call the Defect Investigations and Recalls Division toll-free in Canada at 1-800-333-0510 or 819-994-3328 in the Gatineau-Ottawa area or internationally; you may also go to the following websites for more information:

- English: <https://www.tc.gc.ca/recalls>
- French: <https://www.tc.gc.ca/rappels>

Limited Warranty

! **NOTE** Damage to the vehicle arising from violation of these operating instructions.

Damage to the vehicle can arise from violation of these operating instructions.

This damage is not covered either by the Mercedes-Benz implied warranty or by the New- or Used-Vehicle Warranty.

▶ Follow the instructions in these operating instructions on proper operation of your vehicle as well as on possible vehicle damage.

QR code for rescue card

QR codes are attached 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 the most important information about your

vehicle in a compact form, e.g. the routing of the electric lines.

Further information can be obtained at <https://www.mercedes-benz.de/qr-code>.

Data storage

Electronic control units

Electronic control units are installed in your vehicle. Some of these are necessary for the safe operation of your vehicle, while some assist you when driving (driver assistance systems). In addition, your vehicle provides comfort and entertainment functions, which are also made possible by electronic control units.

Electronic control units contain data memories which can temporarily or permanently store technical information about the vehicle's operating state, component loads, maintenance requirements and technical events or malfunctions.

In general, this information documents the state of a component part, a module, a system or the surroundings such as:

- Operating status of system components (e.g. fill levels, battery status, tire pressure)
- Status messages concerning the vehicle or its individual components (e.g. number of wheel revolutions/speed, longitudinal acceleration, lateral acceleration, display of fastened seat belts)
- Malfunctions or faults in important system components (e.g. lights, brakes)
- Information on events leading to vehicle damage
- System reactions in special driving situations (e.g. airbag deployment, intervention of stability control systems)
- Ambient conditions (e.g. temperature, rain sensor)

In addition to providing the actual control unit function, this data assists the manufacturer in detecting and rectifying malfunctions and optimizing vehicle functions. The majority of this

data is temporary and is only processed in the vehicle itself. Only a small portion of the data is stored in the event or fault memory.

When your vehicle is serviced, technical data from the vehicle can be read out by service network employees (e.g. workshops, manufacturers) or third parties (e.g. breakdown services). Services include, for example, repair services, maintenance processes, warranty claims and quality assurance measures. The read out is performed via the legally prescribed port for the diagnostics connection in the vehicle. The respective service network locations or third parties collect, process and use the data. They document technical statuses of the vehicle, assist in finding faults and improving quality and are transmitted to the manufacturer, if necessary. Furthermore, the manufacturer is subject to product liability. For this, the manufacturer requires technical data from vehicles.

Fault memories in the vehicle can be reset by a service outlet as part of repair or maintenance work.

Depending on the selected equipment, you can import data into vehicle convenience and information functions yourself.

This includes, for example:

- Multimedia data such as music, films or photos for playback in an integrated multimedia system
- Address book data for use in connection with an integrated hands-free system or an integrated navigation system
- Entered navigation destinations
- Data about the use of Internet services

This data can be saved locally in the vehicle or it is located on a device which you have connected to the vehicle (e.g. a smartphone, USB flash drive or MP3 player). If this data is stored in the vehicle, you can delete it at any time. This data is sent to third parties only at your request, particularly when you use online services in accordance with the settings that you have selected.

You can store or change convenience settings/individualization in the vehicle at any time.

Depending on the equipment, this includes, for example:

- Settings for the seat and steering wheel positions
- Suspension and climate control settings
- Customizations such as interior lighting

If your vehicle is accordingly equipped, you can connect your smartphone or another mobile end device to the vehicle. You can control this by means of the control elements integrated in the vehicle. Images and audio from the smartphone can be output via the multimedia system. Certain information is simultaneously transferred to your smartphone.

Depending on the type of integration, this can include:

- General vehicle data
- Position data

This allows you to use selected apps on your smartphone, such as navigation or music playback. There is no further interaction between the smartphone and the vehicle; in particular, vehicle data is not directly accessible. Which type of

further data processing occurs is determined by the provider of the specific app used. Which settings you can make, if any, depends on the specific app and the operating system of your smartphone.

Online services

Wireless network connection

If your vehicle has a wireless network connection, it enables data to be exchanged between your vehicle and additional systems. The wireless network connection is enabled via the vehicle's transmission and reception unit or via connected mobile end devices (e.g. smartphones). Online functions can be used via the wireless network connection. This includes online services and applications/apps provided by the manufacturer or other providers.

Manufacturer's services

Regarding online services of the manufacturer, the individual functions are described by the manufacturer in a suitable place (e.g. Operator's Manual, website of the manufacturer) along with the relevant data protection information. Per-

sonal data may be used for the provision of online services. Data is exchanged via a secure connection, e.g. the manufacturer's designated IT systems. Personal data is collected, processed and used via the provision of services exclusively on the basis of legal permissions or with prior consent.

The services and functions (sometimes subject to a fee) can usually be activated or deactivated. In some cases, this also applies to the entire vehicle's data connection. This excludes, in particular, legally prescribed functions and services.

Third party services

If it is possible to use online services from other providers, these services are the responsibility of the provider in question and subject to that provider's data protection conditions and terms of use. The manufacturer has no influence on the content exchanged.

For this reason, please ask the service provider for information about the type, extent and purpose of the collection and use of personal data when services are provided by third parties.

Multimedia system/Mercedes me connect

If the vehicle is equipped with the multimedia system or Mercedes me connect, additional data about the vehicle's operation, the use of the vehicle in certain situations, and the location of the vehicle may be compiled by the multimedia system or Mercedes me connect.

For additional information please refer to the chapter "Multimedia system" and/or the Mercedes me connect Terms and Conditions.

Event data recorders

USA only:

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an airbag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less.

The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating
- Whether or not the driver and front passenger seat belts were buckled/fastened
- How far (if at all) the driver was depressing the accelerator and/or brake pedal and
- How fast the vehicle was traveling

This data can help provide a better understanding of the circumstances in which accidents and injuries occur. NOTE: EDR data is recorded by your vehicle only if a non-trivial crash situation occurs; no data is recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age and accident location) is recorded. However, other parties, such as law enforcement, could combine EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties that have the special

equipment, such as law enforcement, can read the information by accessing the vehicle or the EDR.

EDR data may be used in civil and criminal matters as a tool in accident reconstruction, accident claims and vehicle safety. Since the Crash Data Retrieval (CDR) tool that is used to extract data from the EDR is commercially available, Mercedes-Benz USA, LLC ("MBUSA") expressly disclaims any and all liability arising from the extraction of this information by unauthorized Mercedes-Benz personnel.

MBUSA will not share EDR data with others without the consent of the vehicle owner or, if the vehicle is leased, without the consent of the lessee. Exceptions to this representation include responses to subpoenas by law enforcement; by federal, state or local government; in connection with or arising out of litigation involving MBUSA or its subsidiaries and affiliates; or, as required by law.

Warning: The EDR is a component of the Restraint System Module. Tampering with, altering, modifying or removing the EDR component

may result in a malfunction of the Restraint System Module and other systems.

State laws or regulations regarding EDRs that conflict with federal regulation are pre-empted. This means that in the event of such conflict, the federal regulation governs. As of December 2016, 17 states have enacted laws relating to EDRs.

Copyright

Free and open source software

Information on license for free and open-source software used in your vehicle can be found on the data carrier in your vehicle document wallet and with updates on the following website:

<https://www.mercedes-benz.com/opensource>

Registered trademarks

- Bluetooth® is a registered trademark of Bluetooth SIG, Inc.
- DTS™ is a registered trademark of DTS, Inc.

- Dolby® and MLP™ are registered trademarks of DOLBY Laboratories.
- ESP® and PRE-SAFE® are registered trademarks of Daimler AG.
- HomeLink® is a registered trademark of Genex Corporation.
- iPod® and iTunes® are registered trademarks of Apple Inc.
- Burmester® is a registered trademark of Burmester Audiosysteme GmbH.
- Microsoft® and Windows Media® are registered trademarks of Microsoft Corporation.
- SIRIUS® is a registered trademark of Sirius XM Radio Inc.
- HD Radio™ is a registered trademark of iBiquity Digital Corporation.
- Gracenote® is a registered trademark of Gracenote, Inc.
- ZAGAT Survey® and related brands are registered trademarks of Zagat Survey, LLC.

Restraint system

Protection provided by the restraint system

The restraint system includes the following components:

- Seat belt system
- Airbags
- Child restraint system

The restraint system can help prevent the vehicle occupants from coming into contact with parts of the vehicle interior in the event of an accident. In the event of an accident, the restraint system can also reduce the forces to which the vehicle occupants are subjected.

A seat belt can only provide the best level of protection if it is worn correctly. Depending on the detected accident situation, Emergency Tensioning Devices and/or airbags supplement the protection offered by a correctly worn seat belt. Emergency Tensioning Devices and/or airbags are not deployed in every accident.

In order for the restraint system to provide the intended level of protection, each vehicle occupant must observe the following information:

- Fasten seat belts correctly.
- Sit in an almost upright seat position with their back against the seat backrest.
- Sit with their feet resting on the floor, if possible.
- Always secure persons under 5 ft (1.50 m) tall in an additional restraint system suitable for Mercedes-Benz vehicles.

However, no system available today can completely eliminate injuries and fatalities in every accident situation. In particular, the seat belt and airbag generally do not protect against objects penetrating the vehicle from the outside. It is also not possible to completely rule out the risk of injury caused by the airbag deploying.

Reduced restraint system protection

⚠ WARNING Risk of injury or death due to modifications to the restraint system


Vehicle occupants may no longer be protected as intended if alterations are made to the restraint system.

- ▶ Never alter the parts of the restraint system.
- ▶ Never tamper with the wiring or any electronic component parts or their software.

If it is necessary to modify the vehicle to accommodate a person with disabilities, contact an authorized Mercedes-Benz Center for details.

USA only: for details, contact our Customer Assistance Center on 1-800-FOR-MERCEdes (1-800-367-6372).



Restraint system functionality

When the ignition is switched on, a self-test is performed, during which the  restraint sys-

tem warning lamp lights up. It goes out no later than a few seconds after the vehicle is started. The components of the restraint system are then functional.

Malfunctioning restraint system

A malfunction has occurred in the restraint system if:

- The  restraint system warning lamp does not light up when the ignition is switched on
- The  restraint system warning lamp lights up continuously or repeatedly during a journey

▲ WARNING Risk of injury due to malfunctions in the restraint system

Components in the restraint system may be activated unintentionally or not deploy as planned in an accident.

- ▶ Have the restraint system checked and repaired immediately at a qualified specialist workshop.

Function of the restraint system in an accident

How the restraint system works is determined by the severity of the impact detected and the type of accident anticipated:

- Frontal impact
- Rear impact
- Side impact
- Rollover

The activation thresholds for the components of the restraint system are determined based on the evaluation of the sensor values measured at various points in the vehicle. This process is pre-emptive in nature. The triggering/deployment of the components of the restraint system must take place in good time at the start of the collision.

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

The vehicle may be deformed significantly without an airbag being deployed. This is the case if

only parts which are relatively easily deformed are affected and the rate of vehicle deceleration is not high. Conversely, an airbag may be deployed even though the vehicle suffers only minor deformation. If very rigid vehicle parts such as longitudinal members are hit, this may result in sufficiently high levels of vehicle deceleration.

Depending on the detected deployment situation, the components of the restraint system can be activated or deployed independently of each other:

- Emergency Tensioning Device: frontal impact, rear impact, side impact, rollover
- Driver's airbag, front passenger airbag: frontal impact
- Knee airbag: frontal impact
- Side airbag: side impact
- Window curtain airbag: side impact, rollover, frontal impact

The front passenger airbag can only be deployed in an accident if the PASSENGER AIR BAG OFF indicator lamp is off. If the front passenger seat

is occupied, make sure, both before and during the journey, that the status of the front passenger airbag is correct (→ page 41).

⚠ WARNING Risk of burns from hot air bag components

The air bag parts are hot after an air bag has been deployed.

- ▶ Do not touch the air bag parts.
- ▶ Have a deployed air bag replaced at a qualified specialist workshop as soon as possible.

Mercedes-Benz recommends that you have the vehicle towed to a qualified specialist workshop after an accident. Take this into account, particularly if an Emergency Tensioning Device is triggered or an airbag deployed.

If the Emergency Tensioning Devices are triggered or an airbag is deployed, you will hear a bang, and a small amount of powder may also be released:

- The bang will not generally affect your hearing.

- In general, the powder released is not hazardous to health but may cause short-term breathing difficulties to persons suffering from asthma or other pulmonary conditions. Provided it is safe to do so, leave the vehicle immediately or open the window in order to prevent breathing difficulties.

Airbags and pyrotechnic Emergency Tensioning Devices contain perchlorate material, which may require special handling or environmental protection measures. National guidelines regarding waste disposal must be observed. In California, see <https://dtsc.ca.gov/>. Using the search function, you will find information on perchlorate, for example.

Seat belts

Protection provided by the seat belt

Always fasten your seat belt correctly before starting a journey. A seat belt can only provide the best level of protection if it is worn correctly.

⚠ WARNING Risk of injury or death due to incorrectly fastened seat belt

If the seat belt is not worn correctly, it cannot perform its intended protective function.

In addition, an incorrectly fastened seat belt can also cause injuries, for example, in the event of an accident or when braking or changing direction suddenly.

- ▶ Always ensure that all vehicle occupants have their seat belts fastened correctly and are sitting properly.

Always observe the instructions about the correct driver's seat position and adjusting the seat (→ page 66).

In order for the correctly worn seat belt to provide the intended level of protection, each vehicle occupant must observe the following information:

- The seat belt must not be twisted and must fit tightly and snugly across the body.

- The seat belt must be routed across the center of the shoulder and as low down across the hips as possible.
- The shoulder section of the seat belt should not touch your neck nor be routed under your arm or behind your back.
- Avoid wearing bulky clothing, e.g. a winter coat.
- Push the lap belt down as far as possible across your hips and pull tight with the shoulder section of the belt. Never route the lap belt across your abdomen.
Pregnant women must also take particular care with this.
- Never route the seat belt across sharp, pointed, abrasive or fragile objects.
- Only one person should use each seat belt at any one time. Never allow babies and children to travel sitting on the lap of another vehicle occupant.
- Never secure objects with a seat belt if the seat belt is also being used by one of the vehicle's occupants. Always observe the instructions for loading the vehicle when

securing objects, luggage or loads (→ page 74).

Also ensure that no objects, e.g. a cushion, are ever placed between a person and the seat.

The seat belt on the front passenger side is equipped with a special seat belt retractor.

Activate or deactivate the child seat safety feature of the seat belt (→ page 48).

If children are traveling in the vehicle, be sure to observe the instructions and safety notes on "Children in the vehicle" (→ page 45).

Limitations of the protection provided by the seat belt

⚠ WARNING Risk of injury or death due to an incorrect seat position

The seat belt does not offer the intended level of protection if you have not moved the seat backrest to an almost vertical position. You could slip beneath the seat belt and injure yourself.

- ▶ Adjust the seat properly before commencing your journey.
- ▶ Always ensure that the seat backrest is in an almost vertical position and that the shoulder belt is routed across the center of your shoulder.

⚠ WARNING Risk of injury or death when additional restraint systems are not used for persons with a smaller stature

Persons under 5 ft (1.50 m) tall cannot wear the seat belt correctly without a suitable additional restraint system.

- ▶ Always secure persons under 5 ft (1.50 m) tall in a suitable restraint system.

⚠ WARNING Risk of injury or death due to damaged or modified seat belts

Seat belts cannot provide protection in the following situations:

- The seat belt is damaged, has been modified, is extremely dirty, bleached or dyed
- The seat belt buckle is damaged or extremely dirty
- Modifications have been made to the Emergency Tensioning Device, seat belt anchorage or seat belt retractor

Seat belts may sustain non-visible damage in an accident, e.g. due to glass splinters.

Modified or damaged seat belts could tear or fail in the event of an accident, for example.

Modified Emergency Tensioning Devices could accidentally trigger or fail to function as intended.

- ▶ Never modify the seat belt system, for example the seat belt, seat belt buckle, Emergency Tensioning Device, seat belt anchorage and seat belt retractor.

- ▶ Make sure that the seat belts are undamaged, not worn and clean.
- ▶ Always have the seat belts checked immediately after an accident at a qualified specialist workshop.

Only use seat belts which have been approved for your vehicle by Mercedes-Benz.

Vehicles with AMG Performance seats

The AMG Performance seat is designed for the standard three-point seat belt. If you install a different multipoint seat belt, e.g. sport or racing seat belts, the restraint system cannot provide the intended level of protection.

⚠ WARNING Risk of injury or fatal injury due to modified seat belt systems

If you feed seat belts through the opening in the seat backrest, the seat backrest may be damaged or may even break in the event of an accident.

- ▶ Only use the standard three-point seat belt.

- ▶ Never modify the seat belt system.

All vehicles

⚠ WARNING Risk of injury or death from deployed pyrotechnic Emergency Tensioning Devices

Pyrotechnic Emergency Tensioning Devices that have been deployed are no longer operational and are unable to perform their intended protective function.

- ▶ Therefore, have deployed pyrotechnic Emergency Tensioning Devices immediately replaced at a qualified specialist workshop.

Mercedes-Benz recommends that you have the vehicle towed to a qualified specialist workshop after an accident.

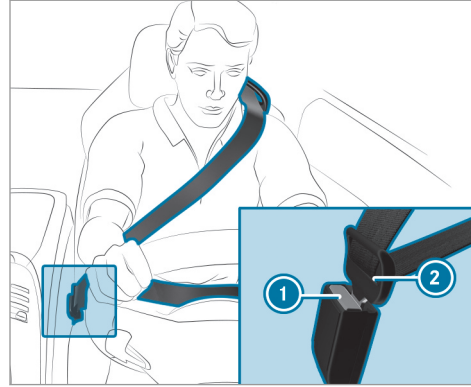
! **NOTE** Damage caused by trapping the seat belt

If an unused seat belt is not fully retracted, it may become trapped in the door or in the seat mechanism.

- ▶ Always ensure that an unused seat belt is fully retracted.

Fastening seat belts

If the seat belt is pulled quickly or sharply, the seat belt retractor locks. The seat belt strap cannot be pulled out any further.



- ▶ Always engage seat belt tongue ② of the seat belt into seat belt buckle ① of the corresponding seat.

Vehicles with automatic front passenger airbag shutoff:

! **NOTE** Deployment of the Emergency Tensioning Device and side air bag when the front passenger seat is unoccupied

If the seat belt tongue is engaged in the seat belt buckle of the unoccupied front passenger seat, the Emergency Tensioning Device and the side air bag may also deploy in the event of an accident along with other systems.

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

Vehicles without automatic front passenger airbag shutoff:

! **NOTE** Deployment of the Emergency Tensioning Device when the front-passenger seat is unoccupied

If the seat belt tongue is engaged in the seat belt buckle of the unoccupied front-passenger seat, the Emergency Tensioning Device may also deploy in the event of an accident along with other systems.

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

Seat belt adjustment function

Vehicles with PRE-SAFE®: If the seat belt is not pulled tightly across your body, the seat belt adjustment may automatically apply a certain tightening force. Do not hold the seat belt tightly while it is adjusting.

You can activate and deactivate the seat belt adjustment function using the multimedia system (→ page 36).

Releasing seat belts

- ▶ Press the release button in the seat belt buckle and guide the seat belt back with the seat belt tongue.


Activating/deactivating seat belt adjustment via the multimedia system


Multimedia system:

- ➔ Vehicle ➔  Vehicle Settings
- ➔ Belt Adjustment

- ▶ Activate or deactivate the function.

Seat belt warning function for the driver and front passenger

The  seat belt warning lamp in the instrument display is a reminder that all vehicle occupants must wear their seat belts correctly.

The  seat belt warning lamp lights up for six seconds every time the vehicle is started.

In addition, a warning tone may sound.

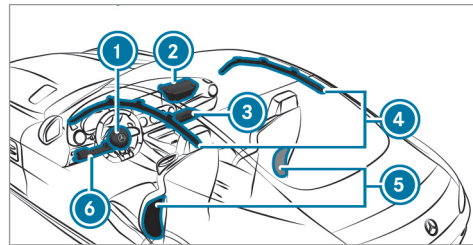
When the driver's and front passenger's doors are closed and the driver and front passenger have fastened their seat belts, the seat belt warning goes out.

In the following cases, the seat belt warning lights up during a journey if:

- The vehicle speed exceeds 15 mph (25 km/h) and the driver's or front passenger seat belt is not fastened.
- The driver or front passenger unfastens their seat belt while the vehicle is in motion.

Airbags

Overview of airbags



- ① Driver's airbag
- ② Front passenger airbag

- ③ Front passenger knee airbag
- ④ Window curtain airbag
- ⑤ Side airbag
- ⑥ Driver's knee airbag

The installation location of an airbag is identified by the AIRBAG symbol.

When enabled, an airbag can provide additional protection for the respective vehicle occupant.

Potential protection provided by each airbag:

- Knee airbag: thigh, knee and lower leg
- Driver's airbag, front passenger airbag: head and ribcage
- Side airbag: ribcage
- Window curtain airbag: head

⚠ WARNING Risk of injury or fatal injuries if the front passenger airbag is enabled

If the front passenger airbag is enabled, a child on the front passenger seat may be struck by the front passenger airbag during an accident.

NEVER use a rearward facing child restraint system on a seat protected by an ENABLED FRONT AIRBAG in front of it, this can result in DEATH or SERIOUS INJURY to the child.

When installing a child restraint system on the front passenger seat, observe the vehicle-specific information (→ page 49). Also, always observe the notes on rearward-facing or forward-facing child restraint systems on the front passenger seat.

Information on automatic front passenger airbag shutoff

The front passenger airbag can only be deployed in an accident if the PASSENGER AIR BAG OFF indicator lamp is off. If the front passenger seat is occupied, make sure, both before and during the journey, that the status of the front passenger airbag is correct (→ page 41).

! **NOTE** Important points to remember if the front passenger seat is unoccupied

In an accident, the components of the restraint system may deploy unnecessarily on the front passenger side if:

- There are heavy objects on the front passenger seat.
- The seat belt tongue is engaged in the seat belt buckle of the front passenger seat and the front passenger seat is unoccupied.

▶ Stow objects in a suitable place.

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

Depending on the detected accident situation, the window curtain airbag on the front passenger side may deploy. The airbag is deployed regardless of whether the front passenger seat is occupied.

Protection provided by the airbags

Depending on the accident situation, an airbag may supplement the protection provided by a correctly fastened seat belt.

⚠ WARNING Risk of injury or death due to an incorrect seat position

If you deviate from the correct seat position, the airbag cannot perform its intended protective function.

Each vehicle occupant must make sure of the following:

- Fasten seat belts correctly. Pregnant women must take particular care to ensure that the lap belt never lies across the abdomen.
 - Adopt the correct seat position and keep as far away as possible from the airbags.
 - Observe the following information.
- ▶ Always make sure that there are no objects between the airbag and vehicle occupant.

To avoid the risks resulting from the deployment of an airbag, each vehicle occupant must observe the following information in particular:

- Before starting your journey, adjust your seat correctly; the driver's seat and front passenger seat should be moved as far back as possible.

When doing so, always observe the information on the correct driver's seat position (→ page 66).

- Only hold the steering wheel by the steering wheel rim. This allows the airbag to be fully deployed.
- Always lean against the seat backrest when the vehicle is in motion. Do not lean forwards or against the door or side window. You may otherwise be in the deployment area of the airbags.
- Always keep your feet on the floor. Do not put your feet on the cockpit, for example. Your feet may otherwise be in the deployment area of the airbag.
- If children are traveling in the vehicle, observe the additional notes (→ page 45).

- Always stow and secure objects correctly.

Objects in the vehicle interior may prevent an airbag from functioning correctly. Each vehicle occupant must always make sure of the following in particular:

- There are no people, animals or objects between the vehicle occupants and an airbag.
- There are no objects between the seat, door and door pillar (B-pillar).
- There are no hard objects, e.g. coat hangers, hanging on the grab handles or coat hooks.
- There are no accessory parts, such as mobile navigation devices, mobile phones or cup holders, attached to the vehicle within the deployment area of an airbag, e.g. on the cockpit, on the door, on the side window or on the side wall trim.

In addition, no connecting cables, tensioning straps or retaining straps must be routed or attached to the vehicle within the deployment area of an airbag. Always comply with the accessory manufacturer's installation

instructions and, in particular, the notes on suitable places for installation.

- There are no heavy, sharp-edged or fragile objects in the pockets of your clothing. Store such objects in a suitable place.

Limited protection provided by airbags

⚠ WARNING Risk of injury due to modifications to the cover of an airbag

If you modify the cover of an airbag or affix objects such as stickers to it, the airbag may no longer function correctly.

- ▶ Never modify the cover of an airbag and do not affix objects to it.

The installation location of an airbag is identified by the AIRBAG symbol (→ page 36).

⚠ WARNING Risk of injury or death due to the use of unsuitable seat covers

Due to unsuitable seat covers, the airbags cannot protect vehicle occupants as intended.

In addition, the operation of the automatic front passenger airbag shutoff could be restricted.

- ▶ You should only use seat covers that have been approved for the corresponding seats by Mercedes-Benz.

⚠ WARNING Risk of injury due to malfunctioning sensors in the door

The function of the airbags can be impaired due to modifications or incorrect work performed on the doors or door trim, or if the doors are damaged.

- ▶ Never modify the doors or parts of the doors.

- ▶ Always have work on the doors or door trim carried out at a qualified specialist workshop.

⚠ WARNING Risk of injury due to deployed airbag

A deployed airbag no longer offers any protection.

- ▶ Have the vehicle towed to a qualified specialist workshop in order to have the deployed airbag replaced.

Have deployed airbags replaced immediately.

Status of the front passenger front airbag

Function of the automatic front passenger airbag shutoff

The automatic front passenger front airbag shutoff is able to detect whether the front passenger seat is occupied by a person or a child restraint system. The front passenger airbag and front passenger knee airbag are enabled or disabled accordingly.

▲ WARNING Risk of injury or death due to objects under the co-driver seat

Objects trapped under the co-driver seat can interfere with the function of the automatic co-driver airbag shutoff or damage the system.

- ▶ Do not store any objects under the co-driver seat.
- ▶ When the co-driver seat is occupied, make sure that no objects are trapped under the co-driver seat.

When installing a child restraint system on the front passenger seat, always make sure of the following:

- Ensure that the child restraint system is positioned correctly (→ page 44).
- Always comply with the child restraint system manufacturer's installation instructions.
- Never place objects (e.g. cushions) under or behind the child restraint system.
- Fully retract the seat cushion length adjustment.

- The entire base of the child restraint system must always rest on the sitting surface of the front passenger seat.
- The backrest of the forward-facing child restraint system must, as far as possible, be resting on the seat backrest of the front passenger seat.
- The child restraint system must not touch the roof or be put under strain by the head restraints. Adjust the seat backrest inclination and the head restraint setting accordingly.

▲ WARNING Risk of injury or death due to objects between the seat surface and the child restraint system

Objects between the sitting surface and the child restraint system could affect the function of the automatic front passenger airbag shutoff.

- ▶ Do not place any objects between the sitting surface and the child restraint system.

- ▶ The entire base of the child restraint system must always rest on the sitting surface of the front passenger seat.
- ▶ The backrest of the forward-facing child restraint system must, as far as possible, be resting on the seat backrest of the front passenger seat.
- ▶ Always comply with the child restraint system manufacturer's installation instructions.

A person on the front passenger seat must observe the following information:

- Fasten seat belts correctly (→ page 32).
- Sit in an almost upright seat position with their back against the seat backrest.
- Sit with their feet resting on the floor, if possible.

The front passenger airbag may otherwise be disabled by mistake, for example, in the following situations:

- The front passenger transfers their weight by supporting themselves on a vehicle armrest.

- The front passenger sits in such a way that their weight is raised from the sitting surface.

⚠ WARNING Risk of injury or death due to a disabled front passenger airbag

The front passenger airbag is disabled when the PASSENGER AIR BAG OFF indicator lamp is lit.

A person in the front passenger seat could then, for example, come into contact with the vehicle interior, especially if the person is sitting too close to the cockpit.

If the front passenger seat is occupied, always ensure that:

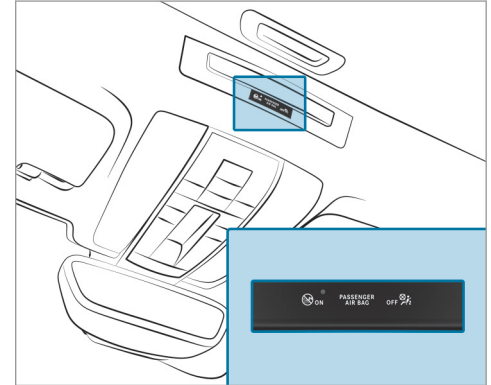
- The classification of the person in the front passenger seat is correct and the front passenger airbag is enabled or disabled in accordance with the person in the front passenger seat.
- The front passenger seat has been moved as far back as possible.
- The person is seated correctly.

- ▶ Both before and during the journey, ensure that the status of the front passenger airbag is correct.

If the front passenger seat is occupied, the classification of the person or child restraint system on the front passenger seat takes place after the front passenger airbag shutoff self-test. The PASSENGER AIR BAG indicator lamps display the status of the front passenger airbag.

Always observe the notes on the function of the PASSENGER AIR BAG indicator lamps (→ page 41).

Function of the PASSENGER AIR BAG indicator lamps




Self-test of automatic front passenger airbag shutoff

When the ignition is switched on, a self-test is performed during which the two PASSENGER AIR BAG ON and OFF indicator lamps light up simultaneously.

The status of the front passenger airbag is displayed via the PASSENGER AIR BAG indicator lamps after the self-test:

- **ON is lit:** the front passenger airbag may deploy during an accident.
The indicator lamp goes out after approximately 60 seconds.
- **ON and OFF are not lit:** the front passenger airbag may deploy during an accident.
- **OFF is lit:** the front passenger airbag is disabled. It will then not be deployed in the event of an accident.

If the PASSENGER AIR BAG ON indicator lamp is off, only the PASSENGER AIR BAG OFF indicator lamp shows the status of the front passenger airbag. The PASSENGER AIR BAG OFF indicator lamp may be lit continuously or be off.

If the PASSENGER AIR BAG OFF indicator lamp and the  restraint system warning lamp light up simultaneously, the front passenger seat may not be used. Also in this case, do not install a child restraint system on the front passenger seat. Have the automatic front passenger airbag

shutoff checked and repaired immediately at a qualified specialist workshop.

Status display

If the front passenger seat is occupied, ensure, both before and during the journey, that the status of the front passenger airbag is correct for the current situation.

After installing a rearward-facing child restraint system on the front passenger

seat: PASSENGER AIR BAG OFF must be lit continuously.



WARNING Risk of injury or death when using a rearward-facing child restraint system while the front passenger airbag is enabled

If you secure a child in a rearward-facing child restraint system on the front passenger seat and the PASSENGER AIR BAG OFF indicator lamp is off, the front passenger airbag can deploy in the event of an accident.

The child could be struck by the airbag.

Always ensure that the front passenger airbag is disabled. The PASSENGER AIR BAG OFF indicator lamp must be lit.

NEVER use a rearward-facing child restraint system on a seat with an ENABLED FRONT AIRBAG; DEATH or SERIOUS INJURY to the CHILD can occur.

When installing a child restraint system on the front passenger seat, observe the vehicle-specific information (→ page 49).

Depending on the child restraint system and the stature of the child, the PASSENGER AIR BAG OFF indicator lamp may be off. In this case, do not install the rearward-facing child restraint system on the front passenger seat.

After installing a forward-facing child restraint system on the front passenger

seat: depending on the child restraint system and the stature of the child, PASSENGER AIR BAG OFF may be lit continuously or be off. Always observe the following information.

▲ WARNING Risk of injury or death due to incorrect positioning of the child restraint system

If you secure a child in a forward-facing child restraint system on the front passenger seat that is positioned too close to the cockpit, in the event of an accident, the child could:

- come into contact with the vehicle interior if the PASSENGER AIR BAG OFF indicator lamp is lit, for example
- be struck by the airbag if the PASSENGER AIR BAG OFF indicator lamp is off.

▶ Always move the front passenger seat as far back as possible. Always make sure that the shoulder belt strap is correctly routed from the seat belt guide on the vehicle to the shoulder belt guide on the child restraint system. The shoulder belt strap must be routed forwards and downwards from the seat belt guide.

▶ Always comply with the child restraint system manufacturer's installation instructions.

When installing a child restraint system on the front passenger seat, observe the vehicle-specific information (→ page 49).

If a person is sitting on the front passenger seat: PASSENGER AIR BAG OFF may be lit continuously or be off, depending on the person's stature.

A person on the front passenger seat must always observe the following information:

- If the front passenger seat is occupied by an adult or a person with a stature corresponding to that of an adult, the PASSENGER AIR BAG OFF indicator lamp must be off. This indicates that the front passenger airbag is enabled.

If the PASSENGER AIR BAG OFF indicator lamp is lit continuously, an adult or person with a build corresponding to that of an adult should not use the front passenger seat.

- If the front passenger seat is occupied by a person of smaller stature (e.g. a teenager or small adult), the PASSENGER AIR BAG OFF indicator lamp either lights up continuously or remains off, depending on the classification.

- If the PASSENGER AIR BAG OFF indicator lamp is off: move the front passenger seat as far back as possible.
- If the PASSENGER AIR BAG OFF indicator lamp is lit continuously: the person of smaller stature should not use the front passenger seat.

▲ WARNING Risk of injury or death when the PASSENGER AIR BAG OFF indicator lamp is lit

If the PASSENGER AIR BAG OFF indicator lamp remains lit after the self-test, the front passenger airbag is disabled.

If the front passenger seat is occupied, always ensure that:

- The classification of the person in the front passenger seat is correct and the front passenger airbag is enabled or disabled in accordance with the person in the front passenger seat.
- The person is seated properly with a correctly fastened seat belt.

Be sure to also observe the following further related subjects:

- Securing the child restraint system on the front passenger seat (→ page 49)

PRE-SAFE® system

PRE-SAFE® (anticipatory occupant protection)

PRE-SAFE® is able to detect certain critical driving situations and implement pre-emptive measures to protect the vehicle occupants.

PRE-SAFE® can implement the following measures independently of each other:

- Tightening the seat belts on the driver's seat and front passenger seat.
- Closing the side windows.
- **Vehicles with memory function:** Move the front passenger seat to a more favorable seat position.
- PRE-SAFE® Sound: provided that the multimedia system is switched on, generates a brief noise signal to stimulate the innate protective mechanism of a person's hearing.

! **NOTE** Damage caused by objects in the footwell or behind the seat

The automatic adjustment of the seat position may result in damage to the seat and/or the object.

▶ Stow objects in a suitable place.

Reversing the PRE-SAFE® system measures

If an accident did not occur, the pre-emptive measures that were taken are reversed.

You will need to perform certain settings yourself.

- ▶ If the seat belt pre-tensioning is not reduced, move the seat backrest back slightly. The locking mechanism releases.

Safely transporting children in the vehicle

Always observe when children are traveling in the vehicle

- ⓘ Also strictly observe the safety notes for the specific situation. In this way you can recognize potential risks and avoid dangers if children are traveling in the vehicle (→ page 45).

Be diligent

Bear in mind that negligence when securing a child in the child restraint system may have serious consequences. Always be diligent in securing a child carefully before every journey.

To improve protection for children younger than twelve years old or under 5 ft (1.50 m) in height, Mercedes-Benz recommends you observe the following information:

- Always secure the child in a child restraint system suitable for this Mercedes-Benz vehicle.
- The child restraint system must be appropriate to the age, weight and size of the child.
- The vehicle seat must be suitable for installing a child restraint system.

The generic term child restraint system

The generic term child restraint system is used in this Operator's Manual. A child restraint system is, for example:

- A baby car seat
- A rearward-facing child seat
- A forward-facing child seat
- A child booster seat with a backrest and seat belt guide

The child restraint system must be appropriate to the age, weight and size of the child.

Observe laws and legal requirements

Always observe the legal requirements when using a child restraint system in the vehicle.

Observe standards for child restraint systems

All child restraint systems must meet the following standards:

- U.S. Federal Motor Vehicle Safety Standards 213 and 225
- Canadian Motor Vehicle Safety Standards 213 and 210.2

Confirmation that the child restraint system complies with the standards can be found on an instruction label on the child restraint system. This confirmation can also be found in the installation instructions that are included with the child restraint system.

Detecting risks, avoiding danger

Securing systems for child restraint systems in the vehicle

Only use the following securing systems for child restraint systems:

- The vehicle's seat belt system

A booster seat may be necessary to achieve proper seat belt positioning for children over 40 lbs (18 kg) in weight or until they reach a height where a three-point seat belt can be installed properly without a booster seat.

Mercedes-Benz recommends a suitable child booster seat with a backrest and seat belt guide.

Advantage of a rearward-facing child restraint system

It is preferable to transport a baby or a small child in a suitable rearward-facing child restraint system. In this case, the child sits in the opposite direction to the direction of travel and faces backwards.

Babies and small children have comparatively weak neck muscles in relation to the size and weight of their head. The risk of injury to the cer-

vical spine during an accident can be reduced in a rearward-facing child restraint system.

Always secure a child restraint system correctly

⚠ WARNING Risk of injury or death due to incorrect installation of the child restraint system

The child can then not be protected or restrained as intended.

- ▶ Be sure to comply with the manufacturer's installation instructions for the child restraint system and its correct use.
- ▶ Make sure that the entire base of the child restraint system always rests on the sitting surface of the seat.
- ▶ Never place objects (e.g. cushions) under or behind the child restraint system.
- ▶ Use child restraint systems only with the original cover designed for them.

- ▶ Always replace damaged covers with genuine covers.

⚠ WARNING Risk of injury or death due to unsecured child restraint systems in the vehicle

If the child restraint system is incorrectly installed or not secured, it can come loose.

The child restraint system could be flung around and hit vehicle occupants.

- ▶ Always install child restraint systems correctly, even when not in use.
- ▶ Always comply with the child restraint system manufacturer's installation instructions.

- Always observe the child restraint system manufacturer's installation and operating instructions as well as the vehicle-specific information:
 - Securing the child restraint system with the seat belt on the front passenger seat (→ page 50). Observe the specific

instructions for the rearward-facing and forward-facing child restraint systems (→ page 49).

If the front passenger seat is occupied, ensure, both before and during the journey, that the status of the front passenger airbag is correct for the current situation (→ page 41).

- Observe the warning labels in the vehicle interior and on the child restraint system.

Do not modify the child restraint system

⚠ WARNING Risk of injury due to modifications to the child restraint system

The child restraint system can no longer function properly. This poses an increased risk of injury.

- ▶ Never modify a child restraint system.
- ▶ Only affix accessories which have been specially approved for this child restraint system by the child restraint system's manufacturer.

Only use child restraint systems which are in proper working condition

⚠ WARNING Risk of injury or death caused by the use of damaged child restraint systems

Child restraint systems or their retaining systems that have been subjected to stress in an accident may not be able to perform their intended protective function.

It may be the case that the child cannot be properly restrained.

- ▶ Always immediately replace child restraint systems that have been damaged or involved in an accident.
- ▶ Have the securing systems for the child restraint systems checked at a qualified specialist workshop before installing a child restraint system again.

Avoid direct sunlight

⚠ WARNING Risk of burns when the child seat is exposed to direct sunlight

If the child restraint system is exposed to direct sunlight or heat, parts could heat up. Children could suffer burns from these parts, particularly on the metallic parts of the child restraint system.

- ▶ Always make sure that the child restraint system is not exposed to direct sunlight.
- ▶ Protect the child restraint system, e.g. with a blanket.
- ▶ If the child restraint system has been exposed to direct sunlight, allow it to cool before securing a child in it.
- ▶ Never leave children unattended in the vehicle.

Observe when stopping or parking

⚠ WARNING Risk of accident and injury due to children left unattended in the vehicle

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

- Open doors, thereby endangering other persons or road users.
- Get out and be struck by oncoming traffic.
- Operate vehicle equipment and become trapped, for example.

In addition, the children could also set the vehicle in motion, for example by:

- Releasing the parking brake.
 - Changing the transmission position.
 - Starting the vehicle.
- ▶ Never leave children unattended in the vehicle.

- ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
- ▶ Keep the vehicle SmartKey out of reach of children.

⚠ WARNING Risk of fatal injury due to exposure to extreme heat or cold in the vehicle

If people – particularly children – are exposed to extreme temperatures over an extended period of time, there is a risk of serious or even fatal injury.

- ▶ Never leave anyone – particularly children – unattended in the vehicle.
- ▶ Never leave animals in the vehicle unattended.

Overview of suitable seats in the vehicle for installing a child restraint system

Front passenger seat, securing system:

-  Vehicle seat belt

Observe the specific instructions for the rearward-facing and forward-facing child restraint systems. If the front passenger seat is occupied, ensure, both before and during the journey, that the status of the front passenger airbag is correct for the current situation (→ page 41).

Observe the notes on automatic front passenger airbag shutoff (→ page 39)

Activating or deactivating the special seat belt retractor of the seat belt

⚠ WARNING Risk of injury or death if a seat belt is unfastened while the vehicle is in motion

If the seat belt is released while the vehicle is in motion, the child safety lock is deactivated and the child restraint system is no longer correctly secured. The seat belt is retracted slightly by the inertia reel and cannot be immediately fastened again.

- ▶ Stop the vehicle immediately in accordance with the traffic conditions.
- ▶ Activate the special seat belt retractor again and correctly secure the child restraint system.

When enabled, the special seat belt retractor ensures that the seat belt of the front passenger seat does not slacken once the child restraint system is secured.

The seat belt on the front passenger side is equipped with a special seat belt retractor.

- ▶ **To install a child restraint system:** when installing a child restraint system, always observe the manufacturer's installation and operating instructions as well as the information in this Operator's Manual.
- ▶ Pull the seat belt smoothly from the seat belt outlet.
- ▶ Engage the seat belt tongue in the seat belt buckle.

- ▶ **To activate the special seat belt retractor:** pull the seat belt out fully and let the inertia reel retract it again. When the special seat belt retractor is activated, you will hear a ratcheting sound.
- ▶ Push the child restraint system down until the seat belt sits tightly.
- ▶ **To deactivate the special seat belt retractor:** press the release button of the seat belt buckle.
- ▶ Hold the seat belt tongue and guide back to the seat belt outlet.

Securing the child restraint system with the seat belt

Notes on rearward-facing and forward-facing child restraint systems on the front passenger seat

⚠ WARNING Risk of injury or fatal injury when using a child restraint system while the front passenger airbag is enabled

If you secure a child in a child restraint system on the front passenger seat and the PASSENGER AIR BAG ON indicator lamp is lit, the front passenger airbag can deploy in the event of an accident.

The child could be struck by the airbag.

- ▶ In this case, always ensure that the front passenger airbag is disabled. The PASSENGER AIR BAG OFF indicator lamp must be lit.

NEVER use a rearward-facing child restraint system on a seat with an ENABLED FRONT airbag, DEATH or SERIOUS INJURY to the CHILD can occur.

Observe the specific instructions for the rearward-facing and forward-facing child restraint systems (→ page 50).

Always observe the status of the front passenger airbag on the PASSENGER AIR BAG OFF indicator lamp:

- When using a rearward-facing child restraint system on the front passenger seat, the front passenger airbag must always be disabled. This is only the case if the PASSENGER AIR BAG OFF indicator lamp is lit continuously (→ page 41).
- If the PASSENGER AIR BAG OFF indicator lamp is off, the front passenger airbag is enabled. The front passenger airbag may deploy during an accident.

Securing the child restraint system with the seat belt on the front passenger seat

When installing a belt-secured child restraint system on the front passenger seat, always observe the following:

- ✔ Observe the notes on rearward-facing and forward-facing child restraint systems on the front passenger seat (→ page 49).
- ✔ Observe the child restraint system manufacturer's installation and operating instructions.
- ✔ The backrest of the forward-facing child restraint system must, as far as possible, be resting on the seat backrest of the front passenger seat.
- ✔ For certain child restraint systems in weight category II or III, there may be restrictions on the maximum size setting, e.g. due to possible contact with the roof.
- ✔ The child restraint system must not be put under load between the roof and the seat cushion and/or be installed facing the wrong direction.

- ✔ The child restraint system must not be put under strain by the head restraint. Adjust the head restraints as appropriate.
- ✔ Never place objects (e.g. cushions) under or behind the child restraint system.

The seat belt on the front passenger side is equipped with a special seat belt retractor.

When enabled, the special seat belt retractor ensures that the seat belt does not slacken once the child seat is secured (→ page 48).

- ▶ Set the front passenger seat as far back as possible and move the seat into the highest position if possible.
- ▶ Set the seat backrest to the most vertical position possible.
- ▶ Install the child restraint system. The entire base of the child restraint system must always rest on the sitting surface of the front passenger seat.
- ▶ Always make sure that the shoulder belt strap is correctly routed from the seat belt

outlet of the vehicle to the shoulder belt guide on the child restraint system. The shoulder belt strap must be routed forwards and downwards from the seat belt outlet.

- ▶ If necessary, adjust the front passenger seat accordingly.

Notes on pets in the vehicle

⚠ WARNING Risk of accident and injury due to animals left unsecured or unattended in the vehicle

If you leave animals in the vehicle unattended or unsecured, they could possibly press buttons or switches.

An animal may:

- Activate vehicle equipment and become trapped, for example
- Switch systems on or off and endanger other road users

Unsecured animals may be thrown around in the vehicle in the event of an accident or sudden steering and braking maneuvers and injure vehicle occupants in the process.

- ▶ Never leave animals in the vehicle unattended.
- ▶ Always correctly secure animals while driving, e.g. using a suitable animal carrier.

SmartKey

Overview of SmartKey functions

⚠ WARNING Risk of accident and injury due to children left unattended in the vehicle

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

- Open doors, thereby endangering other persons or road users.
- Get out and be struck by oncoming traffic.
- Operate vehicle equipment and become trapped, for example.

In addition, the children could also set the vehicle in motion, for example by:

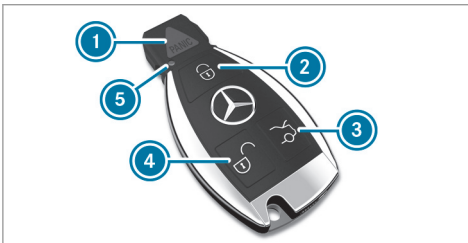
- Releasing the parking brake.
- Changing the transmission position.
- Starting the vehicle.

▶ Never leave children unattended in the vehicle.

- ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
- ▶ Keep the vehicle SmartKey out of reach of children.



! NOTE Damage to the SmartKey caused by magnetic fields

- ▶ Keep the SmartKey away from strong magnetic fields.



- ① Panic alarm
- ② Locks

- ③ Opens the tailgate
- ④ Unlocks
- ⑤ Battery check lamp

i If indicator lamp ⑤ does not light up after pressing the  or  button, the battery is weak or possibly discharged. Replace the battery as soon as possible.

Replacing the SmartKey battery (→ page 54).

The SmartKey locks and unlocks the following components:

- The doors
- The fuel filler flap
- The tailgate

If the vehicle is not opened within approximately 40 seconds after unlocking, it locks again. Anti-theft protection is armed again.

Do not keep the SmartKey together with electronic devices or metal objects. This can affect the SmartKey's functionality.

Activating/deactivating the acoustic locking verification signal

Multimedia system:

↳ Vehicle ▶▶  Vehicle Settings

▶▶ Acoustic Lock

▶ Activate or deactivate the function.

Activating/deactivating the panic alarm

Requirements:



- The ignition is switched off.




- ▶ **To activate:** press button ① for approximately one second. A visual and audible alarm is triggered.
 - ▶ **To deactivate:** briefly press button ① again.
- or
- ▶ Press the start/stop button on the cockpit (the SmartKey is inside the vehicle).

Changing the unlocking settings

Possible unlocking functions of the SmartKey:

- Central unlocking
 - Unlocking the driver's door and fuel filler flap
- ▶ **To switch between settings:** press the  and  buttons simultaneously for approximately six seconds until the indicator lamp flashes twice.


Options if the unlocking function for the driver's door and fuel filler flap has been selected:

- **To unlock the vehicle centrally:** press the  button twice.
- **Vehicles with KEYLESS-GO:** if you touch the inner surface of the door handle on the

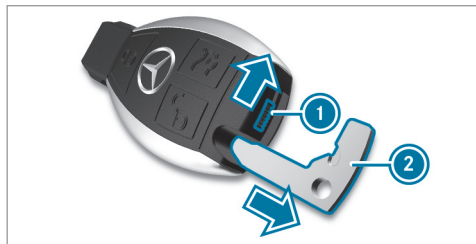
driver's door, only the driver's door and fuel filler flap are unlocked.

Deactivating the SmartKey functions

If you do not use the vehicle or a SmartKey for an extended period of time, you can reduce the energy consumption of the respective SmartKey. To do so, deactivate the SmartKey functions.

- ▶ **To deactivate:** press the  button on the SmartKey twice in quick succession. The SmartKey indicator lamp flashes twice briefly and lights up once.
 - ▶ **To activate:** press any button on the SmartKey.
- ① When the vehicle is started with the SmartKey in the marked space of the center console, the SmartKey functions are automatically activated (→ page 95).

Removing/inserting the emergency key



- ▶ **To remove:** push release catch ① in the direction of the arrow and simultaneously pull emergency key ② completely out of the SmartKey.
- ▶ **To insert:** push emergency key ② fully into the SmartKey until it engages. Release catch ① must then be back in the basic position.

Replacing the SmartKey battery

⚠ DANGER Serious damage to health caused by swallowing batteries

Batteries contain toxic and corrosive substances. Swallowing batteries may cause serious damage to health.

There is a risk of fatal injury.

- ▶ Keep batteries out of the reach of children.
- ▶ If batteries are swallowed, seek medical attention immediately.

🔥 ENVIRONMENTAL NOTE Environmental damage due to improper disposal of batteries



Batteries contain pollutants. It is illegal to dispose of them with the household rubbish.



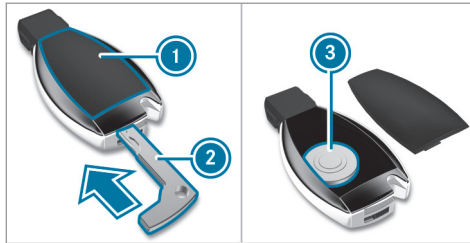
Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.

Requirements:

- You require a CR 2025 3 V cell battery.

Mercedes-Benz recommends that you have the battery replaced at a qualified specialist workshop.

- ▶ Remove the emergency key (→ page 54).



- ▶ Press emergency key ② into the opening in the SmartKey in the direction of the arrow until battery compartment cover ① opens. When doing so, do not hold battery compartment cover ① shut.
- ▶ Remove battery compartment cover ①.
- ▶ Repeatedly tap the SmartKey against your palm until battery ③ falls out of the SmartKey.
- ▶ Insert the new battery with the positive pole facing upwards. Use a lint-free cloth to do so.
- ▶ Make sure that the surface of the battery is free of lint, grease and other impurities.

- ▶ Insert the front tabs of battery compartment cover ① into the housing and then press to close it.
- ▶ Insert emergency key ② into the SmartKey.

Problems with the SmartKey

You can no longer lock or unlock the vehicle

Possible causes:

- The SmartKey battery is weak or discharged.
 - The SmartKey is faulty.
- ▶ Check the battery using the indicator lamp (→ page 52).
 - ▶ Replace the SmartKey battery, if necessary (→ page 54).
 - ▶ Use the emergency key to lock or unlock (→ page 54).
 - ▶ Have the SmartKey checked at a qualified specialist workshop.

There is interference from a powerful radio signal source

The SmartKey function is impaired by, for example:

- High voltage power lines
- Mobile phones
- Electronic devices (notebooks, tablets)
- Shielding due to metal objects or induction loops for electrical gate systems or automatic barriers

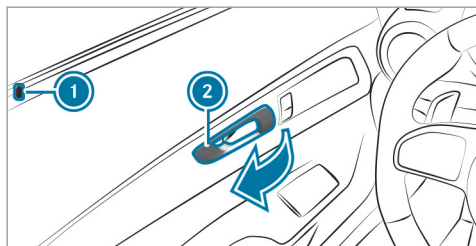
- ▶ Make sure that there is a sufficient distance between the SmartKey and the potential source of interference.

You have lost a SmartKey

- ▶ Have the SmartKey deactivated at a qualified specialist workshop.
- ▶ If necessary, have the mechanical lock replaced as well.

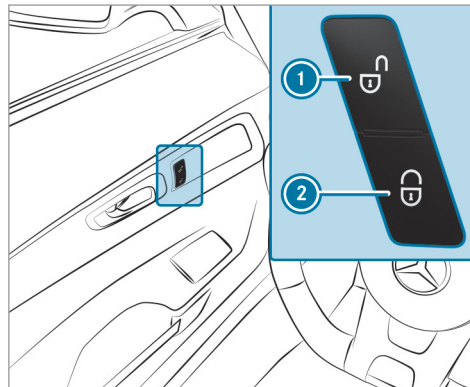
Doors

Unlocking and opening doors from the inside



- ▶ Pull door handle. ②.
- Locking pin ① pops up when the door is unlocked.

Centrally locking and unlocking the vehicle from the inside



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

This does not lock or unlock the fuel filler flap.

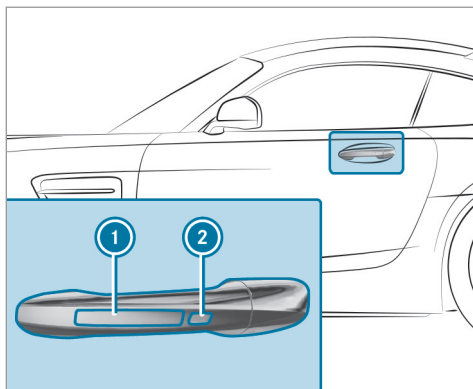
The vehicle is not unlocked:

- If you have locked the vehicle using the SmartKey.
- If you have locked the vehicle using KEY-LESS-GO.

Locking/unlocking the vehicle with KEY-LESS-GO

Requirements:

- The SmartKey is outside the vehicle.
- The distance between the SmartKey and the vehicle does not exceed 3 ft (1 m).
- The driver's door and the door at which the door handle is used are closed.



▶ **To unlock the vehicle:** touch the inner surface of the door handle.

▶ **To lock the vehicle:** touch sensor surface ① or ②.

▶ **Convenience closing:** touch recessed sensor surface ② until the closing process has been completed.

ⓘ Further information on convenience closing (→ page 62).

If you open the tailgate from outside, it is automatically unlocked.

Problems with KEYLESS-GO

You can no longer lock or unlock the vehicle using KEYLESS-GO.

Possible causes:

- The SmartKey functions have been deactivated.
 - The SmartKey battery is weak or discharged.
 - The SmartKey is faulty.
- ▶ Activate the key functions (→ page 53).
- ▶ Check the battery using the indicator lamp (→ page 52).
- ▶ Replace the SmartKey battery, if necessary (→ page 54).
- ▶ Use the emergency key to lock or unlock (→ page 58).
- ▶ Have the vehicle and SmartKey checked at a qualified specialist workshop.

There is interference from a powerful radio signal source

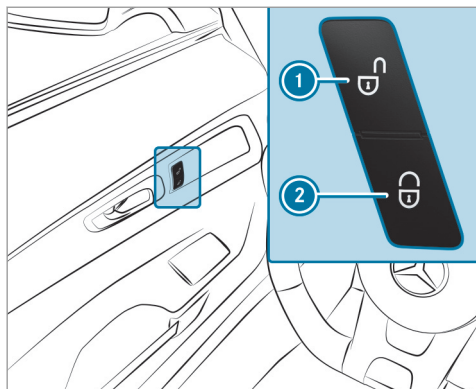
The KEYLESS-GO function is impaired by, for example:

- High voltage power lines
- Mobile phones
- Electronic devices (notebooks, tablets)
- Shielding due to metal objects or induction loops for electrical gate systems or automatic barriers

▶ Make sure that there is a sufficient distance between the SmartKey and the potential source of interference.

Activating/deactivating the automatic locking feature

The vehicle is locked automatically when the ignition is switched on and the wheels are turning faster than walking pace.



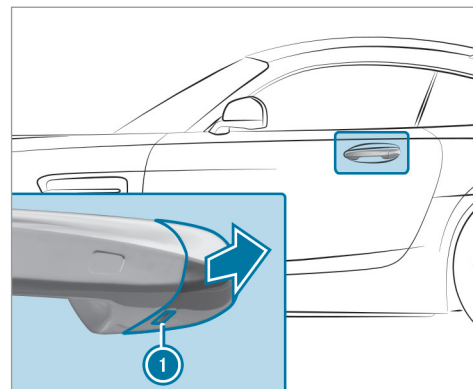
- ▶ **To activate:** press and hold button ② for approximately five seconds until an acoustic signal sounds.
- ▶ **To deactivate:** press and hold button ① for approximately five seconds until an acoustic signal sounds.

In the following situations, there is a danger of being locked out when the function is activated:

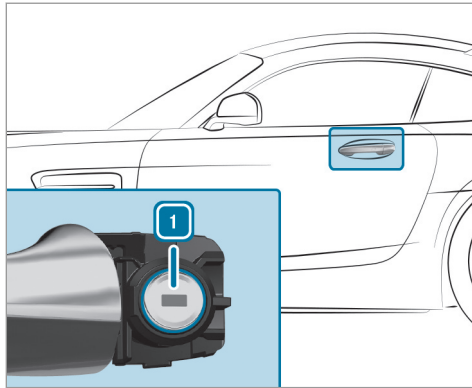
- While the vehicle is being tow started/ pushed.
- If the vehicle is being tested on a roller dynamometer.

Locking/unlocking the driver's door with the emergency key

- ① If you wish to lock the vehicle entirely using the emergency key, first press the button for locking from the inside while the driver's door is open. Then proceed to lock the driver's door using the emergency key.



- ▶ Remove the emergency key (→ page 54).
- ▶ Insert the emergency key as far as it will go into opening ① in the cover.
- ▶ Pull and hold the door handle.
- ▶ Pull the cover on the emergency key as straight as possible away from the vehicle until it releases.
- ▶ Release the door handle.



- ▶ **To unlock:** turn the emergency key counter-clockwise to position 1.
- ▶ **To lock:** turn the emergency key clockwise to position 1.
- ▶ Carefully press the cover onto the lock cylinder until it engages and is seated firmly.

Cargo compartment

Opening the tailgate

⚠ DANGER Risk of exhaust gas poisoning

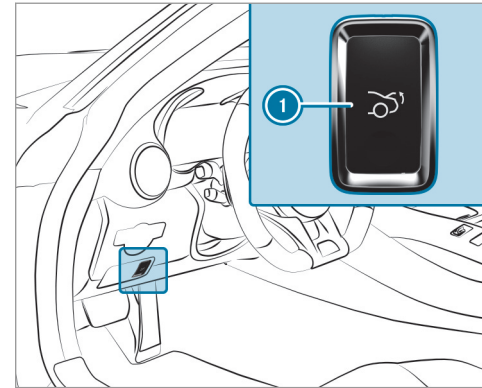
Combustion engines emit poisonous exhaust gases such as carbon monoxide. Exhaust gases can enter the vehicle interior if the tailgate is open when the engine is running, especially if the vehicle is in motion.


- ▶ Always switch off the engine before opening the tailgate.
- ▶ Never drive with the tailgate open.

⚠ NOTE Damage to the tailgate caused by obstacles above the vehicle

The tailgate swings rearwards and upwards when it is opened.

- ▶ Make sure that there is sufficient space behind and above the tailgate.



- ▶ Press remote operating switch 1 for the tailgate.
- ▶ Press the  button on the SmartKey. The tailgate will open slightly.

Closing the tailgate

⚠ WARNING Risk of injury from unsecured items in the vehicle

If objects, luggage or loads are not secured or not secured sufficiently, they could slip, tip over or be thrown around and thereby hit vehicle occupants.

There is a risk of injury, particularly in the event of sudden braking or a sudden change in direction.

- ▶ Always stow objects in such a way that they cannot be thrown around.
- ▶ Before the journey, secure objects, luggage or loads against slipping or tipping over.

Observe the notes on loading the vehicle.

! **NOTE** Damage to the rear wing caused when the tailgate is closed

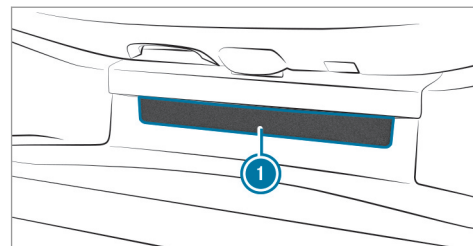
If the rear wing is used to pull down and close the tailgate, the rear wing may be damaged.

- ▶ Pull the tailgate down using the loop and push it closed.

Releasing the tailgate in an emergency

Requirements:

- The warning triangle has been removed from the warning triangle holder.
- ▶ Climb into the cargo compartment from the vehicle interior.



- ▶ Press carpet ① down.
- ▶ Pull the cable behind carpet ① until the tailgate unlocks.

Side windows

Opening and closing the side windows

⚠ WARNING Risk of entrapment when opening a side window

When opening a side window, parts of the body could be drawn in or become trapped between the side window and window frame.

- ▶ When opening, make sure that nobody is touching the side window.
- ▶ If someone is trapped, release the button immediately or pull it in order to close the side window again.

⚠ WARNING Risk of becoming trapped when closing a side window

When closing a side window, body parts could be trapped in the closing area in the process.

- ▶ When closing, make sure that no body parts are in the closing area.
- ▶ If someone is trapped, release the button immediately or press the button in order to reopen the side window.

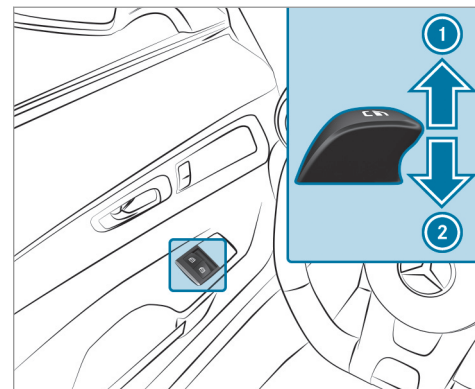
⚠ WARNING Risk of becoming trapped when children operate the side windows

Children could become trapped if they operate the side windows, particularly when unattended.

- ▶ Never leave children unattended in the vehicle.
- ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.


Requirements:

- The power supply or the ignition is switched on.




- ① To close
- ② To open

The buttons on the driver's door take precedence.

- ▶ **To start automatic operation:** press the  button beyond the point of resistance or pull and release it.

62 Opening and closing

- ▶ **To interrupt automatic operation:** press or pull the  button again.

When the vehicle is switched off, you can continue to operate the side windows.

Automatic reversing function of the side windows

If an obstacle impedes a side window during the closing process, the side window will open again automatically. The automatic reversing function is only an aid and is not a substitute for your attentiveness.


- ▶ During the closing process, make sure that no body parts are in the closing area.

▲ WARNING Risk of becoming trapped despite there being reversing protection on the side window

The reversing function does not react:

- To soft, light and thin objects, e.g. fingers.
- During resetting.

The reversing function cannot prevent someone from becoming trapped in these situations.


- ▶ During the closing process, make sure that no body parts are in the closing area.
- ▶ If someone becomes trapped, press the  button to open the side window again.

Convenience opening (ventilating the vehicle before starting a journey)

▲ WARNING Risk of entrapment when opening a side window


When opening a side window, parts of the body could be drawn in or become trapped between the side window and window frame.

- ▶ When opening, make sure that nobody is touching the side window.
- ▶ Release the button immediately if somebody becomes trapped.

- ▶ Press and hold the  button on the SmartKey.

The following functions are performed:

- The vehicle is unlocked.
- The side windows are opened.

- ▶ **To interrupt convenience opening:** release the  button.

- ▶ **To continue convenience opening:** press and hold the  button again.


Convenience closing (closing the vehicle from outside)

▲ WARNING Risk of entrapment due to not paying attention during convenience closing

When the convenience closing feature is operating, parts of the body could become trapped in the closing area of the side windows.

- ▶ When the convenience closing feature is operating, monitor the entire closing


process and make sure that no body parts are in the closing area.

- ▶ Press and hold the  button on the SmartKey.

The following functions are performed:

- The vehicle is locked.
- The side windows are closed.

- ▶ **To interrupt convenience closing:** release the  button.

 Convenience closing also functions with KEYLESS-GO (→ page 56).

Problems with the side windows

▲ WARNING Risk of becoming trapped or fatally injured if reversing protection is not activated

If you close a side window again immediately after it has been blocked, the side window will close with increased or maximum force. The reversing function is then not active and body parts may become trapped.

- ▶ Make sure that no parts of the body are in the closing area.
- ▶ To stop the closing process, release the button or press the button again to reopen the side window.

A side window cannot be closed and you cannot see the cause.

- ▶ Check to see whether any objects are in the window guide.
- ▶ Adjust the side windows.

Adjusting the side windows

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

- ▶ Immediately after this, pull and hold the corresponding button again until the side window has closed and hold the button for at least one more second (re-adjustment). The side window will be closed without the automatic reversing function.

If the side window is obstructed again and reopens again immediately:

- ▶ Immediately after this, pull and hold the corresponding button again until the side window has closed and hold the button for at least one more second (follow-up adjustment). The side window will be closed without the automatic reversing function.

The side windows cannot be opened or closed using the convenience opening feature.

Possible cause:

- The SmartKey battery is weak or discharged.
- ▶ Check the battery using the indicator lamp (→ page 52).
- ▶ Replace the SmartKey battery, if necessary (→ page 54).

Anti-theft protection

Function of the immobilizer

The immobilizer prevents your vehicle from being started without the correct SmartKey.

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The immobilizer is automatically activated when the ignition is switched off and deactivated when the ignition is switched on.

When leaving the vehicle, always take the SmartKey with you and lock the vehicle. Anyone can start the engine if a valid SmartKey has been left inside the vehicle.

- ❗ In the event the engine cannot be started (yet the vehicle's battery is charged), the system is not operational. Contact an authorized Mercedes-Benz Center or call 1-800-FOR-MERCEDES (in the USA) or 1-800-387-0100 (in Canada).

ATA (anti-theft alarm system)

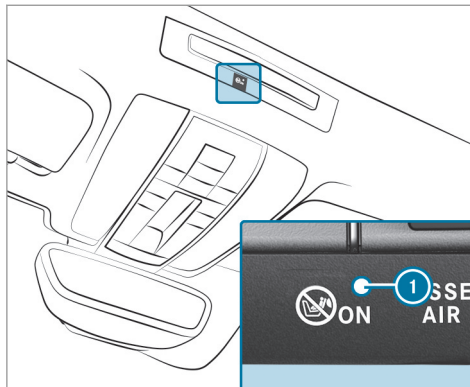
Function of the ATA system

If the ATA system is armed, a visual and audible alarm is triggered in the following situations:

- When a door is opened
- When the tailgate is opened
- When the hood is opened

The ATA system is armed automatically after approximately ten seconds in the following situations:

- After locking the vehicle with the SmartKey
- After locking the vehicle using KEYLESS-GO



Indicator lamp ❶ flashes when the ATA system is armed.

The ATA system is deactivated automatically in the following situations:

- After unlocking the vehicle with the SmartKey
- After unlocking the vehicle using KEYLESS-GO
- After starting the vehicle with the SmartKey (→ page 95)
- ❗ When the Mercedes-Benz emergency call system is active and the alarm stays on for more than 30 seconds, a message is automatically sent to the Customer Assistance Center (→ page 229).
- ❗ In the case of severe battery discharging, the anti-theft alarm system is automatically deactivated to facilitate the next engine start.

Deactivating the ATA

▶ Press the ,  or  button on the SmartKey.

or

▶ Start the vehicle with the SmartKey (→ page 95).

Deactivating the alarm using KEYLESS-GO

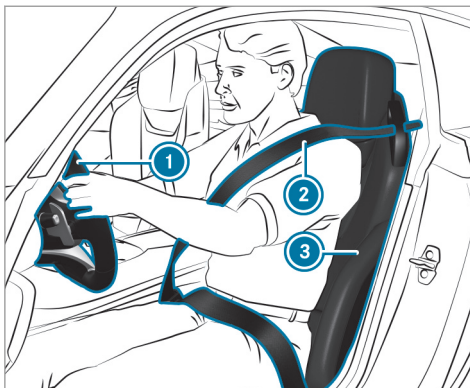
- ▶ Grasp the outside door handle with the SmartKey outside the vehicle.

Notes on the correct driver's seat position

⚠ WARNING Risk of accident due to adjusting vehicle settings while the vehicle is in motion

You could lose control of the vehicle in the following situations in particular:

- If you adjust the driver's seat, the head restraints, the steering wheel or the mirror while the vehicle is in motion.
 - If you fasten your seat belt while the vehicle is in motion.
- ▶ Before starting the engine: adjust the driver's seat, the head restraints, the steering wheel and the mirror and fasten your seat belt.



Ensure the following when adjusting steering wheel ①, seat belt ② and driver's seat ③:

- You are sitting as far away from the driver's airbag as possible, taking the following points into consideration
- You are sitting in an upright position
- Your thighs are slightly supported by the seat cushion

- Your legs are not fully extended and you can depress the pedals properly
- The back of your head is supported at eye level by the center of the head restraint
- You can hold the steering wheel with your arms slightly bent
- You can move your legs freely
- You can see all the displays on the instrument cluster clearly
- You have a good overview of the traffic conditions
- Your seat belt sits snugly against your body and passes across the center of your shoulder and across your hips in the pelvic area

Seats**Adjusting the front seat mechanically**

⚠ WARNING Risk of becoming trapped if the seats are adjusted by children

Children could become trapped if they adjust the seats, particularly when unattended.

- ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
- ▶ Never leave children unattended in the vehicle.

⚠ WARNING Risk of becoming trapped when adjusting the seat

When you adjust a seat, you or other vehicle occupants could become trapped, e.g. on the seat guide rail.

- ▶ When adjusting a seat, make sure that no one has any part of their body within the sweep of the seat.

Observe the safety notes on "Airbags" and "Children in the vehicle".

⚠ WARNING Risk of accident due to the driver's seat not being engaged

The driver's seat may move unexpectedly while driving.

This could cause you to lose control of the vehicle.

- ▶ Always make sure that the driver's seat is engaged before starting the vehicle.

⚠ WARNING Risk of accident due to adjusting vehicle settings while the vehicle is in motion

You could lose control of the vehicle in the following situations in particular:

- If you adjust the driver's seat, the head restraints, the steering wheel or the mirror while the vehicle is in motion.
- If you fasten your seat belt while the vehicle is in motion.
- ▶ Before starting the engine: adjust the driver's seat, the head restraints, the steering wheel and the mirror and fasten your seat belt.

⚠ WARNING Risk of becoming trapped if the seat height is adjusted carelessly

If you adjust the seat height carelessly, you or other vehicle occupants could be trapped and thereby injured.

Children in particular could accidentally press the electrical seat adjustment buttons and become trapped.

- ▶ While moving the seats, make sure that hands or other body parts do not get under the lever assembly of the seat adjustment system.

⚠ WARNING Risk of injury due to head restraints not being installed or being adjusted incorrectly

If head restraints have not been installed or have not been adjusted correctly, there is an increased risk of injury in the head and neck area, e.g. in the event of an accident or when braking.

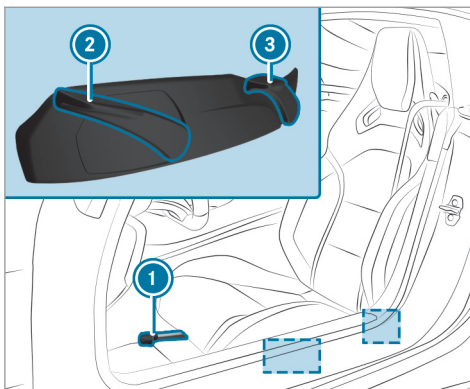
- ▶ Always drive with the head restraints installed.
- ▶ Before driving off, make sure for every vehicle occupant that the center of the head restraint supports the back of the head at about eye level.

⚠ WARNING Risk of injury or death due to an incorrect seat position

The seat belt does not offer the intended level of protection if you have not moved the seat backrest to an almost vertical position.

You could slip beneath the seat belt and injure yourself.

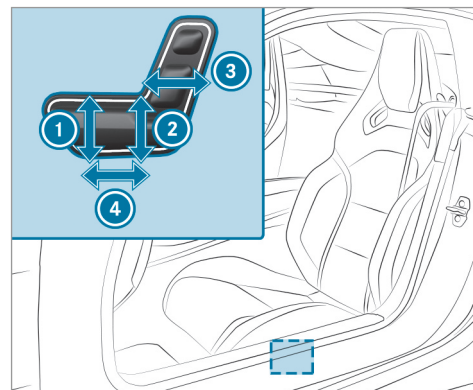
- ▶ Adjust the seat properly before commencing your journey.
- ▶ Always ensure that the seat backrest is in an almost vertical position and that the shoulder belt is routed across the center of your shoulder.



- ▶ **To adjust the seat fore-and-aft position:** lift lever ① and slide the seat into the desired position.
- ▶ Make sure that the seat is engaged.
- ▶ **To adjust the seat height:** push or pull lever ② until the desired position has been reached.

- ▶ **To adjust the seat backrest inclination:** lift lever ③ and set the seat to the desired angle.
- ▶ Ensure that the seat backrest is engaged.

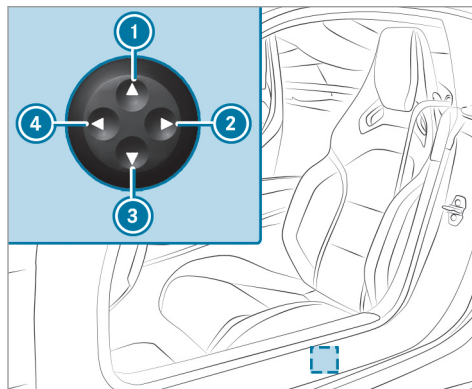
Adjusting the front seat electrically



- ① Seat cushion inclination
- ② Seat height

- ③ Seat backrest inclination
 - ④ Seat fore-and-aft position
- ▶ Save the settings with the memory function (→ page 73).

Adjusting the 4-way lumbar support



- ① Higher
- ② Softer
- ③ Lower
- ④ Firmer

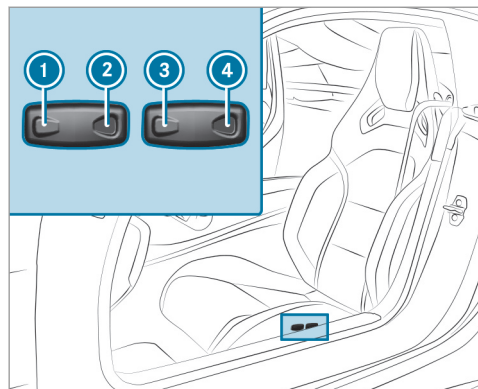
▶ Using buttons ① to ④, adjust the contour of the backrest individually to suit your back.

Adjusting the AMG Performance seat

To adjust the contour of the seat and for improved lateral support, you can adjust the front seats individually.

On the front passenger seat, you can adjust only the seat side bolsters of the seat backrest.

The AMG Performance seat is designed for the standard three-point seat belt. If you install a different multipoint seat belt, e.g. a sport or racing seat belt, the restraint system will not be able to provide the intended level of protection.



- ▶ **To adjust the seat side bolsters of the seat cushion:** press button ① (narrower) or ② (wider).
- ▶ **To adjust the seat side bolsters of the seat backrest:** press button ③ (narrower) or ④ (wider).

Switching seat heating on/off

⚠ WARNING Risk of burns due to repeatedly switching on the seat heating

Repeatedly switching on the seat heating can cause the seat cushion and seat backrest padding to become very hot.

In particular, the health of persons with limited temperature sensitivity or a limited ability to react to high temperatures may be affected or they may even suffer burn-like injuries.

- ▶ Do not repeatedly switch on the seat heating.

To protect against overheating, the seat heating may be temporarily deactivated after it is switched on repeatedly.

! NOTE Damage to the seats caused by objects or documents when the seat heating is switched on

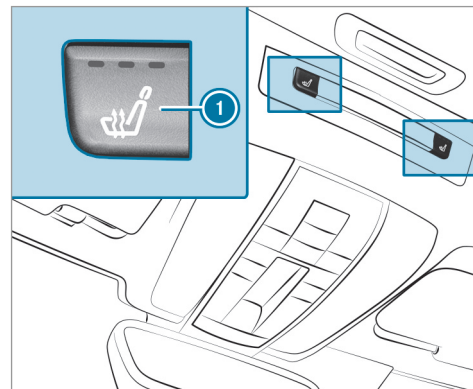
When the seat heating is switched on, overheating may occur due to objects or docu-

ments placed on the seats, e.g. seat cushions or child seats. This could cause damage to the seat surface.

- ▶ Make sure that no objects or documents are on the seats when the seat heating is switched on.

Requirements:

- The power supply is switched on.



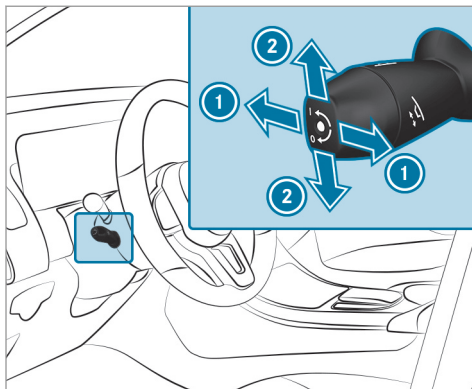
- ▶ Press button ① repeatedly until the desired heating level is set. Depending on the heating level, up to three indicator lamps will light up. If all indicator lamps are off, the seat heating is switched off.

- ① The seat heating will automatically switch down from the three heating levels after 5, 10 and 20 minutes until the seat heating switches off.

Steering wheel

Adjusting the steering wheel electrically

The steering wheel can be adjusted when the power supply is disconnected.



- ① To adjust the distance to the steering wheel
- ② To adjust the height
- ▶ Save the settings with the memory function (→ page 73).

Easy entry and exit feature

Using the easy entry and exit feature

- ⚠ **WARNING** Risk of accident when pulling away during the adjustment process for the easy exit feature

You could lose control of the vehicle.

- ▶ Always wait until the adjustment process is complete before pulling away.

- ⚠ **WARNING** Risk of becoming trapped during adjustment of the easy entry and exit feature

You and other vehicle occupants could become trapped.

- ▶ Ensure that no one has any body parts in the range of movement of the steering wheel.
- ▶ Move the adjustment lever of the steering wheel if there is a risk of becoming trapped by the steering wheel. The adjustment process is stopped.

⚠ WARNING Risk of becoming trapped if children activate the easy entry and exit feature-

Children could become trapped if they activate the easy entry- and exit feature, particularly when unattended.

- ▶ Never leave children unattended in the vehicle.
- ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.

Vehicles with memory function: you can stop the adjustment process by pressing one of the memory function position switches.

If the easy entry and exit feature is active, the steering wheel will move upwards or towards the dashboard when:

- You switch the ignition off.
- You open the driver's door.

i The steering wheel will move upwards and towards the dashboard only if it has not already reached the steering limitation.

The steering wheel will move back to the last drive position when:

- You close the driver's door with the ignition switched on.
- You press the start/stop button once.

The last drive position will be saved when:

- You switch the ignition off.
- You save the setting with the memory function.

If you press one of the memory function memory position switches, the adjustment process will be stopped.

Setting the easy entry and exit feature

Multimedia system:

↳ Vehicle ▶  Vehicle Settings

▶▶ Easy Entry/Exit

▶ Activate or deactivate the function.

Memory function

Function of the memory function

⚠ WARNING Risk of an accident if the memory function is used while driving

If you use the memory function on the driver's side while driving, you could lose control of the vehicle as a result of the adjustments being made.

- ▶ Only use the memory function on the driver's side when the vehicle is stationary.

⚠ WARNING Risk of entrapment when adjusting the seat with the memory function

When the memory function adjusts the seat or steering wheel, you and other vehicle occupants – particularly children – could become trapped.

- ▶ During the adjusting process of the memory function, ensure that no body

parts are in the sweep of the seat or the steering wheel.

- ▶ If somebody becomes trapped, immediately release the memory function position button.
The adjustment process is stopped.

⚠ WARNING Risk of entrapment if the memory function is activated by children

Children could become trapped if they activate the memory function, particularly when unattended.

- ▶ Never leave children unattended in the vehicle.
- ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.

You can use the memory function when the ignition is switched off.

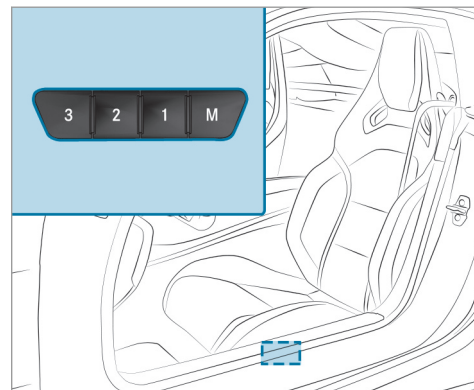
Seat adjustments for up to three people can be stored and called up using the memory function.

You can save settings for the following systems:

- Seat and backrest
- Driver's side: steering wheel
- Driver's side: outside mirrors on the driver's and front passenger sides

Operating the memory function

Storing



- ▶ Set the desired position for all systems.
- ▶ Press memory button **M** together with one of preset position buttons **1**, **2** or **3**.
An acoustic signal sounds. The settings are stored.

- ▶ **To call up:** press and hold preset position button **1**, **2** or **3** until all the systems are in the stored position.

Stowage areas

Notes on loading the vehicle

⚠ DANGER Risk of exhaust gas poisoning

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Exhaust gases can enter the vehicle interior if the tailgate is open when the engine is running, especially if the vehicle is in motion.

- ▶ Always switch off the engine before opening the tailgate.
- ▶ Never drive with the tailgate open.

⚠ WARNING Risk of injury from unsecured items in the vehicle

If objects, luggage or loads are not secured or not secured sufficiently, they could slip,

tip over or be thrown around and thereby hit vehicle occupants.

There is a risk of injury, particularly in the event of sudden braking or a sudden change in direction.

- ▶ Always stow objects in such a way that they cannot be thrown around.
- ▶ Before the journey, secure objects, luggage or loads against slipping or tipping over.

⚠ WARNING Risk of injury due to objects being stowed incorrectly

If objects in the vehicle interior are stowed incorrectly, they can slide or be thrown around and hit vehicle occupants. In addition, cup holders, open storage spaces and mobile phone receptacles cannot always retain all objects within.

There is a risk of injury, particularly in the event of sudden braking or abrupt changes in direction.

- ▶ Always store objects such that they cannot be thrown around in such situations.
- ▶ Always make sure that objects do not protrude from storage spaces, parcel nets or storage nets.
- ▶ Close the lockable storage spaces before starting a journey.
- ▶ Stow and secure objects that are heavy, hard, pointed, sharp-edged, fragile or too large in the cargo compartment.

The rear fender supports in the trunk are not suitable for securing objects; doing so may damage the rear fender supports. Make sure that the rear fender supports in the trunk are kept free from objects.

⚠ WARNING - Risk of accident or injury when using the cup holder while the vehicle is moving

The cup holder cannot secure containers while the vehicle is moving.

If you use a cup holder while the vehicle is moving, the container may be flung around and liquids may be spilled. The vehicle occupants may come into contact with the liquid and if it is hot, they could be scalded. You could be distracted from traffic conditions and you may lose control of the vehicle.

- ▶ Only use the cup holder when the vehicle is stationary.
- ▶ Only use the cup holder for containers of the right size.
- ▶ Close the container, particularly if the liquid is hot.

! **NOTE** Damage to the stowage compartment under the ashtray due to intense heat

The stowage compartment under the ashtray is not heat resistant and could be damaged if you rest a lit cigarette on it.

- ▶ Make sure that the ashtray is fully engaged.

! **WARNING** - Risk of fire and injury from hot cigarette lighter

You can burn yourself if you touch the hot heating element or the socket of the cigarette lighter.

In addition, flammable materials may ignite if:

- you drop the hot cigarette lighter
- a child holds the hot cigarette lighter to objects, for example
 - ▶ Always hold the cigarette lighter by the knob.
 - ▶ Always make sure that the cigarette lighter is out of reach of children.
 - ▶ Never leave children unattended in the vehicle.

! **WARNING** Risk of burns from the tailpipe and tailpipe trims

The exhaust tailpipe and tailpipe trims can become very hot. If you come into contact

with these parts of the vehicle, you could burn yourself.

- ▶ Always be particularly careful around the tailpipe and the tailpipe trims and supervise children especially closely in this area.
- ▶ Allow vehicle parts to cool down before touching them.

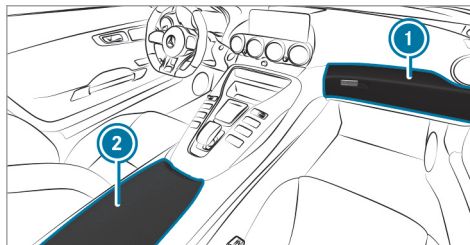
The driving characteristics of your vehicle are dependent on the distribution of the load within the vehicle. You should bear the following in mind when loading the vehicle:

- Never exceed the permissible gross mass or the gross axle weight rating for the vehicle (including occupants). The values are specified on the vehicle identification plate on the vehicle's B-pillar.
- Position heavy loads as far forwards as possible and as low down in the cargo compartment as possible.
- The load must not protrude above the upper edge of the seat backrests.

- Always attach the partition net when transporting objects in the cargo compartment.
- Always place the load behind unoccupied seats if possible.
- Secure the load with sufficiently tear-resistant and wear-resistant tie downs. pad sharp edges for protection.

Stowage spaces in the vehicle interior

Overview of the front stowage compartments



- ① Glove box
 - ② Storage compartment beneath the armrest with a multimedia connection unit, an SD card slot and the ignition lock
- Depending on the vehicle's equipment, there may be a 12 V socket in the stowage compartment

Attaching/removing the partitioning net

⚠ WARNING Risk of injury or death due to poorly secured objects

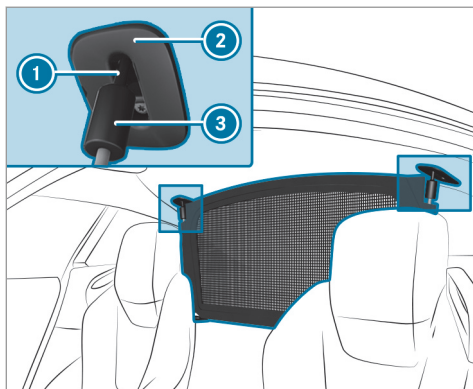
The partitioning net alone cannot secure or restrain heavy objects, items of luggage or heavy loads.

You could be hit by an unsecured load, particularly in the event of abrupt changes in direction, sudden braking or an accident.

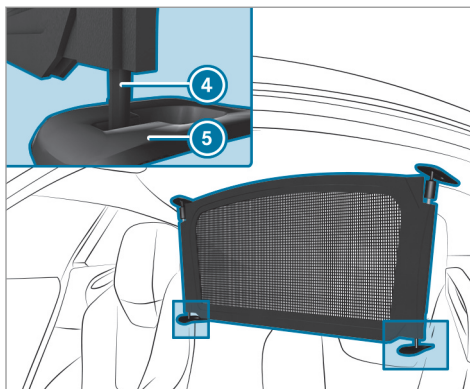
- ▶ Always stow objects in such a way that they cannot be thrown around.
- ▶ Secure objects, luggage or loads against slipping or tipping over, e.g. by using tie downs, even if you are using the partitioning net.

For safety reasons, always use a partitioning net when transporting a load.

Damaged partitioning nets can no longer fulfill their functions and must be replaced. Visit a qualified specialist workshop.



- ▶ **To attach and tighten:** push the seats as far forward as possible.
- ▶ From the vehicle interior, insert hooks ① into upper holders ② and turn back by 90°. Upper tensioning hook ③ will tension the partitioning net automatically.



- ▶ Attach hooks ④ to lower holders ⑤.
- ▶ After driving a short distance, check the tension in the partitioning net.
- ▶ **To loosen and detach:** turn back hooks ① by 90° and detach from upper holders ②.
- ▶ Detach hooks ④ from lower holders ⑤.

Sockets

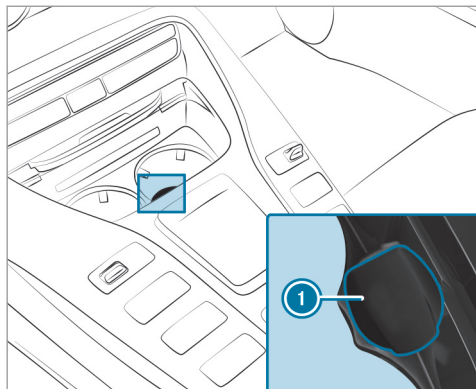
Using the 12 V socket

Requirements:

- Only devices up to a maximum of 180 W (15 A) are permissible.

Depending on the vehicle equipment, the vehicle has the following 12 V sockets:

- In the storage compartment in the front center console
- In the storage compartment under the front armrest
- In the cargo compartment



Example: 12 V socket in the storage compartment in the front center console

- ▶ Fold up socket cap ①.
- ▶ Insert the plug of the device.

USB ports in the vehicle

Depending on the vehicle equipment, the vehicle has the following USB ports:

- In the center console in the front
- In the storage compartment in the armrest

You can charge a USB device, such as a mobile phone, at the USB ports using a suitable charging cable.

The devices can be charged with 5 V (2.1 A) and when the ignition is switched on.

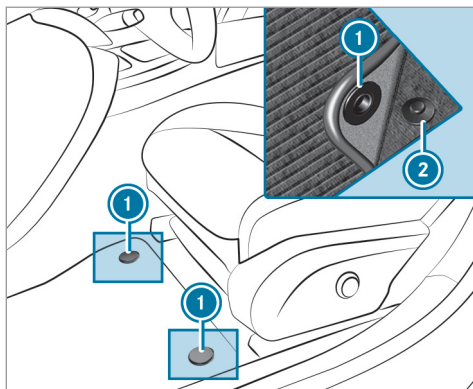
Installing/removing the floor mats

⚠ WARNING Risk of accident due to objects in the driver's footwell

Objects in the driver's footwell may impede pedal travel or block a depressed pedal.

This jeopardizes the operating and road safety of the vehicle.

- ▶ Stow all objects in the vehicle securely so that they cannot get into the driver's footwell.
- ▶ Always install the floor mats securely and as prescribed in order to ensure that there is always sufficient room for the pedals.
- ▶ Do not use loose floor mats and do not place floor mats on top of one another.



▶ Remove the floor mat.

- ▶ **To install:** slide the corresponding seat backwards and lay the floor mat in the footwell.
- ▶ Press studs ① onto holders ②.
- ▶ Adjust the corresponding seat.
- ▶ **To remove:** slide the corresponding seat backwards and pull the floor mat off holders ②.

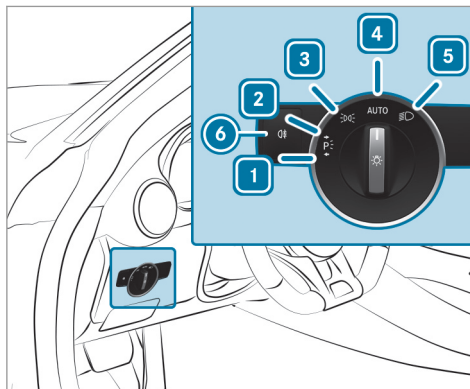
Exterior lighting

Information about lighting systems and your responsibility

The various lighting systems of the vehicle are only aids. The driver of the vehicle is responsible for correct vehicle illumination in accordance with the prevailing light and visibility conditions, legal requirements and traffic situation.

Light switch

Operating the light switch



- 1 Left-hand standing lamps
- 2 Right-hand standing lamps
- 3 Parking lamps and license plate lamp
- 4 **AUTO** Automatic driving lights (preferred light switch position)

- 5 Low beam/high beam
- 6 Switches the rear fog lamp on/off

When low beam is activated, the indicator lamp for the parking lamps will be deactivated and replaced by the low-beam indicator lamp .

▶ Always park your vehicle safely using sufficient lighting, in accordance with the relevant legal stipulations.

! **NOTE** Battery discharging by operating the standing lights

Operating the standing lights over a period of hours puts a strain on the battery.

▶ Where possible, switch on the right or left parking light.

In the event of severe battery discharging, the standing lamps or parking lamps will be switched off automatically to facilitate the next engine start.

The exterior lighting (except standing and parking lamps) will switch off automatically when the driver's door is opened.


- Observe the notes on surround lighting (→ page 84).

Automatic driving lights function

The parking lamps, low beam and daytime running lamps are switched on automatically depending on the ignition status and the ambient light.

⚠ WARNING Risk of accident when the low beam is switched off in poor visibility



When the light switch is set to **AUTO**, the low beam may not be switched on automatically if there is fog, snow or other causes of poor visibility such as spray.

- ▶ In such cases, turn the light switch to .

The automatic driving lights are only an aid. You are responsible for vehicle lighting.

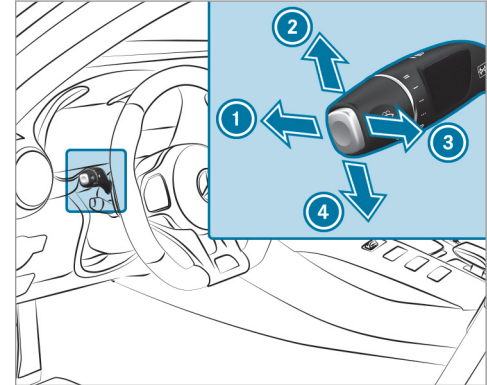
Switching the rear fog lights on or off

Requirements:

- The light switch is in the  or **AUTO** position.
- ▶ Press the  button.

Please observe the country-specific laws on the use of rear fog lamps.




Operating the combination switch for the lights



- 1 High beam
- 2 Turn signal light, right
- 3 Headlamp flashing
- 4 Turn signal light, left

- ▶ Use the combination switch to activate the desired function.

High beam

- ▶ **To switch on:** turn the light switch to the  or **AUTO** position.
- ▶ Push the combination switch beyond the point of resistance in the direction of arrow ①.
When the high beam is activated, the  indicator lamp for low beam is deactivated and replaced by the  indicator lamp for high beam.
- ▶ **To switch off:** move the combination switch back to its starting position.

Headlamp flashing

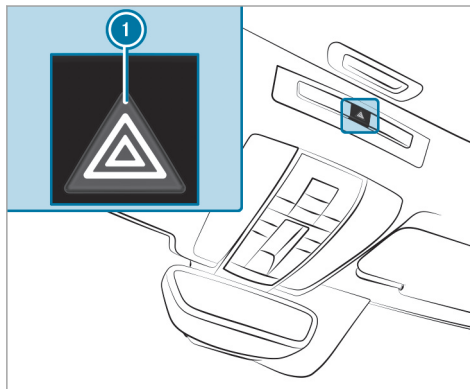
- ▶ Pull the combination switch in the direction of arrow ③.

Turn signal light

- ▶ **To indicate briefly:** push the combination switch briefly to the point of resistance in the direction of arrow ② or ④.
The corresponding turn signal light will flash three times.

- ▶ **To indicate permanently:** push the combination switch beyond the point of resistance in the direction of arrow ② or ④.

Activating/deactivating the hazard warning lights



- ▶ Press button ①.

The hazard warning lights will switch on automatically if:

- The airbag has been deployed.

Adaptive Highbeam Assist

Adaptive Highbeam Assist function

⚠ WARNING Risk of accident despite Adaptive Highbeam Assist

Adaptive Highbeam Assist does not react to:

- Road users without lights, e.g. pedestrians
- Road users with poor lighting, e.g. cyclists
- Road users whose lighting is obstructed, e.g. by a barrier

On very rare occasions, Adaptive Highbeam Assist may fail to recognize other road users with their own lighting, or may recognize them too late.

In these, or in similar situations, the automatic high beam will not be deactivated or will be activated despite the presence of other road users.

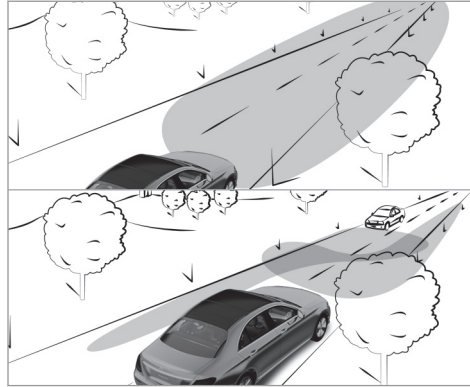
- ▶ Always observe the road and traffic conditions carefully and switch off the high beam in good time.

Adaptive Highbeam Assist cannot take into account road, weather or traffic conditions.

Detection may be restricted in the following cases:

- In poor visibility, e.g. fog, heavy rain or snow
- If there is dirt on the sensors or the sensors are obscured

Adaptive Highbeam Assist is only an aid. You are responsible for adjusting the vehicle's lighting to the prevailing light, visibility and traffic conditions.



Adaptive Highbeam Assist automatically switches between the following types of light:

- Low beam
- High beam

At speeds greater than 19 mph (30 km/h):


- If no other road users are detected, the high beam will be switched on automatically.

The high beam will switch off automatically in the following cases:

- At speeds below 16 mph (25 km/h)
- If other road users are detected
- If street lighting is sufficient

The system's optical sensor is located behind the windshield near the overhead control panel.

Switching Adaptive Highbeam Assist on/off

- ▶ **To switch on:** turn the light switch to the **AUTO** position.
- ▶ Switch on the high beam using the combination switch.
If Adaptive Highbeam Assist is activated, the  indicator lamp will light up on the multifunction display.
- ▶ **To switch off:** switch off the high beam using the combination switch.

Switching the daytime running lamps on/off

Multimedia system:

- Vehicle ➤  Light Settings
- Daytime Run. Lights

▶ Activate or deactivate the function.

Setting the exterior lighting switch-off delay time

Multimedia system:

- Vehicle ➤  Light Settings
- Ext. Light Switch Off

▶ Set the switch-off delay time.

Setting the surround lighting

Multimedia system:

- Vehicle ➤  Light Settings
- Locator Lighting

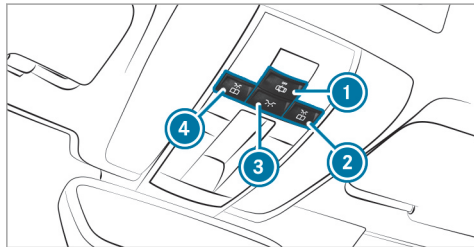
▶ Activate or deactivate the function.





If the surround lighting is switched on, the exterior lighting remains lit for 40 seconds after the

vehicle is unlocked. When you start the vehicle, the surround lighting is deactivated and the automatic driving lights are activated.

Interior lighting

Adjusting the interior lighting



- ①  Automatic interior lighting control
- ②  Right reading lamp
- ③  Interior lighting
- ④  Left reading lamp

▶ **To switch on/off:** press button ① - ④ accordingly.

Setting the interior lighting switch-off delay time

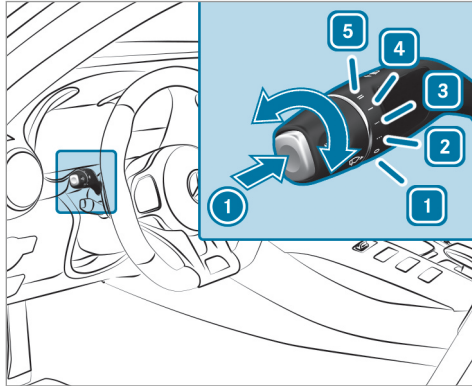
Multimedia system:

- Vehicle ➤  Light Settings
- Int. Light Switch Off

▶ Set the switch-off delay time.

Windshield wiper and windshield washer system

Switching the windshield wipers on/off



- 1 0 Windshield wipers off
- 2 ... Intermittent wiping, normal
- 3 Intermittent wiping, frequent

- 4 — Continuous wiping, slow
- 5 == Continuous wiping, fast

- ▶ Turn the combination switch to the correct position 1 - 5.
- ▶ **Single wipe/washing:** push the button on the combination switch in the direction of arrow 1.
 - Single wipe
 - Wipes with washer fluid

Changing the windshield wiper blades

⚠ WARNING Risk of becoming trapped if the windshield wipers are switched on while wiper blades are being replaced

If the windshield wipers begin to move while you are changing the wiper blades, you can be trapped by the wiper arm.

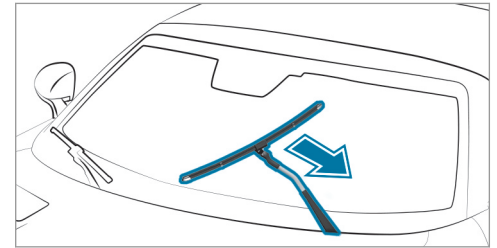
- ▶ Always switch off the windshield wipers and the ignition before changing the wiper blades.

Moving the wiper arms to the change position

- ▶ Switch the ignition on and switch off again immediately.
- ▶ Within around 15 seconds, press the button on the combination switch for approximately three seconds (→ page 85). The wiper arms will move into the change position.

Removing the wiper blades

- ▶ Fold the wiper arms away from the windshield.



- ▶ Set the wiper blade at an angle.
- ▶ Pull the wiper blade out of the holder on the wiper arm in the direction of the arrow.

Installing the wiper blades

- ▶ Push the new wiper blade into the holder on the wiper arm against the direction of the arrow.
- ▶ Turn the wiper blade parallel to the wiper arm.
- ▶ Fold the wiper arm onto the windshield.

Mirrors

Operating the outside mirrors

⚠ WARNING Risk of accident due to adjusting vehicle settings while the vehicle is in motion

You could lose control of the vehicle in the following situations in particular:

- If you adjust the driver's seat, the head restraints, the steering wheel or the mirror while the vehicle is in motion.
- If you fasten your seat belt while the vehicle is in motion.

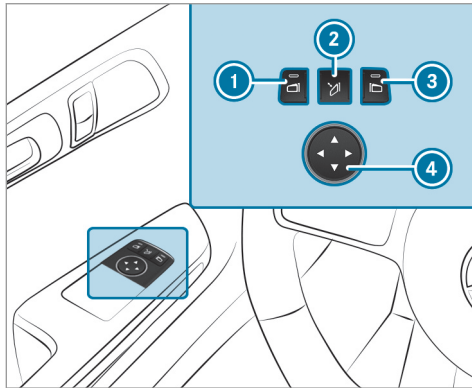
▶ Before starting the engine: adjust the driver's seat, the head restraints, the steering wheel and the mirror and fasten your seat belt.

⚠ WARNING Risk of accident due to misjudgment of distance when using the front-passenger mirror

The outside mirror on the front passenger side reflects objects on a smaller scale.

- ▶ Therefore, always look over your shoulder in order to ensure that you are aware of the actual distance between you and the road users driving behind you.

Folding the outside mirrors in/out



- ▶ Briefly press button ②.

Resetting the outside mirrors

- ① If the battery has been disconnected or completely discharged, the outside mirrors must be reset. Only then will the automatic mirror folding function work properly.
- ▶ Briefly press button ②.

Adjusting the outside mirrors

- ▶ Press button ① or ③ to select the outside mirror to be adjusted.
- ▶ Press button ④ to adjust the position of the mirror glass.

Engaging the outside mirrors

- ▶ **Vehicles without electrically folding outside mirrors:** manually move the outside mirror into the correct position.
- ▶ **Vehicles with electrically folding outside mirrors:** press and hold button ②. You will hear a click and the mirror will audibly click into place. The outside mirror will now be set to the correct position.

Automatic anti-glare mirrors function

⚠ WARNING Risk of acid burns and poisoning due to the anti-glare mirror electrolyte

Electrolyte may escape if the glass in an automatic anti-glare mirror breaks.

The electrolyte is hazardous to health and causes irritation. It must not come into contact with your skin, eyes, respiratory organs or clothing or be swallowed.

- ▶ If you come into contact with electrolyte, observe the following:
 - Immediately rinse the electrolyte from your skin with water and seek medical attention.
 - If electrolyte comes into contact with your eyes, immediately rinse them thoroughly with clean water and seek medical attention.
 - If the electrolyte is swallowed, immediately rinse your mouth out thoroughly. Do not induce vomiting. Seek medical attention immediately.
 - Immediately change out of clothing which has been contaminated with electrolyte.
 - If an allergic reaction occurs, seek medical attention immediately.

The inside rearview mirror and the outside mirror on the driver's side will automatically go into anti-glare mode if light from a headlamp hits the sensor on the inside rearview mirror.

System limits

The system will not go into anti-glare mode if:

- The engine is switched off.
- Reverse gear is engaged.
- The interior lighting is switched on.

Front-passenger outside mirror parking position function

The parking position makes parking easier.

The front-passenger outside mirror will swivel downwards in the direction of the rear wheel on the front passenger's side when:

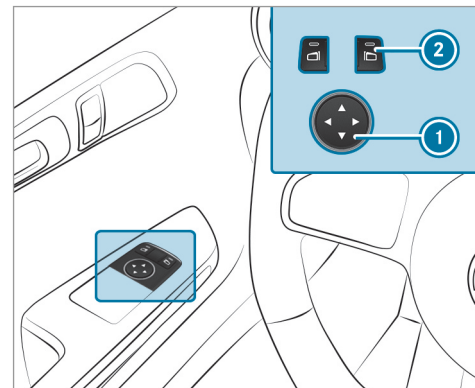
- The parking position is stored (→ page 88).
- The front-passenger mirror is selected.
- Reverse gear is engaged.

The front-passenger outside mirror will move back to its original position when:

- You shift the transmission to another transmission position.
- You are traveling at a speed greater than 9 mph (15 km/h).
- You press the button for the outside mirror on the driver's side.


Storing the parking position of the front-passenger outside mirror using reverse gear

Storing




- ▶ Select the front-passenger outside mirror using button ②.
- ▶ Engage reverse gear.
- ▶ Move the front-passenger outside mirror into the desired parking position using button ①.

Calling up

- ▶ Select the front-passenger outside mirror using button .
- ▶ Engage reverse gear.
The front-passenger outside mirror will move into the stored parking position.

Activating/deactivating the automatic mirror folding function

Multimedia system:


- ↳ Vehicle ▶  Vehicle Settings
- ▶▶ Autom. Mirror Folding
- ▶ Activate or deactivate the function.

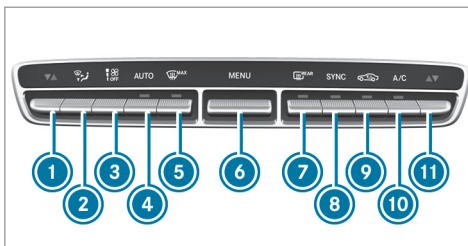
Overview of climate control systems






Notes on climate control



An interior air filter in combination with the pre-filter in the engine compartment must always be used so that the air conditioning system, pollution level monitoring and the air filtration work correctly. Make sure that the filter is installed correctly and the filter housing in the engine compartment is closed correctly using the cap and always tightly sealed when in operation. Use filters recommended and approved by Mercedes-Benz. Always have service work carried out at a qualified specialist workshop.

Overview of the control panel for 3-zone automatic climate control

The indicator lamps in the **AUTO**, **MAX**, **REAR**, , **A/C** and **SYNC** buttons indicate that the corresponding function is activated.





- ①  Sets the temperature on the driver's side
- ②  Sets the air distribution
- ③  Sets the airflow
Switches climate control on/off
- ④ **AUTO** Sets climate control to automatic mode (→ page 91)
- ⑤  Defrosts the windshield
- ⑥ **MENU** Calls up the air conditioning menu
- ⑦  Switches the rear window heater on or off
- ⑧ **SYNC** Activates/deactivates synchronization (→ page 91)

- ⑨  Switches air-recirculation mode on/off (→ page 91)
- ⑩ **A/C** Switches the A/C function on/off (→ page 90)
- ⑪  Sets the front passenger side temperature

Operating the climate control system

Switching climate control on/off

- ▶ **To switch on:** set the airflow to level 1 or higher using the  button.
- ▶ **To switch off:** set the airflow to level 0 using the  button.
- ⓘ If climate control is switched off, the windows may fog up more quickly. Switch off climate control only briefly.

Switching the A/C function on/off using the air conditioning control panel

The A/C function heats, cools and dehumidifies the vehicle's interior air.




- ▶ Press the  button.

Switch off the A/C function only briefly; otherwise, the windows may fog up more quickly.

Condensation may drip from the underside of the vehicle when cooling mode is active. This is not indicative of a malfunction.

Setting climate control to automatic mode

In automatic mode, the set temperature is controlled and maintained at a constant level by the air supply.

- ▶ Press the  button.
- ▶ **To switch to manual mode:** press the  or  button.

Climate style

Climate style function





The following climate styles are available in automatic mode:

- **FOCUS:** high airflow, slightly cooler setting
- **MEDIUM:** medium airflow, standard setting

- **DIFFUSE:** low airflow, slightly warmer and draft-free setting

Adjusting the climate mode settings

Multimedia system:

- ▶  Vehicle ▶  Climate Control
- ▶ Climate Mode
- ▶ Select **FOCUS**, **MEDIUM** or **DIFFUSE**.
- ▶  To feel the effect of the climate style, the  function must be active (→ page 91).

Activating/deactivating the climate control synchronization function via the air conditioning control panel




Climate control can be set centrally using the synchronization function. The temperature and air distribution settings for the driver's side will be adopted automatically for the front passenger side.

- ▶ Press the  button.


The synchronization function will be deactivated if the settings for one of the other climate control zones are changed.

Removing condensation from the windows


Windows fogged up on the inside

- ▶ Press the  button.
- ▶ Press the  button.
- ▶ If the windows continue to fog up: press the  button.


Windows fogged up on the outside

- ▶ Switch on the windshield wipers.
- ▶ Press the  button.

Switching air-recirculation mode on/off

- ▶ Press the  button.
The interior air will be recirculated.

Air-recirculation mode automatically switches to fresh air mode after some time.

- ▶  If air-recirculation mode is switched on, the windows may fog up more quickly. Switch on air-recirculation mode only briefly.

Air vents

Adjusting the air vents

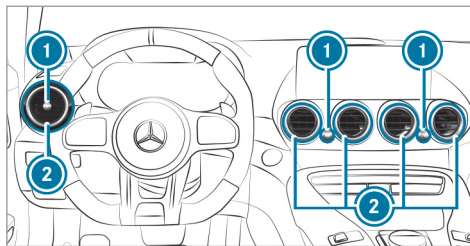
⚠ WARNING Risk of burns and frostbite due to being too close to the air vents

Very hot or very cold air can flow from the air vents.

- ▶ Make sure that all vehicle occupants always maintain a sufficient distance from the air vents.
- ▶ If necessary, direct the airflow to another area of the vehicle interior.

To guarantee the flow of fresh air through the air vents into the vehicle interior, comply with the following:

- Always keep the vents and vent grilles in the vehicle interior free.
- Keep the air inlet free of residue build-up (→ page 263).



- ▶ **To open or close:** turn controller ① to the left or right.
- ▶ **To adjust the airflow direction (center air vent):** hold air vent ② by the slats in the center and move it up or down or to the left or right.

To adjust the airflow direction of a side air vent, hold controller ① and move it up or down or to the left or right.

Driving

Switching on the power supply or the ignition (without engine start)

⚠ WARNING Risk of accident and injury due to children left unattended in the vehicle

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

- Open doors, thereby endangering other persons or road users.
- Get out and be struck by oncoming traffic.
- Operate vehicle equipment and become trapped, for example.

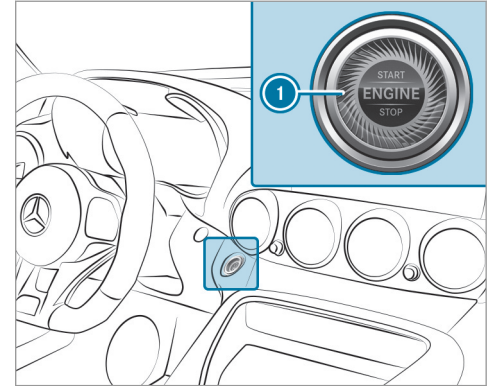
In addition, the children could also set the vehicle in motion, for example by:

- Releasing the parking brake.
- Changing the transmission position.
- Starting the vehicle.

- ▶ Never leave children unattended in the vehicle.
- ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
- ▶ Keep the vehicle SmartKey out of reach of children.

Requirements:

- The SmartKey is in the vehicle and is recognized.
- The brake pedal is not depressed.



- ▶ **To switch on the power supply:** press button ① once. You can activate the windshield wipers, for example.

The power supply is switched off again if the following conditions are met:

- You open the driver's door.
- You press button ① twice more.

- ▶ **To switch on the ignition:** press button ① twice.
The indicator lamps in the instrument cluster light up.

The ignition is switched off again if one of the following conditions is met:

- You do not start the vehicle within 15 minutes and the transmission is in position **P** or the electric parking brake is applied.
 - You press button ① once.
- ① You can also switch on the power supply or the ignition with the SmartKey in the ignition lock (→ page 95).

Starting the vehicle

Starting the vehicle with the start/stop button

⚠ DANGER Risk of death caused by exhaust gases

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases is hazardous to health and leads to poisoning.

- ▶ Never leave the engine or, if present, the auxiliary heating running in an enclosed space without sufficient ventilation.

⚠ WARNING Risk of fire due to flammable material in the engine compartment or the exhaust system

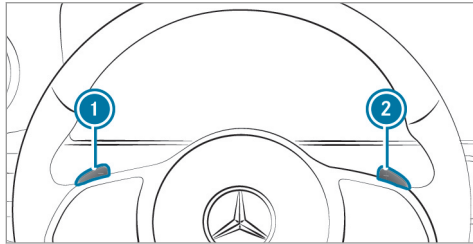
Flammable materials may ignite.

- ▶ Therefore, check regularly that there are no flammable materials in the engine compartment or on the exhaust system.

Requirements:

- The SmartKey is in the vehicle and is recognized.
- ▶ Shift the transmission to position **P** or **N**.
- ▶ Depress the brake pedal and press button ① once.
- ▶ If the vehicle does not start: switch off non-essential consumers and press button ① once.
- ▶ If the vehicle still does not start and the **Key Not Detected** display message also appears in the multifunction display: start the vehicle with the SmartKey (→ page 95).
- ① You can switch off the engine while driving by pressing button ① for about three seconds or by pressing button ① three times within three seconds. Be sure to observe the safety notes under "Driving tips" (→ page 96).

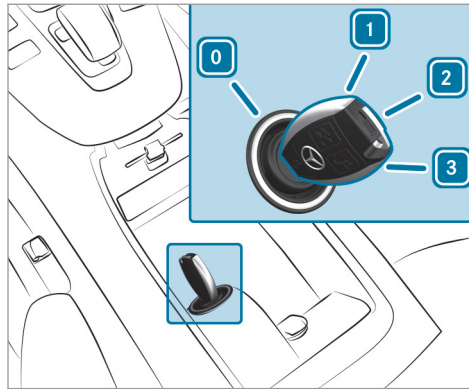
Function of Emotion Start



- ▶ Start the vehicle with the start/stop button (→ page 94) and simultaneously pull one of steering wheel gearshift paddles **1** or **2**.
 - The idle speed is increased briefly when starting the engine.
 - The exhaust gas flaps are opened (sporty characteristic) (→ page 101).

Starting the vehicle using the SmartKey

You can also start the vehicle with the SmartKey in the ignition lock. The ignition lock is in the rear storage space in the center console.



- 0** To remove the SmartKey
- 1** To switch on the power supply
- 2** To switch on the ignition
- 3** To start the engine

- ▶ Shift the transmission to position **P** or **N**.
- ▶ Depress the brake pedal.

- ▶ Insert the SmartKey into the ignition lock and turn to key position **3**.
- ▶ If the vehicle does not start:
 - Switch off consumers that are not required.
 - Remove the SmartKey from the ignition lock.
 - Insert the SmartKey into the ignition lock again after a short waiting period.
 - Turn the SmartKey to key position **2**. The indicator lamps in the instrument cluster light up.
 - Turn the SmartKey to key position **3**.
- i** You can also switch on the power supply or the ignition with the SmartKey. To do so, turn the SmartKey to key position **1** or **2**.

Breaking-in notes

To preserve the engine during the first 1,000 miles (1,500 km):

- drive at varying road speeds and engine speeds.

- do not drive faster than 85 mph (140 km/h).
- allow the engine to reach a maximum engine speed of 4,500 rpm (4,500 rpm) only briefly.
- drive the vehicle in drive program **C**.
- change gear before the tachometer needle is $\frac{2}{3}$ of the way to the red area of the tachometer.
- do not shift down a gear manually in order to brake.
- avoid overstraining the vehicle, e.g. driving at full throttle.
- do not depress the accelerator pedal past the pressure point (kickdown).
- only increase the engine speed gradually and accelerate the vehicle to full speed after 1,000 miles (1,500 km).

This also applies when the engine or parts of the drivetrain have been replaced.

Please also observe the following breaking-in notes:

- In certain driving and driving safety systems, the sensors adjust automatically while a cer-

tain distance is being driven after the vehicle has been delivered or after repairs. Full system effectiveness is not reached until the end of this teach-in process.

- Brakepads, brake discs and tires that are either new or have been replaced only achieve optimum braking effect and grip after several hundred kilometers of driving. Compensate for the reduced braking effect by applying greater force to the brake pedal.

Notes on driving

- ⚠ WARNING** Risk of accident due to objects in the driver's footwell

Objects in the driver's footwell may impede pedal travel or block a depressed pedal.

This jeopardizes the operating and road safety of the vehicle.

- ▶ Stow all objects in the vehicle securely so that they cannot get into the driver's footwell.

- ▶ Always install the floor mats securely and as prescribed in order to ensure that there is always sufficient room for the pedals.
- ▶ Do not use loose floor mats and do not place floor mats on top of one another.

- ⚠ WARNING** Risk of accident due to incorrect footwear

Incorrect footwear includes, for example:

- Shoes with platform soles
- Shoes with high heels
- Slippers

- ▶ Always wear suitable footwear so that you can operate the pedals safely.

- ⚠ WARNING** Risk of accident if the ignition is switched off while driving

If you switch off the ignition while driving, safety functions are restricted or no longer available.

You will need to use considerably more force to steer and brake, for example.

- ▶ Do not switch off the ignition while driving.

⚠ DANGER Risk of death caused by exhaust gases

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling these exhaust gases is hazardous to health and leads to poisoning.

- ▶ Never leave the engine or, if present, the auxiliary heating running in an enclosed space without sufficient ventilation.

⚠ WARNING Risk of skidding and of an accident due to shifting down on slippery road surfaces

If you shift down on slippery road surfaces to increase the engine braking effect, the drive wheels may lose traction.

- ▶ Do not shift down on slippery road surfaces to increase the engine braking effect.

⚠ DANGER Risk of fatal injury due to poisonous exhaust gases

If the tailpipe is blocked or sufficient ventilation is not possible, poisonous exhaust gases such as carbon monoxide may enter the vehicle. This is the case when the vehicle becomes stuck in snow, for example.

- ▶ Keep the tailpipe and the area around the vehicle free from snow when the engine or the stationary heater are running.
- ▶ Open a window on the side of the vehicle facing away from the wind to ensure an adequate supply of fresh air.

⚠ WARNING Risk of accident and injury due to being under the influence of alcohol and drugs while driving

Drinking and driving and/or taking drugs and driving are very dangerous combinations. Even a small amount of alcohol or drugs can affect your reflexes, perceptions and judgment.

The possibility of a serious or even fatal accident are greatly increased when you drink or take drugs and drive.

- ▶ Do not drink or take drugs and drive or allow anyone to drive who has been drinking or taking drugs.

⚠ WARNING Risk of accident due to the brake system overheating

If you leave your foot on the brake pedal when driving, the brake system may overheat.

This increases the braking distance and the brake system may even fail.

- ▶ Never use the brake pedal as a footrest.
- ▶ Do not depress the brake pedal and the accelerator pedal at the same time while driving.

⚠ WARNING Risk of accident due to incorrect gearshifting

If the engine speed is higher than the idle speed and you engage the transmission position **D** or **R**, the vehicle may accelerate sharply.

- ▶ If you engage the transmission position **D** or **R** when the vehicle is at a standstill, always depress the brake pedal firmly and do not accelerate at the same time.

! NOTE Engine damage due to excessively high engine speeds

The engine will be damaged if you drive with the engine in the overrevving range.

- ▶ Do not drive with the engine in the overrevving range.

! NOTE Wearing out the brake linings by continuously depressing the brake pedal

- ▶ Do not depress the brake pedal continuously whilst driving.
- ▶ To use the braking effect of the engine, shift to a lower gear in good time.

! NOTE Damage to the drivetrain and engine when pulling away

- ▶ Do not warm up the engine while the vehicle is stationary. Pull away immediately.
- ▶ Avoid high engine speeds and driving at full throttle until the engine has reached its operating temperature.

! NOTE Damage to the catalytic converter due to non-combusted fuel

The engine is not running smoothly and is misfiring.

Non-combusted fuel may get into the catalytic converter.

- ▶ Only depress the accelerator pedal slightly.
- ▶ Have the cause rectified immediately at a qualified specialist workshop.

Notes on driving on salt-treated roads

The braking effect is limited on salt-treated roads.

Therefore, observe the following notes:

- Due to salt build-up on the brake discs and brakepads, the braking distance can increase considerably or result in braking only on one side
- Maintain a much greater safe distance to the vehicle in front

To remove salt build-up:

- Brake occasionally while paying attention to the traffic conditions
- Carefully depress the brake pedal at the end of the journey and when starting the next journey

Notes on hydroplaning

Hydroplaning can take place once a certain amount of water has accumulated on the road surface.

Observe the following notes during heavy precipitation or in conditions in which hydroplaning may occur:

- Reduce speed
- Avoid tire ruts
- Avoid sudden steering movements
- Brake carefully

i Also observe the notes on regularly checking wheels and tires (→ page 287).

Notes on driving through water on the road surface

Water which has entered into the vehicle can damage the engine, electrics and transmission.

Water can also enter the air intake of the engine and cause engine damage.

Observe the following if you must drive through water:

- The water, when calm, may only reach the lower edge of the vehicle body.
- Drive at walking pace at most, otherwise water can enter the vehicle interior or engine compartment.
- Vehicles traveling in front, or oncoming vehicles, can create waves which may exceed the maximum permissible depth of the water.

The braking effect of the brakes is reduced after fording. Brake carefully while paying attention to the traffic conditions until braking power has been fully restored.

Information on the AMG ceramic high-performance composite brake system

The brake system is designed for heavy loads. This may lead to noise when braking. This effect can also occur after washing the vehicle.

The noise depends on the following factors:

- Speed
- Brake force
- Environmental conditions, e.g. temperature and air humidity

i Have the brake system checked at a qualified specialist workshop after it has been subjected to extreme loads.

ECO start/stop function

Operation of the ECO start/stop function

The engine is switched off automatically in the following situations if all vehicle conditions for an automatic engine stop are met:

- you brake the vehicle to a standstill in transmission position **D** or **N**.

If you switch on the HOLD function in transmission position **D** or **N**, the engine will automatically stop in the following situations:

- you stop behind a vehicle that is pulling away.
- you stop at a stop sign when there is no vehicle in front of you.
- you turn the steering wheel hard at a low speed.

i In transmission position **R**, the engine is not switched off automatically even when the HOLD function is switched on.

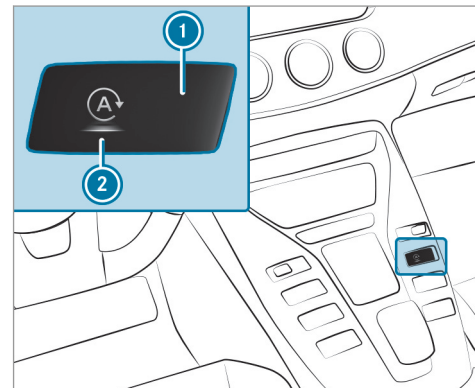
The engine is restarted automatically if:

- you release the brake pedal in transmission position **D** when the HOLD function is not active and the vehicle does not start to move.
- you shift from transmission position **P**.
- you release the brake pedal and the vehicle starts to move on a gentle downhill gradient at a speed below 3 mph (5 km/h).
- you depress the accelerator pedal.

- you permanently activate manual gearshifting.
- you pull the left-hand steering wheel gearshift paddle.
- an automatic engine start is required by the vehicle.




If the engine was switched off by the ECO start/stop function and you leave the vehicle, a warning tone sounds. In addition, the **Vehicle Ready to Drive Switch the Ignition Off Before Exiting** message appears in the multifunction display. If you do not switch off the ignition, the ignition is automatically switched off after one minute.

Deactivating or activating the ECO start/stop function



▶ Press display button **1**.

The display button indicates current status **2** of the ECO start/stop function:

-  (red): deactivated
-  (green): activated
-  (yellow): inactive

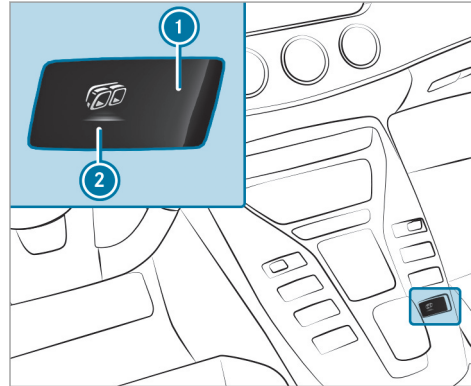
AMG Performance exhaust system

Function of the AMG Performance exhaust system

Changing the position of the exhaust gas flaps allows you to select the sound characteristics of the AMG Performance exhaust system:

- Closed exhaust gas flaps: comfort characteristic (balanced)
- Open exhaust gas flaps: sporty characteristic (powerful)

Operating the AMG Performance exhaust system



- ▶ Press display button ①.

The display button indicates the currently selected sound characteristic ②:

- Button symbol (blue): balanced
- Button symbol (red): powerful

Race track operation

Information on racetrack operation

- ① Racetrack operation is understood as the operation of the vehicle in extreme situations when it is used on race tracks or closed-off tracks.

Your vehicle may be used on both public roads and race tracks. The vehicle operating loads differ depending on use, which require differing maintenance intervals.

When the vehicle is operated on a racetrack, the component parts are subject to higher loads than on the road.

To account for these loads, the following measures in particular are taken as part of the maintenance intervals:

- Checking and replacing individual components
- Overhauling complete assemblies after specific periods of use

102 Driving and parking

Additional checks must always be carried out on the vehicle before and after each use on a racetrack.

1 NOTE Damage to component parts through a rise in temperature after operation on a racetrack

If the vehicle is switched off directly after operation on a racetrack, heat caused when the vehicle is stationary may continue to raise the temperature of the component parts.

In exceptional cases, the component parts may become permanently damaged.

- ▶ Do not switch off the vehicle immediately. Carry out cool down laps at low speed with minimal brake application. Assemblies under load, such as the engine and the braking system, cool down faster this way.

- ▶ Do not open the hood when the fan is in run-on mode, which is clearly audible and can last up to 30 minutes. Doing so ensures that the cooling air is optimally distributed.
- ▶ Always allow a Track-Check to be carried out at an authorized Mercedes-Benz Center before and after use on the racetrack.

Motorsport equipment is only intended for use where road traffic regulations do not apply. This also applies to modifications to both the suspension and aerodynamic component parts.

You can obtain further information on servicing your vehicle at an authorized Mercedes-Benz Center.

Notes on the characteristics of individual vehicle assemblies

Due to specific vehicle operating loads in racetrack operation, additional requirements must be observed.

The following vehicle assemblies are affected in particular:

- Brake system
- Wheels and tires
- Suspension
- Aerodynamic components

Brake system

Notes on the brake system

The brake system of your vehicle is designed for heavy loads. Therefore, there may be noise when braking. The loads in the entire brake system which occur when driving on a racetrack are significantly greater than those during normal operation.

The increased brake forces and temperatures when driving on a racetrack inherently lead to increased wear of the brake system.

Check the condition and geometry of the brake cover plate before using the vehicle on a racetrack.

Observe the information on the cooling of components which are subject to loads when operated on a racetrack (→ page 101).

Braking with ABS

Repeated hard braking within the ABS control range causes higher temperatures in the brake system than controlled braking shortly before the ABS control limit.

Brakepad wear

The inner and outer brakepads may also suffer "tapered wear". This could lead to poor pedal feel. Therefore, you must also check the condition of the brakepads before and after use on a racetrack as part of a standard check for wear.

Brake discs

Observe the information on the cooling of components which are subject to strain in racetrack operation (→ page 101).

An AMG ceramic high-performance composite braking system is installed in your vehicle. The assessment of wear must therefore be carried out using a special measurement procedure. The brakes are measured using the current condition of the ceramic composite material as a criteria

for assessing the wear instead of assessing the residual thickness.

The following are combinations used to measure the wear of carbon-ceramic brake discs:

- Visual assessment of the brake disc for mechanical damage
- Wear measurement using the indicator field method; alternatively using the Proceq Carboteq[®] measuring device (e.g. in the AMG Performance Center or at AMG Trackdays)

The ventilation holes on the friction ring of the brake discs could become blocked by brake dust. Therefore, check the ventilation holes before using the vehicle on a racetrack and clean them if necessary.

Brake fluid

Check the following properties of the brake fluid before each use on a racetrack:

- Boiling point
- Fill level

When driving on a racetrack, make sure that the brake fluid is not more than 12 months old.

Brake caliper, brake hoses and brake lines

Check the following for damage each time before driving the vehicle on a racetrack:

- The dust boots on the brake calipers
- The brake hoses and brake lines

Replace them if necessary.

Brake cooling

Special air deflectors and channels are installed on the front and rear axles so that the brakes are cooled sufficiently. They supply the brake discs with cooling air. Check that they are in perfect condition and correctly installed each time before driving the vehicle on a racetrack. Excessive wear can be caused by driving over curbs, for instance. For this reason, regularly check they are all complete and installed securely.

In addition, check that the air guide plates are seated securely and clean before and after driving the vehicle on a racetrack.

Observe the information on the cooling of components which are subject to loads when driving on a racetrack (→ page 101).

Wheels and tires

Notes on wheels

! **NOTE** Restrictions relating to suspension settings and driving characteristics

The handling and braking characteristics of the vehicle may be adversely affected if you use tires which deviate from the specifications in terms of the following values:

- Diameter
- Wheel offset
- Width

- ▶ Only use the wheels provided by Mercedes-AMG for use on a racetrack.
- ▶ Only use wheels with approved geometry.

Do not use slick tires. Suspension and body components may otherwise be subjected to excessively high loads.

Observe the following notes on changing a wheel:

- Change the wheels after 9320 miles (15,000 km) on a racetrack at the latest.
- To ensure concentricity and lateral trueness, check the wheel contact surface for damage when changing a wheel. These should also be measured in the event of imbalance.

The wheel bolts are subjected to high wear when used on a racetrack. To ensure the wheels are bolted securely on a permanent basis, replace the wheel bolts in the following situations:

- After approximately 620 miles (1000 km) on a racetrack.
- After ten bolting procedures at the latest.

Notes on tires

! **WARNING** Risk of injury through damaged tires

Damaged tires can cause tire pressure loss.

- ▶ Check the tires regularly for signs of damage and replace any damaged tires immediately.

Check the tires for damage and the correct tire tread depth both before and after use on a racetrack. Only then is it safe to drive on a racetrack and on public roads.

As a result of the driving style and at high ambient temperatures, when driving on a racetrack it may be necessary to compensate for the increase in pressure in warm tires by releasing air. Even for warm tires, the specified tire pressure may only be exceeded by max. 0.5 bar.

After the tires have cooled down again, you must readjust the tire pressure in accordance with the specifications in order to drive on public roads.

Suspension

Suspension settings

The factory setting provides a good compromise for driving on public roads and on a racetrack.

Vehicle measurements

Even small changes to the suspension settings alter the driving characteristics of the vehicle. To ensure optimal driving characteristics, the specified values and tolerances of the individual suspension settings must be complied with. The driving characteristics of the vehicle may otherwise be undesirable.

Vehicle measurements are required in the following situations:

- The vehicle height has changed in relation to the optimized setting.
- The vehicle is frequently subjected to very high loads, e.g. when driving over curbs.

Therefore, check the vehicle height at regular intervals and, if necessary, perform vehicle measurements.

Notes on suspension components

Despite regular checks, and regardless of whether the relevant suspension components are in good condition, the following components must be replaced after a certain amount of use on the racetrack:

- Wheel bolts (→ page 104)
- Wheel hubs including the wheel bearings

Adjusting the camber

You can have the camber adjusted incrementally to suit your requirements or to correspond to the respective track profile.

! **NOTE** Adjusting the toe due to camber adjustment

Adjusting the camber alters the toe adjustment.

An adjusted toe leads to, among other things, uneven tire wear.

- ▶ Check the axle alignment and, if necessary, carry out corrections after every adjustment to the camber.

- ▶ To do this, consult a qualified specialist workshop.

The camber may only be altered for use on private land, for example race circuits. For use on public roads, the camber must be reverted back to the factory setting.

Notes on adjusting the wheel load

You can have the wheel load distribution on the front or rear axle adjusted to suit your requirements or to the corresponding track profile at a qualified specialist workshop.

- ⓘ Only the basic setting may be used for the vehicle level and wheel load when driving on normal roads. A modified setting may only be used when you are not driving on public roads.

! **WARNING** Risk of an accident when the vehicle level is changed

It changes the suspension geometry and therefore the handling characteristics.

You could lose control of the vehicle.

- ▶ Consult a qualified specialist workshop.

⚠ WARNING Risk of an accident due to an adjusted limiting ring

It could come into contact with adjacent component parts or the tire and cause damage to them.

- ▶ Never adjust the limiting ring.

Notes on adjusting the anti-roll characteristics

You can have the torsion bar effect on the front or rear axle adjusted to suit your requirements or to the corresponding track profile and weather conditions at a qualified specialist workshop.

- ① The anti-roll characteristics may only be used in the position set at the factory when driving on normal roads. A modified setting may only be used when you are not driving on public roads.

⚠ WARNING Risk of an accident due to modified anti-roll characteristics

The driving characteristics are altered and you could lose control of the vehicle.

- ▶ Consult a qualified specialist workshop.
- ▶ Test the modified driving characteristics and vehicle reactions at a reduced vehicle speed.

Aerodynamic components

Fixed double rear wing

The vehicle is delivered ex works with the flat wing positions. The two wings can be moved into steeper positions to ensure optimum coordination of the rear axle power output on the race track. An automatically extending flap is integrated in the upper wing. This increases the power output for certain driving situations, e.g. during cornering or braking.

Observe the information about adjusting the double rear wing and the permitted tightening torque (→ page 132).

Adjustable front diffuser

The front diffuser can be fully extended for race-track mode. The extended position of the front diffuser changes the pressure distribution across the underbody and thus increases the power output to the maximum level.

Observe the notes on the function of the front diffuser and how it is adjusted (→ page 133).



Notes on engine oil

Check the engine oil level before operating in racetrack mode.

DYNAMIC SELECT switch

Function of the DYNAMIC SELECT switch

Use the DYNAMIC SELECT switch to change between the following drive programs:

-  **(Slippery)**: optimized pulling away and driving characteristics in wintry and slippery road conditions
-  **(Individual)**: individual settings

- **C** (**Comfort**): comfortable and economical driving characteristics
- **S** (**Sport**): sporty driving characteristics
- **S+** (**Sport Plus**): particularly sporty driving characteristics
- **RACE** (**RACE**): racetrack-oriented driving characteristics

i In the drive program **RACE** torque and engine output may be reduced. Observe the message that appears in the multifunction display.

The **RACE** drive program may not be used on normal roads. **RACE** must only be activated and used on dedicated race circuits, not on public roads.

Mercedes-AMG recommends selecting the drive program **C** when in city traffic or stop-and-go traffic.

Depending on the drive program selected, the following vehicle characteristics will change:

- Drive
 - Engine and transmission management
- AMG Dynamics
 - The four agility functions Basic, Advanced, Pro and Master are automatically selected depending on the drive program.
 - The steering, shift timing point and stabilization functions are adapted to the selected drive program.
 - When ESP® is activated, agility function Pro is selected in drive program **RACE**. The Master function is automatically selected when ESP® is deactivated.
- Position of the exhaust gas flaps
- Suspension
- Steering
- Availability of Glide mode
- The **RACE** drive program has the following properties:
 - The vehicle exhibits driving characteristics suited for the racetrack.
 - All vehicle systems are set for maximum sportiness.
- The automatic transmission shifts up later.
- The suspension exhibits particularly firm springing and damping settings.
- Glide mode is not available.
- The sporty sound characteristic of the exhaust system is activated.

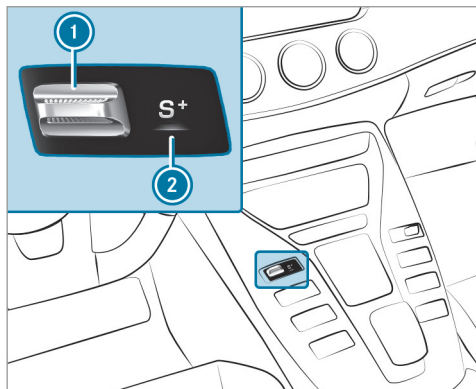
i You can call up vehicle characteristics via the Performance menu in the on-board computer.

i You can adjust the agility functions of AMG Dynamics using the AMG steering-wheel buttons.

You can also change the following vehicle characteristics using the buttons in the center console:

- Position of the exhaust gas flaps
- Suspension

Selecting the drive program



- ▶ Press DYNAMIC SELECT switch ① forwards or backwards.
The selected drive program appears in the display ② and in the multifunction display in the instrument cluster.

Configuring drive program I

Multimedia system:

- ➔ Vehicle ➔ DYNAMIC SELECT
- ➔ Individual
- ▶ Select the individual setting.

Switching the operation feedback for drive programs on or off

Multimedia system:

- ➔ Vehicle ➔ DYNAMIC SELECT
- ▶ Switch **Notification for User** on or off .
When this function is active, a corresponding message is shown in the media display when a drive program is selected with the DYNAMIC SELECT switch.

Displaying vehicle data

Multimedia system:

- ➔ Vehicle ➔ DYNAMIC SELECT
- ▶ Select **Vehicle Data**.
The vehicle data is displayed.

Displaying engine data

Multimedia system:

- ➔ Vehicle ➔ DYNAMIC SELECT
- ▶ Select **Engine Data**.

- ⓘ The actual (maximum) values that can be achieved for engine output and engine torque may deviate from the certified values within the country-specific guidelines for permissible tolerances (basis: UN-ECE No. 85 or country-specific guidelines).

Factors that can influence this are, for example:

- Sea level
- Fuel grade
- Outside temperature
- Operating temperature of the engine

- ⓘ The values displayed serve only as orientation. The values for engine output and engine torque shown in the media display may deviate from the actual values.

Automatic transmission

E-SELECT selector lever

Function of the E-SELECT selector lever

▲ WARNING Risk of accident due to incorrect gearshifting

If the engine speed is higher than the idle speed and you engage the transmission position **D** or **R**, the vehicle may accelerate sharply.

▶ If you engage the transmission position **D** or **R** when the vehicle is at a standstill, always depress the brake pedal firmly and do not accelerate at the same time.

▲ WARNING Risk of accident and injury due to children left unattended in the vehicle

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

- Open doors, thereby endangering other persons or road users.
- Get out and be struck by oncoming traffic.
- Operate vehicle equipment and become trapped, for example.

In addition, the children could also set the vehicle in motion, for example by:

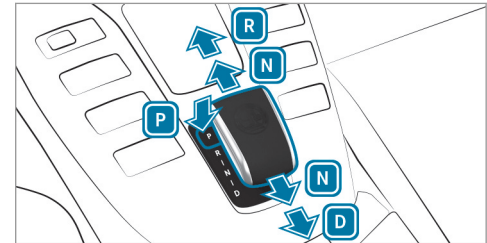
- Releasing the parking brake.
- Changing the transmission position.
- Starting the vehicle.

▶ Never leave children unattended in the vehicle.

▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.

▶ Keep the vehicle SmartKey out of reach of children.

Use the E-SELECT selector lever to change the transmission position. The current transmission position is displayed in the multifunction display.



- P** Park position
- R** Reverse gear
- N** Neutral
- D** Drive position

Engaging reverse gear R

- ▶ Depress the brake pedal and push the E-SELECT selector lever upwards past the first point of resistance.

Engaging neutral N

- ▶ Depress the brake pedal and push the E-SELECT selector lever up or down to the first point of resistance.

Subsequently releasing the brake pedal will allow you to move the vehicle freely, e.g. to push it or tow it away.

If you want the automatic transmission to remain in neutral **N** even if the ignition is switched off:

- ▶ Start the vehicle.
 - ▶ Depress the brake pedal and engage neutral **N**.
 - ▶ Release the brake pedal.
 - ▶ Switch the ignition off.
- i** If you then exit the vehicle leaving the SmartKey in the vehicle, the automatic transmission remains in neutral **N**.

Engaging park position P

- ▶ Observe the notes on parking the vehicle (→ page 115).
- ▶ Depress the brake pedal until the vehicle is stationary.
- ▶ When the vehicle is stationary, press button **P**.
Park position is only engaged when the transmission position display **P** is shown in the multifunction display. If no transmission position display **P** appears, secure the vehicle to prevent it from rolling away.

Park position **P** is engaged automatically if one of the following conditions is met:

- You switch off the ignition when the vehicle is stationary and the transmission is in position **D** or **R**.
 - You open the driver's door when the vehicle is stationary or when driving at a very low speed and the transmission is in position **D** or **R**.
- i** To maneuver with an open driver's door, open the driver's door while stationary and

engage transmission position **D** or **R** again.

Engaging drive position D

- ▶ Depress the brake pedal and pull the E-SELECT selector lever back past the first point of resistance.

When the automatic transmission is in transmission position **D**, it shifts the gears automatically. This depends on the following factors:

- the selected drive program
- the position of the accelerator pedal
- the driving speed

Notes on the double-clutch function

The double-clutch function is active when changing down in all drive programs. The double-clutch function reduces load change reactions and supports sporty driving. The acoustic perception of the double-clutch function changes depending on the drive program.

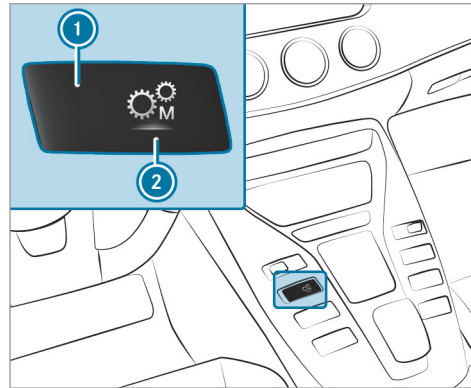
Rocking the vehicle free

Rocking the vehicle free can help to free a vehicle that has become trapped in slush or snow.

To rock the vehicle free, move the E-SELECT selector lever upwards and downwards past the point of resistance in order to switch between transmission positions **D** and **R** (→ page 109).

- ⓘ The maximum design speed when switching between **D** and **R** is 6 mph (9 km/h).

Manual gearshifting



▶ **To activate/deactivate:** press display button ①.

The display switch displays the currently selected transmission position ②:

- **M** (red): manual gearshifting
- **D** (blue): automatic transmission

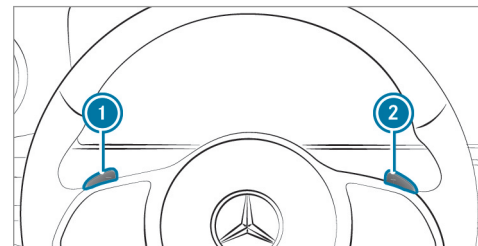
- ⓘ To permanently shift the gears manually in drive program **L+** using the steering wheel gearshift paddles, select the **M** (Manual) setting for the transmission.

! **NOTE** Damage to the engine due to shifting up too late

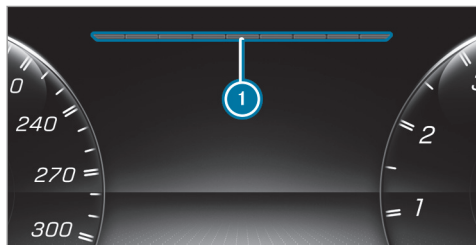
The automatic transmission does not shift up in manual mode even when the engine's limiting speed is reached.

The fuel supply is interrupted in order to prevent the engine from overrevving.

- ▶ Shift up before the engine speed reaches the red area in the tachometer.



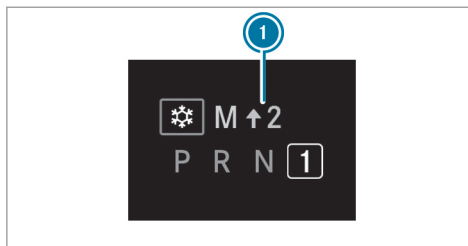
- ▶ **To shift up:** pull steering wheel gearshift paddle ②.
- ▶ **To shift down:** pull steering wheel gearshift paddle ①.



If the engine speed is too high or too low, you cannot change gear using the steering wheel gearshift paddles. In this case, segments ① light up red.

Gearshift recommendation

The gearshift recommendation assists you in adopting an economical driving style.



- ▶ If gearshift recommendation message ① is shown on the multifunction display, shift to the recommended gear.
- ① Gearshift recommendation is active only if you have activated manual gearshifting with the button on the center console.

Using kickdown

- ▶ **Maximum acceleration:** depress the accelerator pedal beyond the pressure point.


The automatic transmission shifts up to the next gear when the maximum engine speed is reached to protect the engine from overrevving.

- ① If you have activated manual gearshifting with the button in the center console, the transmission does not react to the kick-down.


Glide mode function

With an anticipatory driving style, glide mode helps you to reduce fuel consumption.

Glide mode is characterized by the following:

- The combustion engine is disconnected from the drivetrain and the vehicle continues to roll.
- The  symbol appears in the multifunction display.

Glide mode is activated if the following conditions are met:

- The ECO start/stop function is switched on.
- Drive program  is selected with the drive setting "Moderate" or "Reduced".
- The speed is within a suitable range.
- The road's course is suitable, e.g. no steep uphill or downhill inclines or tight curves.

- You are no longer depressing the accelerator or brake pedal.

Glide mode is deactivated again if one of the conditions is no longer met.

Refueling

Refueling the vehicle

⚠ WARNING Risk of fire or explosion from fuel

Fuels are highly flammable.

- ▶ Fire, open flames, smoking and creation of sparks must be avoided.
- ▶ Switch off the ignition and, if available, the stationary heater, before and while refueling the vehicle.

⚠ WARNING Risk of injury from fuels

Fuels are poisonous and hazardous to your health.

- ▶ Do not swallow fuel or let it come into contact with skin, eyes or clothing.
- ▶ Do not inhale fuel vapor.
- ▶ Keep children away from fuel.
- ▶ Keep doors and windows closed during the refueling process.

If you or other people come into contact with fuel, observe the following:

- ▶ Immediately rinse fuel off your skin with soap and water.
- ▶ If fuel comes into contact with your eyes, immediately rinse them thoroughly with clean water. Seek medical attention immediately.
- ▶ If you swallow fuel, seek medical attention immediately. Do not induce vomiting.
- ▶ Change immediately out of clothing that has come into contact with fuel.

⚠ WARNING Risk of fire and explosion due to electrostatic charge

Electrostatic charge can ignite fuel vapor.

- ▶ Before you open the fuel filler cap or take hold of the pump nozzle, touch the metallic vehicle body.
- ▶ To avoid creating another electrostatic charge, do not get into the vehicle again during the refueling process.

! NOTE Damage caused by the wrong fuel

Vehicles with a gasoline engine:

Even small amounts of the wrong fuel could result in damage to the fuel system, the engine and the emission control system.

- ▶ Only refuel with low-sulfur unleaded fuel.

This fuel may contain up to 10% ethanol. Your vehicle is suitable for use with E10 fuel.

Never refuel with one of the following fuels:

- Diesel
- Gasoline with more than 10% ethanol by volume, e.g. E15, E85, E100
- Gasoline with more than 3% methanol by volume, e.g. M15, M30, M85, M100
- Gasoline with additives containing metal

If you have accidentally refueled with the wrong fuel:

- ▶ Do not switch the ignition on.
- ▶ Consult a qualified specialist workshop.

! **NOTE** Do not use diesel to refuel vehicles with a gasoline engine

If you have accidentally refueled with the wrong fuel:

- Do not switch the ignition on. Otherwise fuel can enter the engine.

Even small amounts of the wrong fuel could result in damage to the fuel system and the engine. The repair costs are high.

- ▶ Consult a qualified specialist workshop.
- ▶ Have the fuel tank and fuel lines drained completely.

! **NOTE** Damage to the fuel system caused by overfilled fuel tanks

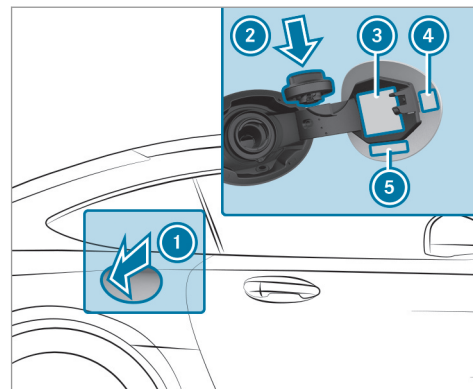
- ▶ Only fill the fuel tank until the pump nozzle switches off.

Requirements:

- The vehicle is unlocked.
- ① Do not get into the vehicle again during the refueling process. Otherwise, electrostatic charge could build up again.

Observe the notes on operating fluids and fuel.

Only refuel with fuel that has at least the octane number specified in the information label in the fuel filler flap. Otherwise, engine output can be reduced and fuel consumption increased.



- ① Fuel filler flap
- ② Bracket for fuel filler cap
- ③ Tire pressure table
- ④ QR code for rescue card
- ⑤ Fuel type

- ▶ Press on the back area of fuel filler flap ①.
- ▶ Turn the fuel filler cap counter-clockwise and remove it.

- ▶ Insert the fuel filler cap from above into bracket ②.
 - ▶ Completely insert the pump nozzle into the tank filler neck, hook in place and refuel.
 - ▶ Only fill the fuel tank until the pump nozzle switches off.
 - ▶ Replace the cap on the filler neck and turn clockwise until it engages audibly.
 - ▶ Close fuel filler flap ①.
- ① Close the fuel filler flap before locking the vehicle.

Parking

Parking the vehicle

- ⚠ WARNING** Risk of accident and injury caused by an insufficiently secured vehicle rolling away

If the vehicle is not securely parked sufficiently, it can roll away in an uncontrolled way even at a slight downhill gradient.

- ▶ On uphill or downhill gradients, turn the front wheels so that the vehicle rolls towards the curb if it starts moving.
- ▶ Apply the parking brake.
- ▶ Switch the transmission to position **P**.

- ⚠ WARNING** Risk of fire caused by hot exhaust system parts

Flammable materials such as leaves, grass or twigs may ignite.

- ▶ Park the vehicle so that no flammable material can come into contact with hot vehicle components.
- ▶ In particular, do not park on dry grass-land or harvested grain fields.

- ⚠ WARNING** Risk of accident and injury due to children left unattended in the vehicle

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

- Open doors, thereby endangering other persons or road users.
- Get out and be struck by oncoming traffic.
- Operate vehicle equipment and become trapped, for example.

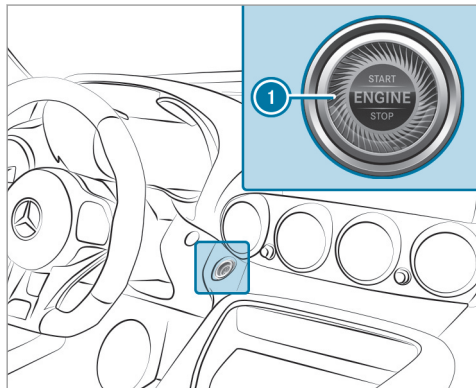
In addition, the children could also set the vehicle in motion, for example by:

- Releasing the parking brake.
 - Changing the transmission position.
 - Starting the vehicle.
- ▶ Never leave children unattended in the vehicle.
 - ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.

- ▶ Keep the vehicle SmartKey out of reach of children.

! **NOTE** Damage to the vehicle due to it rolling away

- ▶ Always secure the vehicle against rolling away.



- ▶ Bring the vehicle to a standstill by applying the brake pedal.
- ▶ On gradients, turn the front wheels so that the vehicle will roll towards the curb if it starts moving.
- ▶ Apply the electric parking brake.
- ▶ Engage transmission position **P** in a stationary vehicle with the brake pedal applied (→ page 110).
- ▶ Switch off the engine and the ignition by pressing button **1**.
- ▶ Release the service brake slowly.
- ▶ Get out of the vehicle and lock it.

Garage door opener

Programming buttons for the garage door opener

! **DANGER** Risk of death caused by exhaust gases

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Inhaling

these exhaust gases is hazardous to health and leads to poisoning.

- ▶ Never leave the engine or, if present, the auxiliary heating running in an enclosed space without sufficient ventilation.

! **WARNING** Risk of injury when opening or closing a door with the garage door opener

When you operate or program the door with the integrated garage door opener, persons in the range of movement of the door may become trapped or be struck by the door.

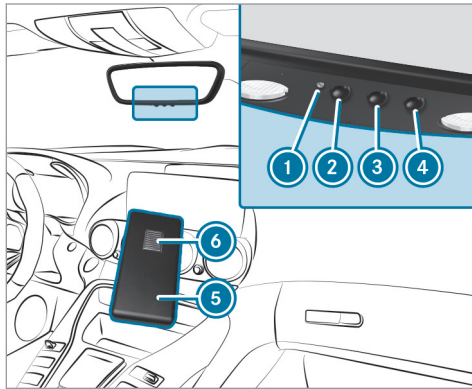
- ▶ Always make sure that nobody is within the range of movement of the door.

Only operate the following doors using the garage door opener:

- Doors with a safety stop and reversing feature.
- Doors which conform to the current U.S. safety standards.

Requirements:

- The vehicle has been parked outside the garage and outside the range of movement of the door.
 - The engine is switched off.
 - The ignition is switched on.
- i** The garage door opener function is always available when the ignition is switched on.



- ▶ Check if the transmitter frequency of the remote control has the frequency range of 280 to 868 MHz.
Radio equipment approval number:
 - NZLMUAHL5 (USA)
 - 4112A-MUAHL5 (Canada)
- ▶ Press and hold button **2**, **3** or **4** that you wish to program.
Indicator lamp **1** flashes yellow.
- i** It can take up to 20 seconds before the indicator lamp flashes yellow.
- ▶ Release the previously pressed button.
Indicator lamp **1** continues to flash yellow.
- ▶ Point remote control **5** from a distance of 0.4 in (1 cm) to 3 in (8 cm) towards button **2**, **3** or **4**.
- ▶ Press and hold button **6** of remote control **5** until one of the following signals appears:
 - Indicator lamp **1** lights up green continuously. Programming is complete.
 - Indicator lamp **1** flashes green. Programming was successful. Additionally,

synchronization of the rolling code with the door system must also be carried out.

- ▶ If indicator lamp **1** does not light up or flash green: repeat the procedure.
- ▶ Release all of the buttons.
- i** The remote control for the door drive is not included in the scope of delivery of the garage door opener.

Synchronizing the rolling code Requirements:

- The door system uses a rolling code.
 - The vehicle must be within range of the garage door or door drive.
 - The vehicle as well as persons and objects are located outside the range of movement of the door.
- ▶ Press the programming button on the door drive unit.
Initiate the next step within approximately 30 seconds.

- ▶ Press previously programmed button ②, ③ or ④ repeatedly until the door closes. When the door closes, programming is completed.

i Please also read the operating instructions for the door drive.

Troubleshooting when programming the remote control

- ▶ Check if the transmitter frequency of remote control ⑤ is supported.
- ▶ Replace the batteries in remote control ⑤.
- ▶ Hold remote control ⑤ at various angles from a distance of 0.4 in (1 cm) to 3 in (8 cm) front of the inside rearview mirror. You should test every position for at least 25 seconds before trying another position.
- ▶ Hold remote control ⑤ at the same angles at various distances in front of the inside rearview mirror. You should test every position for at least 25 seconds before trying another position.

- ▶ On remote controls that transmit only for a limited period, press button ④ on remote control ⑤ again before transmission ends.
- ▶ Align the antenna line of the door opener unit with the remote control.

i Support and additional information on programming:

- on the toll free HomeLink® Hotline on 1-800-355-3515
- on the Internet at <https://www.homelink.com/mercedes>

Opening or closing the garage door Requirements:

- The corresponding button is programmed to operate the door.
- ▶ Press and hold buttons ②, ③ or ④ until the door opens or closes.
- ▶ If indicator lamp ① flashes yellow after approximately 20 seconds: press and hold the previously pressed button again until the door opens or closes.

Clearing the garage door opener memory

- ▶ Press and hold buttons ② and ④. Indicator lamp ① lights up yellow.
- ▶ If indicator lamp ① flashes green: release buttons ② and ④. The entire memory has been deleted.

Electric parking brake

Function of the electric parking brake (applying automatically)

⚠ WARNING Risk of accident and injury due to children left unattended in the vehicle

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

- Open doors, thereby endangering other persons or road users.
- Get out and be struck by oncoming traffic.
- Operate vehicle equipment and become trapped, for example.

In addition, the children could also set the vehicle in motion, for example by:

- Releasing the parking brake.
 - Changing the transmission position.
 - Starting the vehicle.
- ▶ Never leave children unattended in the vehicle.
 - ▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.
 - ▶ Keep the vehicle SmartKey out of reach of children.

The electric parking brake is applied if the transmission is in position **P** and one of the following conditions is fulfilled:

- The engine is switched off.
- The seat belt tongue is not inserted in the seat belt buckle of the driver's seat and the driver's door is opened.

i To prevent application: pull the handle of the electric parking brake.

In the following situations, the electric parking brake is also applied:

- The HOLD function is keeping the vehicle stationary.

This is the case if one of the following conditions is also fulfilled:

- The engine is switched off.
- The seat belt tongue is not inserted in the seat belt buckle of the driver's seat and the driver's door is opened.
- There is a system malfunction.
- The power supply is insufficient.
- The vehicle is stationary for a lengthy period.

When the electric parking brake is applied, the red **PARK** (USA) or **P** (Canada) indicator lamp lights up in the instrument cluster.

The electric parking brake is not automatically applied if the engine is switched off by the ECO start/stop function.

Electric parking brake function (releasing automatically)

The electric parking brake is released when the following conditions are fulfilled:

- The driver's door is closed.
- The engine is running.
- The transmission is in position **D** or **R** and you depress the accelerator pedal or you shift from transmission position **P** to **D** or **R** when on level ground with the driver's door closed.
- If the transmission is in position **R**, the tail-gate must be closed.
- The seat belt tongue is inserted into the seat belt buckle of the driver's seat.

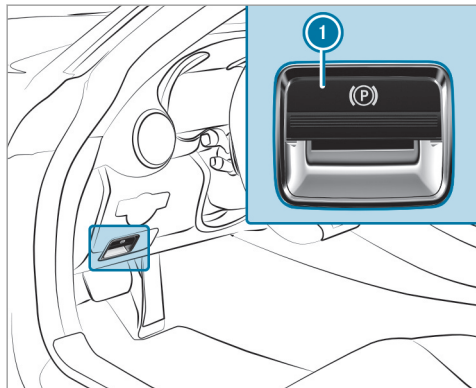
If the seat belt tongue is not inserted into the seat belt buckle of the driver's seat, one of the following conditions must be fulfilled:

- You shift from transmission position **P**.
- You have previously driven at speeds greater than 2 mph (3 km/h).

When the electric parking brake is released, the red **PARK** (USA) or **(P)** (Canada) indicator lamp in the instrument cluster goes out.

Applying/releasing the electric parking brake manually

Applying



- ▶ Push handle ①.
The red **PARK** (USA) or **(P)** (Canada) indicator lamp lights up in the instrument cluster.

① The electric parking brake is only securely applied if the indicator lamp is lit continuously.

Releasing

- ▶ Switch on the ignition.
- ▶ Pull handle ①.
The red **PARK** (USA) or **(P)** (Canada) indicator lamp in the instrument cluster goes out.

Emergency braking

- ▶ Press and hold handle ①.
As long as the vehicle is driving, the **Please Release Parking Brake** message is displayed and the red **(P)** indicator lamp flashes.

When the vehicle has been braked to a standstill, the electric parking brake is applied. The red **PARK** (USA) or **(P)** (Canada) indicator lamp lights up in the instrument cluster.

Notes on parking the vehicle for an extended period

If you leave the vehicle parked for longer than six weeks, it may suffer damage through disuse.

The 12 V battery may also be impaired or damaged by heavy discharging.

① Further information can be obtained at a qualified specialist workshop.

Driving and driving safety systems

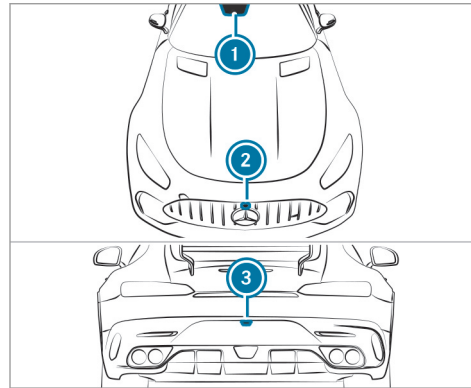
Driving systems and your responsibility

Your vehicle is equipped with driving systems which assist you in driving, parking and maneuvering the vehicle. The driving systems are only aids. They are not a substitute for your attention to the surroundings and do not relieve you of your responsibility pertaining to road traffic law. The driver is always responsible for maintaining a safe distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane. Pay attention to the traffic conditions at all times and intervene when necessary. Be

aware of the limitations regarding the safe use of these systems.

Driving systems can neither reduce the risk of accident if you fail to adapt your driving style nor override the laws of physics. They cannot always take into account road, weather or traffic conditions.

Information on vehicle sensors and cameras



- ① Multifunction camera
 - ② Front camera
 - ③ Rear view camera
- ⓘ Depending on the vehicle's equipment, the radar sensors are integrated behind the bumpers and/or behind the radiator grill.

Some driving and driving safety systems use cameras and sensors to monitor the area in front of, behind or next to the vehicle.

Keep the areas around the sensors and cameras free of dirt, ice or slush (→ page 266). The cameras and sensors must not be covered, for example by bicycle racks, overhanging loads, stickers, foil or foils to protect against stone chipping. Additional license plate bracket can impair the function of the ultrasonic sensors, in particular.

In the event of damage or a severe impact in the area of the sensors, have the function of the sensors checked at a qualified specialist workshop. Have damage or stone chipping in the area of the cameras repaired at a qualified specialist workshop. If the sensors or cameras are damaged, some driving systems and driving safety systems may no longer function properly.

Overview of driving systems and driving safety systems

- ABS (**A**nti-**l**ock **B**raking **S**ystem) (→ page 122)
- BAS (**B**rake **A**ssist **S**ystem) (→ page 122)

122 Driving and parking

- ESP® (Electronic Stability Program) (→ page 122)
- EBD (Electronic Brakeforce Distribution) (→ page 125)
- Cruise control (→ page 125)
- Hill Start Assist (→ page 127)
- HOLD function (→ page 127)
- RACE START (→ page 128)
- Traction control (→ page 129)
- AMG adaptive sport suspension system (→ page 134)
- Front and rear view camera (→ page 135)
- ATTENTION ASSIST (→ page 137)
- Blind Spot Assist (→ page 139)
- Lane Keeping Assist (→ page 140)

Function of ABS

The Anti-lock Brake System (ABS) regulates the brake pressure in critical driving situations:

- During braking, e.g. at full brake application or insufficient tire traction, the wheels are prevented from locking.
- Vehicle steerability while braking is ensured.

If ABS intervenes when braking, you will feel a pulsing in the brake pedal. The pulsating brake pedal can be an indication of hazardous road conditions and can serve as a reminder to take extra care while driving.

Function of BAS

The Brake Assist System (BAS) supports your emergency braking situation with additional brake force.

If you depress the brake pedal quickly, BAS is activated:

- BAS automatically boosts the brake pressure.
- BAS can shorten the braking distance.

- ABS prevents the wheels from locking.

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

Functions of ESP®

⚠ WARNING Risk of skidding if ESP® is malfunctioning

If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.

- ▶ Drive on carefully.
- ▶ Have ESP® checked at a qualified specialist workshop.

You can select between the following modes of the Electronic Stability Program (ESP®):

- ESP® ON
- ESP® SPORT
- ESP® OFF

Characteristics when ESP® is activated


ESP® monitors and improves driving stability and traction, particularly in the following situations:

- When pulling away on a wet or slippery road.
- When braking.

ESP® can stabilize the vehicle by intervening in the following ways:

- One or more wheels are braked.
- The engine output is adapted according to the situation.

ESP® is activated every time the engine is started regardless of whether ESP® was in ESP® SPORT or deactivated before the engine was switched off.

If the  ESP® warning lamp flashes in the instrument cluster, one or several vehicle wheels has reached its grip limit:

- Adapt the driving style to suit the prevailing road and weather conditions.
- Do not deactivate ESP® under any circumstances.



- Only depress the accelerator pedal as far as is necessary.

Characteristics of ESP® SPORT

⚠ WARNING Risk of skidding if ESP® SPORT is used incorrectly


When you activate ESP® SPORT, there is an increased risk of skidding and having an accident.

- ▶ Activate ESP® SPORT only in the circumstances described below.

When ESP® SPORT is activated, the  and  warning lamps light up continuously in the instrument cluster.

Select ESP® SPORT when the vehicle's own oversteering and understeering characteristics are desired, e.g. on designated roads.

Driving with ESP® SPORT or with ESP® deactivated requires an extremely qualified and experienced driver.

If ESP® SPORT is activated and one or more wheels start to spin, the  ESP® warning lamp on the instrument cluster flashes. ESP® then only stabilizes the vehicle to a limited degree.

ESP® SPORT also has the following characteristics:



- ESP® only improves driving stability to a limited degree.
- ETS/4ETS traction control is still active.
- The engine's torque is only restricted to a limited degree and the drive wheels can spin. The spinning of the wheels results in a cutting action for better traction on loose surfaces.
- ESP® continues to provide assistance when the brakes are firmly applied.

Characteristics when ESP® is deactivated

⚠ WARNING Risk of skidding if ESP® is deactivated

If you deactivate ESP®, ESP® cannot carry out vehicle stabilization.

▶ ESP® should only be deactivated in the following situations.

When ESP® is deactivated, the  and  warning lamps light up continuously in the instrument cluster.


Deactivating ESP® has the following effects:

- Driving stability will no longer be improved.
 - The drive wheels could spin.
 - ETS/4ETS traction control is still active.
- i** Even when ESP® is deactivated, you are still assisted by ESP® when braking hard.

It may be best to activate ESP® SPORT or deactivate ESP® in the following situations:

- When using snow chains.

- In deep snow.
 - On sand or gravel.
- i** Spinning the wheels results in a cutting action, which enhances traction.
- i** Activate ESP® as soon as the situations described above no longer apply. ESP® will otherwise not be able to stabilize the vehicle if the vehicle starts to skid or a wheel starts to spin.

If the  ESP® warning lamp lights up continuously even when ESP® is activated, ESP® is not available due to a malfunction.

Observe any information which may be displayed in the instrument cluster:

- Indicator and warning lamps (→ page 365)
- Display messages (→ page 328)

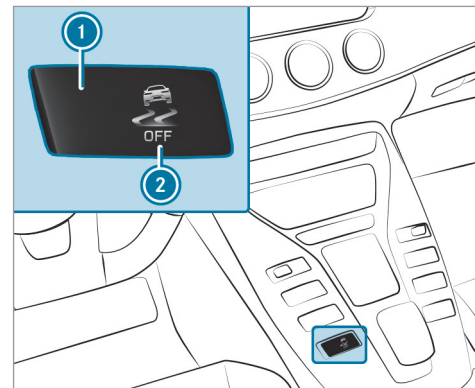
ETS/4ETS (Electronic Traction System)

ETS/4ETS traction control is part of ESP®.

ETS/4ETS can improve the vehicle's traction by intervening in the following ways:

- The drive wheels are braked individually if they spin.

- More drive torque is transferred to the wheel or wheels with traction.


Activating/deactivating ESP® (Electronic Stability Program)

▶ **To activate ESP® SPORT:** press and hold display button ① until the road in button symbol ② lights up yellow. The  and  warning lamps appear in the instrument cluster.

▶ **To deactivate ESP®:** press and hold display button ① until the road in button symbol ② lights up red. The  and  warning lamps appear in the instrument cluster.

① When you deactivate ESP® in the  drive program, AMG Dynamics automatically switches to the **Master** level.

▶ **To activate ESP®:** press and hold display button ① until the road in button symbol ② lights up blue. The ,  and  warning lamps go out.

When the  symbol is shown with a red ! on the display button, ESP® is malfunctioning. Observe the information on warning lamps and display messages which may be shown in the instrument cluster.

Function of ESP® Crosswind Assist

ESP® Crosswind Assist detects sudden gusts of side wind and helps the driver to keep the vehicle in the lane:

- ESP® Crosswind Assist is active at vehicle speeds between approx. 47 mph (75 km/h) and 125 mph (200 km/h) when driving straight ahead or cornering slightly.
- The vehicle is stabilized by means of individual brake application on one side.

Function of EBD

Electronic Brakeforce Distribution (EBD) is characterized by the following:

- Monitoring and regulating the brake pressure on the rear wheels.
- Improved driving stability when braking, especially on bends.

Speed control cruise control

Function of cruise control



Cruise control regulates the speed to the value selected by the driver.


If you accelerate to overtake, for example, the stored speed is not deleted. If you remove your foot from the accelerator pedal after overtaking, cruise control will resume speed regulation back to the stored speed.

Cruise control is operated using the corresponding steering wheel buttons. You can store any speed above 19 mph (30 km/h) up to the maximum design speed.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize dangers (→ page 120).

Displays on the multifunction display

-  (gray): cruise control is selected but not yet activated.
-  (green): cruise control is active.

A stored speed appears along with the  display.

- i The segments between the stored speed and the end of the segment display light up in the speedometer.

System limits

Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed is resumed when the gradient evens out.

Change into a lower gear in good time on long and steep downhill gradients. Take particular note of this when driving a laden vehicle. By doing so, you will make use of the braking effect of the engine. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Do not use cruise control in the following situations:

- In traffic situations which require frequent changes of speed, e.g. in heavy traffic, on winding roads.
- On slippery roads. Accelerating can cause the drive wheels to lose traction and the vehicle could then skid.
- If you are driving when visibility is poor.

Operating cruise control

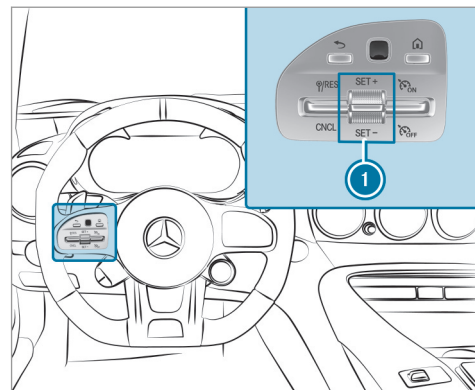
⚠ WARNING Risk of accident due to stored speed

If you call up the stored speed and this is lower than your current speed, the vehicle decelerates.

- ▶ Take into account the traffic situation before calling up the stored speed.

Requirements:


- ESP® must be activated, but not intervening.
- The vehicle speed is at least 15 mph (20 km/h).
- The transmission is in position **D**.



Operating cruise control

- ▶ Press the rocker switches on the steering wheel control panel up or down to the desired position.

Activating cruise control

- ▶ Select  with the right rocker switch.

Activating cruise control

- ▶ Press rocker switch ① up **SET+** or down **SET-**.
The current speed is stored and maintained by the vehicle.
- or
- ▶ Select **RES/Ⓜ** with the left rocker switch.
The last stored speed is called up and maintained by the vehicle.
- If the last stored speed has previously been deleted, the current vehicle speed is stored.
- ① When you switch off the vehicle, the last speed stored is cleared.

Increasing or decreasing the stored speed

- ▶ 1 mph (1 km/h): press rocker switch ① up **SET+** or down **SET-** to the pressure point.
- or
- ▶ 5 mph (10 km/h): press rocker switch ① up **SET+** or down **SET-** beyond the pressure point.
- or
- ▶ Accelerate the vehicle to the desired speed and press rocker switch ① up **SET+**.

Deactivating cruise control

- ▶ Select **CNCL** with the left rocker switch.

Deactivating cruise control

- ▶ Select **OFF** with the right rocker switch.
- ① If you brake, deactivate ESP® or if ESP® intervenes, cruise control is deactivated.

Function of Hill Start Assist

Hill Start Assist holds the vehicle for a short time when pulling away on a hill under the following conditions:

- The transmission is in position **D** or **R**.
- The electric parking brake is released.

This gives you enough time to move your foot from the brake pedal to the accelerator pedal and depress it before the vehicle begins to roll away.

⚠ WARNING Risk of accident and injury due to the vehicle rolling away

After a short time, Hill Start Assist no longer holds the vehicle.

- ▶ Swiftly move your foot from the brake pedal to the accelerator pedal. Do not leave the vehicle when it is being held by Hill Start Assist.

HOLD function

HOLD function

The HOLD function holds the vehicle at a standstill without requiring you to depress the brake pedal, e.g. while waiting in traffic.

The HOLD function is only an aid. The responsibility for the vehicle safely standing still remains with the driver.

System limits

The HOLD function is only intended to provide assistance when driving and is not a sufficient means of safeguarding the vehicle against rolling away when stationary.

- The incline must not be greater than 30%.

Activating/deactivating the HOLD function

⚠ WARNING Risk of an accident due to the HOLD function being active when you leave the vehicle

If the vehicle is only braked with the HOLD function it could, in the following situations, roll away:

- If there is a malfunction in the system or in the power supply.
 - If the HOLD function is deactivated by depressing the accelerator pedal or brake pedal, e.g. by a vehicle occupant.
- ▶ Always secure the vehicle against rolling away before you leave it.

Requirements:

- The vehicle is stationary.
- The driver's door is closed or the seat belt on the driver's side is fastened.
- The engine is running or has been automatically switched off by the ECO start/stop function.

- The electric parking brake is released.
- The transmission is in position **D**, **R** or **N**.

Activating the HOLD function

- ▶ Depress the brake pedal, and after a short time quickly depress further until the **HOLD** display appears in the multifunction display.
- ▶ Release the brake pedal.

Deactivating the HOLD function

- ▶ Depress the accelerator pedal to pull away. or
- ▶ Depress the brake pedal until the **HOLD** display disappears from the multifunction display.

The HOLD function is deactivated in the following situations:

- The transmission is shifted to position **P**.
- The vehicle is secured with the electric parking brake.

In the following situations, the vehicle is held by transmission position **P** and/or by the electric parking brake:

- The seat belt is unfastened and the driver's door is opened.
- The vehicle is switched off.
- There is a malfunction in the system or the power supply is insufficient.

RACE START

Function of RACE START

RACE START enables optimal vehicle acceleration from a standstill. For this, a suitably high-grip road surface is required, the tires and vehicle must also be in good condition.

- ⓘ Use RACE START only after the vehicle has been broken in (→ page 95).
- ⓘ RACE START may not be used on normal roads. RACE START must only be activated and used on dedicated race circuits, not on public roads. Be sure to read the safety notes and information on ESP® (→ page 122).

⚠ WARNING Risk of skidding and having an accident from wheels spinning

If you use RACE START, depending on the ESP® mode selected, there is an increased risk of skidding and having an accident.

- ▶ Make sure that no persons or obstacles are in the close vicinity of your vehicle.

Activating RACE START

Requirements:

- the driver's door is closed.
- the engine is running and the transmission and engine are at normal operating temperature.
- the front wheel is in the straight-ahead position.
- the vehicle is on level ground.
- the vehicle is stationary, the brake pedal is depressed (left foot) and the parking brake is released.
- the transmission is in position **D**.
- one of the drive programs **S**, **S** or **S** is selected (→ page 106).
- ▶ Rapidly depress the accelerator pedal fully. The engine speed increases.
 - ⓘ If the activation conditions are not fulfilled, RACE START cannot be activated. The **RACE START Not Possible See Operator's Manual** message appears in the multifunction display.
- ▶ The **RACE START Release brake to start** message appears in the multifunction display.
 - ⓘ In this phase you can adjust RACE START depending on the road conditions: you can vary the engine speed by pulling on one of the steering wheel gearshift paddles. The segments in the multifunction display flicker rapidly.
 - ⓘ If the brake pedal is not released after a short while, RACE START is canceled. The **RACE START Canceled** message appears in the multifunction display.

- ▶ Take your foot off the brake, but keep the accelerator pedal depressed. The vehicle pulls away at maximum acceleration. The **RACE START Active** message appears in the multifunction display.

RACE START is deactivated immediately if you release the accelerator pedal during RACE START or if any of the activation conditions are no longer fulfilled. The **RACE START Canceled** message appears in the multifunction display.

- ⓘ After using it several times in short succession, RACE START is unavailable until a certain distance has been driven.

Traction control

Function of traction control

⚠ WARNING Risk of skidding if ESP® is deactivated

If you deactivate ESP®, ESP® cannot carry out vehicle stabilization.

- ▶ ESP® should only be deactivated in the following situations.

Adjustable traction control is used to enhance performance on a race track and is only activated when ESP® is deactivated. You can adjust the level of assistance from traction control and, in doing so, adjust the balance between stability and agility gradually while accelerating.


Traction control supports you only in metering the engine output. As ESP® is deactivated, ESP® does not stabilize the vehicle if the vehicle starts to skid.

- ① Deactivating ESP® and using adjustable traction control requires a highly qualified and experienced driver.

Adjustable traction control may not be used on normal roads. Adjustable traction control may only be activated and used on dedicated race circuits, not on public roads.

Be sure to observe the safety notes and information on ESP® (→ page 122).

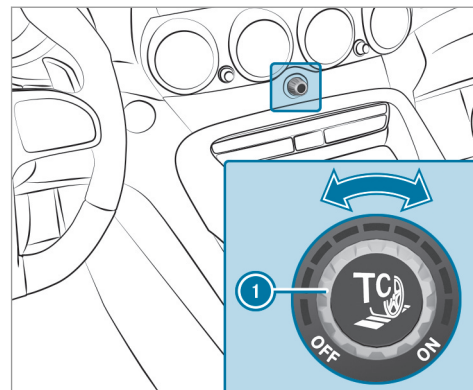
Adjusting traction control Requirements:

- ESP® is deactivated. The  and **ESP OFF** warning lamps light up in the instrument cluster (→ page 124).

You can adjust the level of assistance from traction control and, in doing so, adjust the balance between stability and agility gradually while accelerating.

Take the following parameters into account:

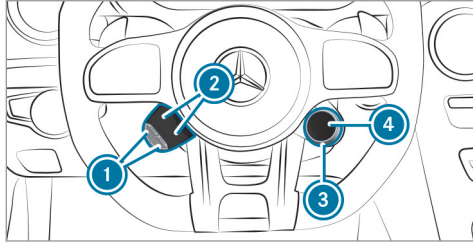
- Current road conditions
- Type of tire used
- Road characteristics
- Tire condition, such as temperature or wear
- Personal driving style



- ▶ To increase or reduce the level of assistance from traction control, turn control with LED segment display ① clockwise or counter-clockwise.
If you turn the control all the way counter-clockwise (OFF), traction control is deactivated and all the LEDs light up.

If you activate ESP®, the level of assistance from traction control is controlled automatically.

Function of the AMG steering-wheel buttons



The AMG steering-wheel buttons are two additional control elements on the steering wheel.

You can assign two vehicle functions of your choice to the left control element. You can change between the available functions by pressing display buttons ② repeatedly. The currently selected functions are displayed in display buttons ②.

The following functions are available:

- ESP®(→ page 122)
- AMG adaptive sport suspension system(→ page 134)
- AMG Performance exhaust system (→ page 101)
- ECO start/stop function (→ page 99)
- Manual gearshifting (→ page 111)
- AMG Dynamics(→ page 106)
- Rear wing(→ page 131)
- Front and rear view camera (→ page 135)

If you have assigned a function to one of display buttons ②, you can operate this function with corresponding button ①.

The assignment of display button ② remains stored even after a new engine start, but the operating status of the respective function is reset to the basic setting.

You can change between the drive programs with stabilizer bar actuator ③. The selected drive program appears in display button ④. By pressing display button ④, you can directly access the drive program **IP** (Individual) (→ page 106).

Rear wing

Function of the rear wing

Your vehicle is equipped with a fixed double rear wing. The two wings can be moved into two steeper positions independently of each other to ensure optimum coordination of the rear axle power output on the race track (→ page 132).

The flat positions must be set for both wings when driving on public roads. All other wing positions are not permitted for normal road operation.

A flap is integrated in the upper wing that automatically extends and retracts when the vehicle is in motion. This adapts the aerodynamics of the vehicle to the current operating conditions. In racetrack mode, the flap also increases the power output in certain driving conditions, such as during cornering or braking.

You can manually extend and retract the flap of the upper wing for cleaning (→ page 132).

Extending and retracting the flap for cleaning

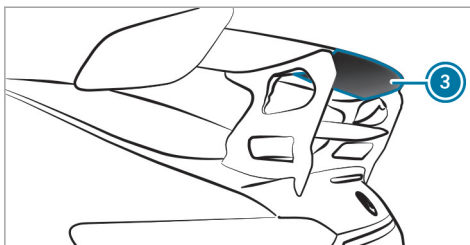
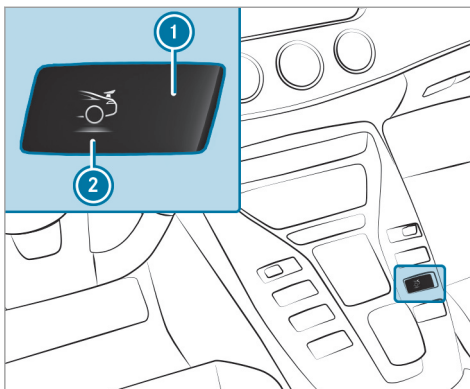
⚠ WARNING Risk of becoming trapped when the flap is extended and retracted manually

Parts of the body could become trapped.

- ▶ Ensure that there is no one in the sweep of the flap when it is retracted.
- ▶ If someone does become trapped when the flap is retracted, release the display switch immediately. The flap will then extend again.

Requirements:

- The ignition is switched on.
- The tailgate is closed.



▶ **To extend:** press display switch ①.

▶ **To retract:** press and hold display switch ①. Flap ③ in the double rear wing will extend or retract.

The color of the symbol on display switch ② shows the position of flap ③:

- **Blue:** retracted
- **Red:** extended
- **Yellow:** extending or retracting

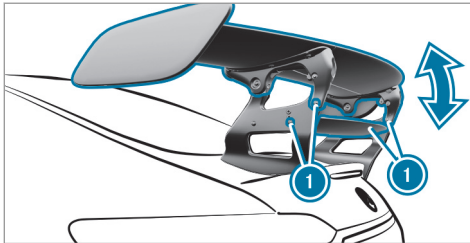
The different positions of the flap are also indicated on the instrument cluster.

Adjusting the fixed rear wing Requirements:

- There is a socket wrench available for the rear wing's bolts.

The double rear wing improves the rear axle output and, therefore, the vehicle's driving stability. You can move the two wings into two more inclined positions and into one flat position.

When you move the rear wing into the more inclined position, the rear axle output and the air resistance increase.



- ▶ Unscrew bolts ① for the wing in question with a socket wrench.
- ▶ Tilt the wing in question into one of the two positions, upwards or downwards into a flat position.
- ▶ Tighten bolts ① of the adjusted wing.
Specified tightening torque: 7.5 lb-ft (10 Nm).

Front diffuser

Function of the adjustable front diffuser

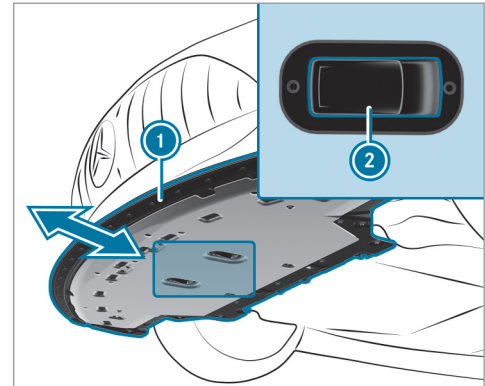
The adjustable front diffuser is attached to the underbody in the front section and, together with the stationary rear wing, optimizes the vehicle's

aerodynamics. The extended position of the front diffuser is not permitted for normal road operation. It may be used for racing mode only on dedicated race circuits, not on public roads. The extended front diffuser changes the pressure distribution across the underbody and thus increases the power output to the maximum level.

The front diffuser can be fully extended for race-track mode and for cleaning (→ page 133).

Extending and retracting the front diffuser Requirements:

- The vehicle is parked on a vehicle lift, ramp or similar and the adjustable front diffuser can be accessed from below.



- ▶ **To extend:** pull levers ② down. Adjustable front diffuser ① will be released.
- ▶ Pull front diffuser ① out as far as it will go and into the front detent under the vehicle using levers ②.
- ▶ Push levers ② up.
- ▶ Check that front diffuser ① is engaged.

If the front diffuser is not engaged, the front diffuser warning lamp will light up on the instrument cluster:



- ▶ Make sure that front diffuser ① is engaged.

When the front diffuser is extended, a corresponding message will appear on the multifunction display with each ignition cycle and when the driver's door is closed.

- ▶ Acknowledge the message using the Touch Control.

i Note the restricted ground clearance when the front diffuser is extended.

- ▶ **To retract:** pull levers ② down and release front diffuser ①.
- ▶ Slide front diffuser ① under the vehicle as far as it will go and into the rear detent using levers ②.
- ▶ Push levers ② up.

- ▶ Check that front diffuser ① is engaged.

If the front diffuser is not engaged, the front diffuser warning lamp will light up on the instrument cluster:



- ▶ Make sure that front diffuser ① is engaged.

AMG adaptive sport suspension system

Function of AMG adaptive sport suspension system

AMG adaptive sport suspension system is an electronically controlled damping system for improved driving comfort and increased driving safety.

The damping is adjusted individually to each wheel and depends on the following factors:

- driving style, e.g. sporty
- road condition, e.g. bumps
- drive program selected

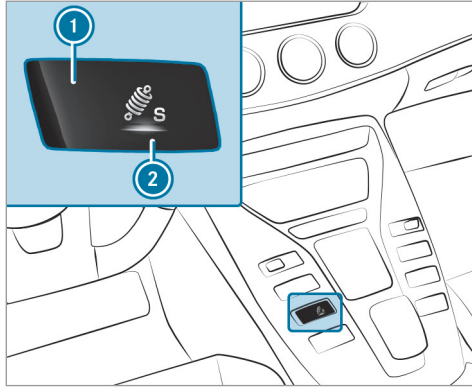
- selected suspension setting **SPORT, SPORT +** or **COMFORT**

i When the vehicle is started again, the **COMFORT** setting is activated automatically.

Selecting the suspension setting




You can select from three different suspension settings:

- **COMFORT** ensures a comfortable suspension setting. Select this suspension setting if you prefer a comfortable driving style.
- **SPORT** ensures a firmer suspension setting. Select this suspension setting when employing a sporty driving style, e.g. on winding country roads.
- **SPORT PLUS** ensures a very firm suspension setting.



- ▶ Press display button ①.

The display button shows currently selected suspension setting ②:

-  **C** (blue): COMFORT
-  **S** (yellow): SPORT
-  **S+** (red): SPORT PLUS

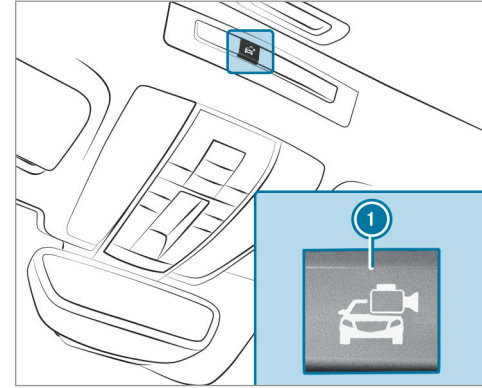
The selected suspension setting is shown in the multifunction display as a message.

Front and rear view camera

Function of the front camera and rear view camera

The front camera and rear view camera help you to orient yourself, and they help you to avoid obstacles when maneuvering.

When automatic operation of the rear view camera is activated in the multimedia system, the image from the rear view camera is displayed automatically when reverse gear is selected (→ page 137).



The front camera view can be called up using button ① or using the softkeys in the multimedia system.

- ① You can also switch between the front camera and rear view camera views using the AMG steering-wheel buttons (→ page 131).

- ❶ If the rear view camera is active and you shift from reverse gear to the drive position, the view automatically switches from the rear view camera to the front camera.

The front camera and rear view camera are only aids. They are not a substitute for your attention to the surroundings. The responsibility for safe maneuvering and parking remains with you. Make sure that there are no persons, animals or objects etc., in the maneuvering area while maneuvering and parking.

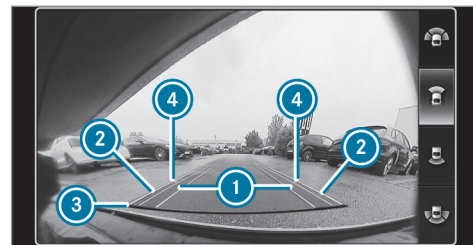
The area behind the vehicle is displayed as a mirror image, as in the inside rearview mirror.

You can switch between various views in the multimedia system, not just between the front camera and rear view camera.



- ❶ Front camera, wide-angle view
- ❷ Front camera, standard view
- ❸ Rear view camera, standard view
- ❹ Rear view camera, wide-angle view

Dynamic guide lines in the camera image show the path the vehicle will take with the steering wheel in its current position. This helps you to orient yourself and to avoid obstacles when maneuvering.



- ❶ Yellow lanes marking the course the tires will take with the current steering angle (dynamic)
- ❷ Yellow guide line, vehicle width (driven surface) depending on the current steering angle (dynamic)
- ❸ Red guide line at a distance of approximately 1 in (0.3 m) from the rear area
- ❹ Mark at a distance of approx. 3.3 ft (1.0 m)

The guide lines in the media display show the distances to your vehicle. The distances displayed only apply to road level.

System limits

The cameras will not function or will only partially function in the following situations:

- There is heavy rain, snow or fog.
- The ambient light conditions are poor, e.g. at night.
- The respective camera lens is obstructed, dirty or fogged up. Observe the notes on cleaning the cameras (→ page 266).
- Cameras, or vehicle components in which the cameras are installed, are damaged. In this event, have the cameras, their positions and their setting checked at a qualified specialist workshop.

The field of vision and other functions of the rear view camera may be restricted due to additional accessories (e.g. license plate bracket or bicycle rack).

- ⓘ The display contrast may be impaired due to incident sunlight or other light sources. In this case, pay particular attention.

- ⓘ Have the display repaired or replaced if, for example, pixel errors considerably restrict its use.

Switching rear view camera automatic mode on/off

The rear view camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe maneuvering and parking remains with you. Make sure that no persons, animals or objects etc. are in the maneuvering range. Pay attention to your surroundings and be ready to brake at all times.

Multimedia system:

→ Vehicle ▶ Assistance
 ▶ Camera & Parking ▶ Auto. Rear View Cam.

▶ Switch the function on or off .

ATTENTION ASSIST

Function of ATTENTION ASSIST

ATTENTION ASSIST assists you on long, monotonous journeys, e.g. on highways and trunk roads. If ATTENTION ASSIST detects indicators of fati-

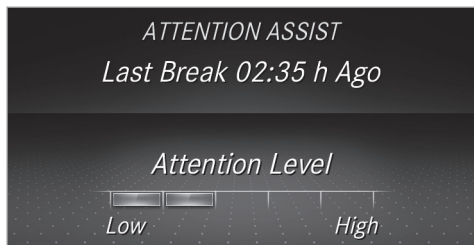
gue or increasing lapses in concentration on the part of the driver, it suggests taking a break.

ATTENTION ASSIST is only an aid. It cannot always detect fatigue or lapses in concentration in time. The system is not a substitute for a well-rested and attentive driver. On long journeys, take regular breaks in good time that allow for adequate recuperation.

You can choose between two settings:

- **Standard:** normal system sensitivity.
- **Sensitive:** higher system sensitivity. The driver is warned earlier and the attention level detected by ATTENTION ASSIST is adapted accordingly.

If drowsiness or increasing lapses in concentration are detected, the **ATTENTION ASSIST: Take a Break!** warning appears in the Instrument Display. You can acknowledge the message and take a break where necessary. If you do not take a break and ATTENTION ASSIST continues to detect increasing lapses in concentration, you will be warned again after a minimum of 15 minutes.




You can have the following status information for ATTENTION ASSIST displayed in the assistance menu of the on-board computer:

- The length of the journey since the last break.
- The attention level determined by ATTENTION ASSIST.

If ATTENTION ASSIST is unable to calculate the attention level and cannot issue a warning, the **System Suspended** message appears.

If a warning is given in the Instrument Display, the multimedia system offers to search for a rest area. You can select a rest area and start naviga-

tion to this rest area. This function can be activated and deactivated in the multimedia system.

If ATTENTION ASSIST is deactivated, the  symbol appears in the assistance graphic in the Instrument Display when the engine is running. ATTENTION ASSIST is activated automatically when the engine is re-started. The last selected sensitivity level remains stored.

System limits

ATTENTION ASSIST is active in the 37 mph (60 km/h) to 124 mph (200 km/h) speed range. Particularly in the following situations, ATTENTION ASSIST only functions in a restricted manner and warnings may be delayed or not occur:

- If you have been driving for less than approximately 30 minutes.
- If the road condition is poor (uneven road surface or potholes).
- If there is a strong side wind.
- If you adopt a sporty driving style (high cornering speeds or high rates of acceleration).
- If the time has been set incorrectly.

- If you change lanes and vary your speed frequently in active driving situations.

The ATTENTION ASSIST tiredness or alertness assessment is deleted and restarted when continuing the journey in the following situations:

- If you switch off the engine.
- If you unfasten your seat belt and open the driver's door (e.g. changing drivers or taking a break).

Setting ATTENTION ASSIST

Multimedia system:


 **Vehicle**  **Assistance**
 **ATTENTION ASSIST**

Setting options

 Select **Standard**, **Sensitive** or **Off**.

Suggesting a rest area

 Select **Suggest Rest Area**.

 Activate or deactivate the function . If ATTENTION ASSIST detects fatigue or increasing lack of attention, it suggests a rest area in the vicinity.

- ▶ **Select a suggested rest area:** you are guided to the selected rest area.

Blind Spot Assist

Function of Blind Spot Assist

At speeds above approximately 18 mph (30 km/h), Blind Spot Assist uses two lateral, rear-facing radar sensors to monitor the area up to 10 ft (3 m) behind your vehicle and directly next to your vehicle. Below 18 mph (30 km/h), the system is not active and vehicles in the monitoring range are not detected.

If Blind Spot Assist is activated, the warning lamp in the outside mirror lights up yellow at speeds of up to 18 mph (30 km/h). At speeds above approximately 18 mph (30 km/h), the warning lamp goes out and Blind Spot Assist is operational.

If a vehicle is detected within the monitoring range at speeds above 18 mph (30 km/h), the warning lamp in the outside mirror lights up red.

If a vehicle is detected close to your vehicle in the lateral monitoring range and you switch on the turn signal indicator in the corresponding

direction, a warning tone sounds once and the warning lamp in the outside mirror flashes red. If the turn signal indicator remains switched on, all other detected vehicles are indicated only by the flashing of the red warning lamp.

If you overtake a vehicle quickly, no warning is given.

▲ WARNING Risk of accident despite Blind Spot Assist

Blind Spot Assist does not react to vehicles approaching and overtaking you at a greatly different speed.

Blind Spot Assist cannot warn drivers in this situation.

- ▶ Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.

Blind Spot Assist is only an aid. It may fail to detect some vehicles and is not a substitute for attentive driving. Always ensure that there is sufficient distance to the side for other road users and obstacles.

System limits

The system may be limited, particularly in the following situations:

- The sensors are dirty or covered.
- Poor visibility, e.g. due to fog, heavy rain, snow or spray.
- Narrow vehicles, e.g. bicycles, are within the monitoring range.
- If the lanes are very narrow or very wide, especially if vehicles are not driving in the middle of their lane.

Warnings may be issued in error when driving close to crash barriers or similar continuous lane borders. Warnings may be interrupted when driving alongside long vehicles, for example trucks, for a prolonged time.

Blind Spot Assist is not operational when reverse gear is engaged.

Activating/deactivating Blind Spot Assist or Active Blind Spot Assist

Multimedia system:

→ Vehicle →  Assistance
→ Blind Spot Assist

▶ Activate or deactivate the function.

Lane Keeping Assist

Function of Lane Keeping Assist

Lane Keeping Assist monitors the area in front of your vehicle by means of multifunction camera (→ page 121). It serves to protect you against unintentionally leaving your lane. You will be warned by means of a vibration in the steering wheel.

Lane Keeping Assist is available in the speed range between 40 mph (60 km/h) and 120 mph (200 km/h).

Lane Keeping Assist can neither reduce the risk of an accident if you fail to adapt your driving style nor override the laws of physics. It cannot take into account road, weather or traffic conditions. Lane Keeping Assist is only an aid. You are

responsible for maintaining a safe distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

You are warned by vibration pulses in the steering wheel in the following circumstances:

- Lane Keeping Assist detects lane markings.
- A front wheel passes over the lane markings.

Whether a warning is issued and when this occurs also depends on the selected sensitivity setting (standard or adaptive).

System limits

The system may be impaired or may not function particularly in the following situations:

- If there is poor visibility, e.g. due to insufficient illumination of the road, if there are highly variable shade conditions or in rain, snow, fog or heavy spray.
- If there is glare, e.g. from oncoming traffic, the sun or reflections.
- If the windshield in the area of the multifunction camera is dirty, or if the camera is fogged up, damaged or covered.

- If there are no lane markings, or several unclear lane markings are present for one lane, e.g. around roadworks.
- If the lane markings are worn, dark or covered.
- If the distance to the vehicle in front is too short and thus the lane markings cannot be detected.
- If the lane markings change quickly, e.g. lanes branch off, cross one another or merge.
- If the road is very narrow and winding.

Sensitivity of Lane Keeping Assist

With the Standard or Adaptive setting, you can influence when the warning vibration of Lane Keeping Assist takes place.

In both the Standard and Adaptive settings, no warning vibration occurs in the following situations:

- You have switched on the turn signal indicator.
- A driving safety system intervenes, such as ABS, BAS or ESP®.

In the Adaptive setting, there will also be no warning vibration in the following situations:

- The vehicle is accelerated or braked considerably.
- You steer actively, e.g. swerve to avoid an obstacle or change lane quickly.
- You cut the corner on a sharp bend.

Setting Lane Keeping Assist

Multimedia system:

↳ Vehicle ▶  Assistance

▶▶ Lane Keeping Assist

▶ Select **Adaptive** or **Standard**.

Lane Keeping Assist is activated with the selected setting.

or

▶ Select **Off**.

Lane Keeping Assist is deactivated.

systems can lead to damage on the vehicle.

When you are towing a vehicle with tow bar systems, safe driving characteristics cannot be guaranteed for the towing vehicle or the towed vehicle. The vehicle-trailer combination may swerve from side to side. Comply with the permitted towing methods (→ page 280) and the instructions for towing with both axles on the ground (→ page 281).

Vehicle towing instructions

The vehicle is not suitable for the use of tow bar systems that are used for flat towing or dinghy towing, for example. Attaching and using tow bar

Notes on the Instrument Display and on-board computer

⚠ WARNING Risk of accident due to an Instrument Display malfunction

If the Instrument Display has failed or malfunctioned, the function restrictions applying to safety relevant systems are not visible.

The operating safety of your vehicle may be impaired.

- ▶ Drive on carefully.
- ▶ Have the vehicle checked immediately at a qualified specialist workshop.

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

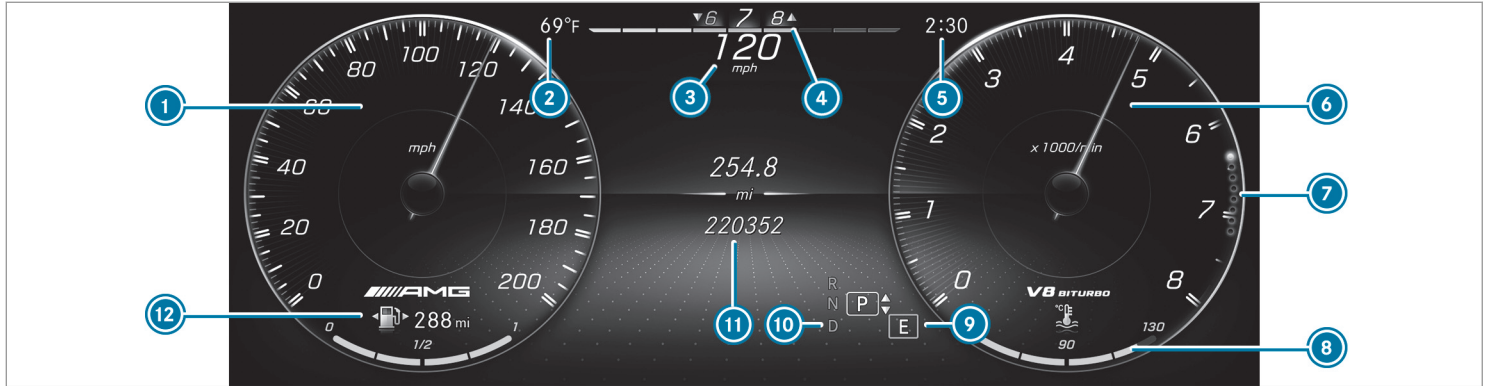
- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the on-board computer.

The on-board computer shows only display messages and warnings from specific systems on the multifunction display. You must therefore ensure that your vehicle is always reliable.

If the operating safety of your vehicle is impaired, park the vehicle immediately and safely. Contact a qualified specialist workshop.

Instrument Display overview



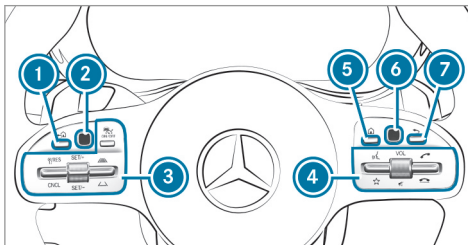
- ① Speedometer
The segments on the speedometer indicate the statuses of the following systems: cruise control/limiter/Active Distance Assist DISTRONIC
- ② Outside temperature
- ③ Digital speedometer

- ④ Gear display
- ⑤ Time
- ⑥ Multi-value range (example: tachometer): tachometer/Navigation/AMG TRACK PACE/Warm-up/Trip computer/G-meter/Date/Engine data

- ⑦ Index points
- ⑧ Coolant temperature display
During normal operation, the coolant temperature display is permitted to rise to 248°F (120°C).

- 9 Selected drive program
- 10 Selected transmission position
- 11 Multifunction display (example: standard display for trip): Assistance/Service/Performance/Telephone/Navigation/Trip/Media/Radio/Styles
- 12 Fuel level and fuel filler flap location indicator

Overview of the buttons on the steering wheel



- 1 Back/Home button (press and hold), on-board computer
- 2 Touch Control, on-board computer
- 3 Control panel for cruise control or Active Distance Assist DISTRONIC
- 4 Control panel for multimedia system:
 - Voice Control System
 - Displays favorites
 - VOL: control adjusts the volume or switches the sound off (press)
 - Makes/accepts a call

- Rejects/ends a call
- 5 Calls up the home screen
- 6 Touch Control multimedia system
- 7 Back button

Operating the on-board computer

Observe the legal requirements for the country in which you are currently driving when operating the on-board computer.





The on-board computer is operated using the left-hand Touch Control and the left-hand back/home button.



When the on-board computer is being operated, different acoustic signals will sound as operating feedback, e.g. when the end of a list is reached or when you are scrolling through a list.


The following menus are available:


- [Service](#)
- [DriveAssist](#)
- [Performance](#)
- [Trip](#)
- [Navigation](#)
- [Radio](#)
- [Media](#)
- [Phone](#)
- [Designs](#)


 You can find information about the possible settings and selections on the menus in the Digital Operator's Manual.


 **To call up the menu bar:** press the left-hand back button until the menu bar is displayed.

 **Vehicles without Active Distance Assist DISTRONIC:** press the  button to call up the menu bar of the on-board computer.

 **To scroll in the menu bar:** swipe left or right on the left-hand Touch Control.



 **To call up a menu, submenu or possible settings on the menu, or confirm a selection or setting:** press the left-hand Touch Control.




 **To scroll through displays or lists on the menu, or select display content, a function, an entry or a display:** swipe upwards or downwards on the left-hand Touch Control.

 **To exit a submenu:** press the left-hand back button.

Overview of displays on the multifunction display

Displays on the multifunction display



-  Cruise control (→ page 125)
-  Lane Keeping Assist (→ page 140)

-  ECO start/stop function
-  HOLD function (→ page 127)
-  Adaptive Highbeam Assist (→ page 82)

Adjusting the instrument lighting

Multimedia system:

 Vehicle   Light Settings

-  Select [Instr. Cluster Lighting](#).
-  Set a brightness value.
The brightness of the Instrument Display will be adapted.

Notes on operating safety

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

For your own safety, always observe the following points when operating mobile communications equipment and especially your voice control system:

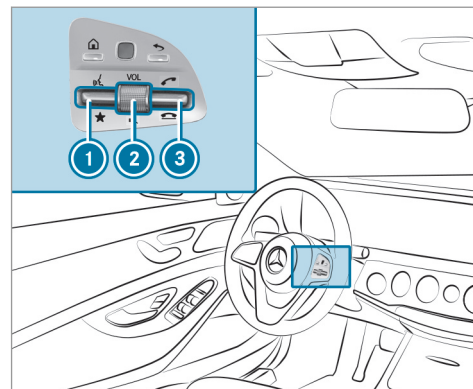
- Observe the legal requirements for the country in which you are driving.



- If you use the voice control system in an emergency your voice can change and your telephone call, e.g. an emergency call, can thereby be unnecessarily delayed.
- Familiarize yourself with the voice control system functions before starting the journey.



Operation

Overview of operation of the Voice Control System on the multifunction steering wheel


The Voice Control System is operational approximately thirty seconds after the ignition is switched on.



- ① Press the rocker switch up:  starts the Voice Control System
- ② Press the control:  switches the sound off or on (ends the Voice Control System)
Turn the control up/down: increases/decreases the volume

- ③ Press the rocker switch up:  makes/ accepts a call
Press the rocker switch down:  rejects/ ends a call (ends the Voice Control System)

Conducting a dialog with the Voice Control System

- ▶ **To start or continue a dialog:** on the multi-function steering wheel, press the  rocker switch up.
You can say a voice command after an acoustic signal.
- ▶ **To correct an entry:** say the Correction voice command.
- ▶ **To select an entry from the selection list:** say the line number or the contents.
- ▶ **To browse the selection list:** say the Next or Back voice command.
- ▶ **To interrupt the dialog:** say the Pause voice command.
- ▶ **To cancel the dialog:** say the Cancel voice command.

Operable functions

You can use the Voice Control System to operate the following equipment depending on the features:

- Telephone
- Text messages
- Navigation
- Address book
- Radio
- Audio (memory card, Media Interface, USB and Bluetooth® audio)
- Vehicle

Overview of types of voice command

A distinction is made between the following voice commands:

- **Global voice commands** can be said at any time and regardless of the current application, e.g. the voice commands Navigate to, Call or Text message to.

- **Application-specific voice commands** are only available for the active application.

Once the Voice Control System is started an autocue is shown. Apart from the available voice commands for the application currently active, this also cites example voice commands for other applications which are not active. In this way, you will be familiar more quickly with the available voice commands. The list can be scrolled or it can be operated by speech or the controller/touchpad.


Information on the language setting

You can change the language of the Voice Control System via the system language settings. If the set system language is not supported by the Voice Control System, English will be selected. The Voice Control System is available in English, French, Portuguese and Spanish.

Using the Voice Control System effectively

Features of audible help functions

You receive information and help for the following topics:

- **Optimum operation:** say the brief instruction voice command.
- **Current application:** on the multifunction steering wheel, press the  rocker switch up and say the Help voice command.
- **Continued dialog:** say the Help voice command during a voice dialog.
- **Specific function:** say voice commands for the desired function, e.g. Help telephone.

Switch voice commands

Voice command	Function
Navigation	To switch to navigation mode
Map	To switch to map display

Notes on how to improve speech quality

If the Voice Control System does not understand you:

- only operate the Voice Control System from the driver's seat.
- say the voice commands coherently and clearly, but do not exaggerate the words.
- avoid loud noises that cause interference while making a voice command entry, e.g. the blower.

A voice tag in the address book is not recognized:

- only create sensible address book entries in the system/mobile phone, e.g. enter surname and first name in the correct field.

- do not use any abbreviations, unnecessary spaces or special characters.

If a station list entry is not recognized:

- say the Read out station list voice command.

Essential voice commands

Overview of switch voice commands

Switch voice commands can be used to open certain applications. The voice command selection can be used regardless of the application that is currently active.

Voice command	Function
Address book	To switch to address book
Telephone	To switch to telephone mode
Text message	To switch to text messages
Radio	To switch to radio mode
Media	To switch to media mode
USB	To switch to USB
Memory card	To switch to memory card
Internet application <Name>	To start a Mercedes-Benz online application. The application must be called up once using the multimedia system prior to use.
Mercedes-Benz Apps	To switch to Mercedes-Benz Apps
Connect	To switch to Internet mode
Vehicle menu	To switch to vehicle settings
System settings menu	To switch to system settings

Overview of navigation voice commands

Using navigation voice commands, you can enter POIs or conventional addresses and make important navigation settings directly.

Navigation voice commands

Voice command	Function
Navigate to <Address/POI/Contact>	Universal search for all types of destinations. A search is conducted in the address book contacts, the navigation database and on the Internet (POIs). The order of the details, e.g. city, street or house number, can be changed.
Address in <Country>	Destination entry in a desired country, e.g. address in France
Home	Starts navigation to home address
Work	Starts navigation to your workspace
POI <POI>	Destination entry for a POI, e.g. the POI Brandenburg Gate. A search is performed in the navigation database and on the Internet.
POI online search <POI>	Conducts a POI search on the Internet only
Navigate to contact <Name>	Destination entry to a contact in the address book

Voice command	Function
Enter country Enter city Enter district Enter street Enter intersection Enter house number Enter ZIP code	Enters a country/city/district/street/intersection/house number/ZIP code
Nearest restaurant Nearest parking lot Nearest rest area with restrooms Nearest gas station	Searches for nearby restaurants, parking options, rest areas with restrooms and gas stations
Restaurant along the route Parking along the route Rest area with restrooms along the route Gas stations along the route	Searches for restaurants, parking options, rest areas with restrooms and gas stations along the route

Voice command	Function
Restaurant at destination Parking at destination Rest area with restrooms at destination Gas station at destination	Searches for restaurants, parking options, rest areas with restrooms and gas stations at the destination
Last destinations	Selects a destination from the list of last entered destinations
Alternative routes	Switches route guidance to another route
Start route guidance	Starts route guidance after entering a valid destination
Cancel route guidance	Cancels route guidance
Guidance instructions on Guidance instructions off	Switches the route guidance voice output on/off
Show traffic map Hide traffic map	Switches the traffic map on/off
Switch on POI symbols Switch off POI symbols	Switches the POI symbols display on the map on/off

Overview of telephone voice commands

You can use the telephone voice commands to make phone calls or search through the address book.

Telephone voice commands

Voice command	Function
Call <Name>	Makes a phone call. All address book names are available.
Search for contact <Name>	Searches for and displays a contact. All address book names are available.
Outgoing calls	Displays the last call
Redial	Selects the last phone number dialed

Overview of radio voice commands

Radio voice commands can also be used when the radio application is running in the background.

Radio voice commands

Voice command	Function
Station <Name>	To call up receivable or saved stations
<Frequency>	To enter a frequency directly
Next station	To switch to the next available station
Previous station	To switch to the previous station
Save station	To save a station in the station list
Show station list	To display the names of all receivable stations
Read out station list	To listen to the names of all receivable stations
Traffic information on Traffic information off	To switch the traffic information service on/off
Radio info on Radio info off	To switch information about the current station on/off

Overview of media player voice commands

Media player voice commands can also be used when the media player is running in the background.

Media player voice commands

Voice command	Function
Play <Tracks> Play <Albums> Play <Artists> Play<Composers> Play <Genres> Play <Playlists>	The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.
Media search <Track> Media search <Albums> Media search <Artists> Media search <Composers> Media search <Genres> Media search <Playlists>	The names of all available tracks, albums, artists, composers, genres or playlists are accepted during the search.

Voice command	Function
Show all albums Show all artists Show all composers Show all genres Show all tracks Show all playlists	Available albums, artists, composers, genres, tracks or playlists are searched for.
Next track	To select the next track
Previous track	To select the previous track
Random track list on Random track list off	To switch the random track list on/off

Overview of message voice commands

Text messages can be created, edited and listened to using the message voice commands.

Message voice commands

Voice command	Function
Text message to <Name>	To create a message. All address book names are available.
Reply	To reply to a message
Forward text message	To forward a message

Overview of vehicle voice commands

You can use the vehicle voice commands to directly call up the corresponding menus for the vehicle settings.

Vehicle voice commands

Voice command	Function
Display and styles menu	To show display settings
Assistance menu	To display assistance settings
Climate control menu	To display climate control settings
Light menu	To display light settings

158 Voice Control System

Voice command	Function
Outside temperature	To display the outside temperature
Engine data	To display engine data
Consumption menu	To display consumption
Vehicle data	To display vehicle data

Overview and operation

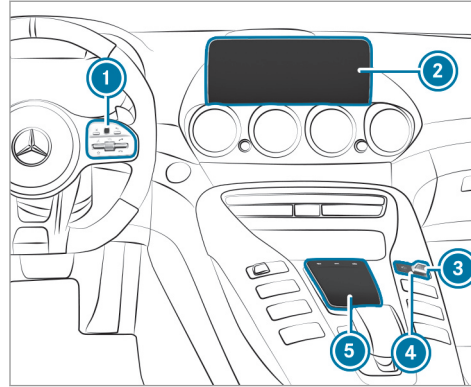
Overview of the multimedia system

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

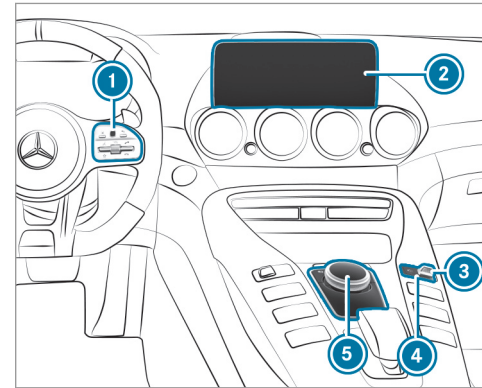


Equipment with touchpad

- ① Touch Control
Multimedia system button group on the steering wheel (→ page 144)
- ② Media display
- ③ Press the rocker switch up or down: increases or decreases the volume (→ page 165)
- ④ Display button shows volume, current volume when setting the volume or mute

Press the display button: switches the multimedia system on/off

- ⑤ Touchpad



Equipment with controller

- ① Touch Control
Multimedia system button group on the steering wheel (→ page 144)
- ② Media display

- ③ Press the rocker switch up or down: increases or decreases the volume (→ page 165)
- ④ Display button shows volume, current volume when setting the volume or mute
Press the display button: switches the multimedia system on/off
- ⑤ Touchpad or controller

Notes on the media display

1 NOTE Scratches on the display

The display has a highly sensitive, high-gloss surface. There is a risk of it becoming scratched.

- ▶ Avoid touching the display.
- ▶ Observe the notes on cleaning.

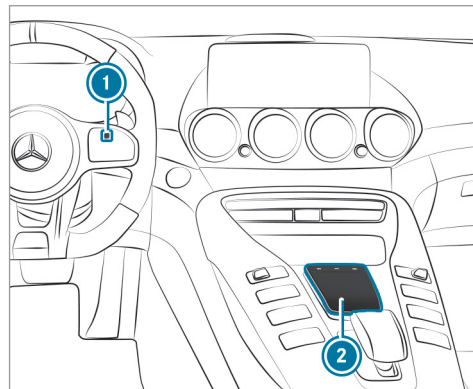
Observe the notes on caring for the interior (→ page 267).

Automatic temperature-controlled switch-off feature: if the temperature is too high, the brightness is initially reduced automatically. The

display may then switch off completely for a while.

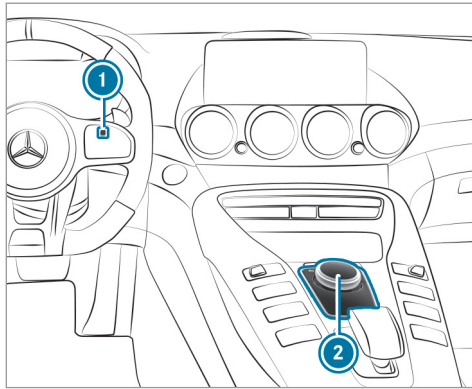
- ① If you are wearing polarized sunglasses, it may be difficult to read the display.

Central control elements overview



Touchpad equipment

- ① Touch Control
- ② Touchpad

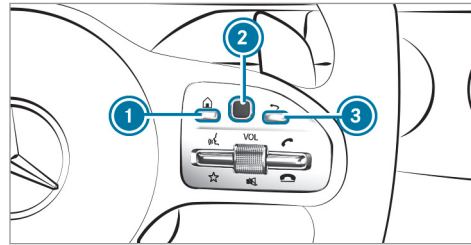


Controller equipment

- ① Touch Control
- ② Controller

Touch Control

Operating Touch Control



- ▶ **To call up main functions:** press button ①.

or

- ▶ Press and hold button ③.
- ▶ **To call up favorites:** press button ①.
- ▶ Swipe down on Touch Control ②.
- ▶ **To open a list:** press Touch Control ②.
- ▶ **To close a list:** press button ③.

or

- ▶ Swipe right on Touch Control ②.

- ▶ **To select a menu item:** swipe up, down, left or right on Touch Control ②.
- ▶ Press Touch Control ②.
- ▶ **To move the digital map:** swipe in any direction.

Setting the sensitivity for the Touch Control

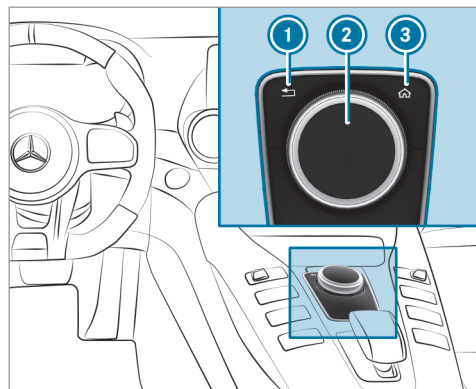
Multimedia system:

- ▶ System ▶ Input
- ▶ Touch Control Sensitivity
- ▶ Select Fast, Medium or Slow.

Operating the controller

Requirements:

- The multimedia system is equipped with a controller.



- 1 button
Press briefly: returns to the previous display
Press and hold: calls up main functions
- 2 Controller
- 3 button
Calls up main functions and favorites

Controller operating options:

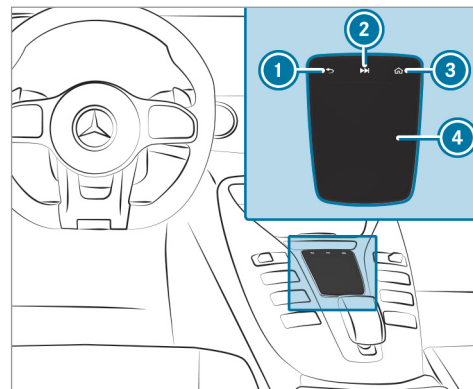
- ▶ Turn counter-clockwise or clockwise.
- ▶ Slide left or right.
- ▶ Slide up or down.
- ▶ Slide diagonally.
- ▶ Press briefly or press and hold.

Touchpad


Operating the touchpad


Requirements:

- The multimedia system is equipped with a touchpad.



- 1 button
Press briefly: returns to the previous display
- 2 button
Calls up the control menu of the last active audio source
- 3 button
Calls up main functions and favorites
- 4 Touchpad

You can navigate in menus and lists via touch-sensitive surface  by using a **single-finger swipe**.

- ▶ **To open or close lists:** swipe left or right.
- ▶ **To select the menu item:** swipe up, down, left or right.
- ▶ Press touchpad .
- ▶ **To move the digital map:** swipe in any direction.

Use the following functions with a two-finger swipe:

- ▶ **To call up main functions and favorites:** swipe down with two fingers. The swipe must start in the upper area of the touchpad.
- ▶ **To zoom in and out of the map:** move two fingers together or apart.
- ▶ **To call up the control menu of the last active audio source:** swipe up with two fingers. The swipe must start in the lower area of the touchpad.

Setting the sensitivity for the touchpad

Multimedia system:

↳ System ▶  Input

- ▶ Select **Touchpad Sensitivity**.
- ▶ Select **Fast**, **Medium** or **Slow**.
- ▶ **To set the pressure sensitivity:** switch **Touchpad Tap** on or off . If the function is switched on , a tap on the touchpad is enough to select a menu item.

Handwriting recognition: switching the read-aloud function on/off

Multimedia system:

↳ System ▶  Audio

▶ System Feedback

- ▶ Switch **Read Out Handwriting Recognition** on or off .

Activating/deactivating haptic operating feedback on the touchpad

Multimedia system:

↳ System ▶  Input

The function supports you when making entries on the touchpad and when selecting menus.

- ▶ Switch **Haptic Operating Feedback** on or off . When the function is activated, a tactile feedback in the form of a vibration is effected when the touchpad is operated.

Selecting a station and track using the touchpad

- ▶ Press the  button on the touchpad.

or

- ▶ Swipe up with two fingers. The swipe must start in the lower area of the touchpad. The control menu appears for the audio source that was last selected.
- ▶ Use one finger to swipe up or down. Radio: the previous or the next station is set. Media source: the previous or the next music track is selected.

- ▶ **To hide the control menu:** swipe down with two fingers. The swipe must start in the upper area of the touchpad.

Favorites

Overview of favorites


Favorites offer you quick access to frequently used applications. It is possible to create 20 favorites in total.

The following functions are available:

- add **pre-defined favorites** from the following categories (→ page 164):
 - Navigation
 - Entertainment
 - Phone
 - Connect
 - Vehicle
 - System Settings
- add **your own favorites** (→ page 164)
- rename favorites (→ page 164).
- move favorites (→ page 165).

- delete favorites (→ page 165).
- reset all favorites (→ page 165)

Calling up favorites


- ▶ Press the  button. The main functions are displayed.
- ▶ Navigate downwards once. Navigating means:
 - Swiping on the Touch Control or the touchpad
 - Sliding the controller

Leaving the favorites menu

- ▶ Press the  button.


Adding favorites

Adding predefined favorites

- ▶ Press the  button. The main functions are displayed.
- ▶ Navigate downwards twice. The Favorites menu appears.
- ▶ Select **New Favorite**. The categories are displayed.


- ▶ Select a category. The favorites are displayed.
- ▶ Select a favorite.
- ▶ Store the favorite at the desired position. If a favorite has already been added at this position, it will be overwritten.

Example: adding your own favorites

- ▶ Select **Vehicle**.
- ▶ Select **Full Screen: Consumption**.
- ▶ Press and hold the  button until the favorites are displayed.
- ▶ Store the favorite at the desired position.


If **No function available for saving**. is shown, the selected function cannot be added.

Renaming favorites


- ▶ Press the  button. The main functions are displayed.
- ▶ Navigate downwards once.
- ▶ Select a favorite.
- ▶ Navigate downwards once. The Favorites menu appears.

- ▶ Select **Rename**.
- ▶ Enter the characters.
- ▶ **To confirm the entry:** select **OK**.

Moving favorites

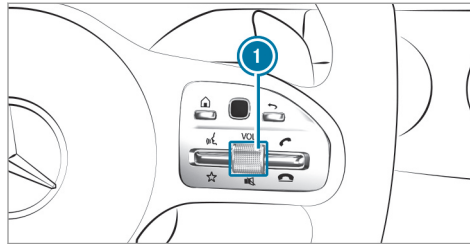
- ▶ Press the  button.
The main functions are displayed.
- ▶ Navigate downwards once.
- ▶ Select a favorite.
- ▶ Navigate downwards once.
The Favorites menu appears.
- ▶ Select **Move**.
- ▶ Move the favorite to the desired position.
If a favorite has already been added at this position, it will be overwritten.



Deleting favorites

- ▶ Press the  button.
The main functions are displayed.
- ▶ Navigate downwards once.
- ▶ Select a favorite.
- ▶ Navigate downwards once.
The Favorites menu appears.

- ▶ **To delete:** select **Delete**.
- ▶ Select **Yes**.
- ▶ **To restore all favorites:** select **Reset All**.
A prompt appears.
- ▶ Select **Yes**.
The favorites are reset to the factory settings.

Switching the sound on/off



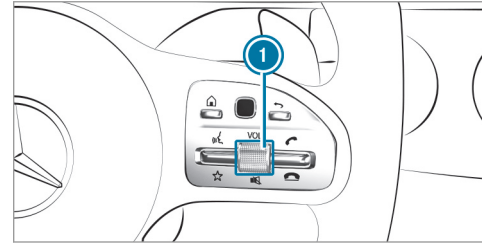
- ▶ **To mute:** press volume control . The  symbol appears in the status line of the media display.


You will also hear traffic announcements and navigation announcements even when the sound is muted.

- ▶ **To switch on:** change the media source or turn volume control .

Adjusting the volume

Setting with the volume control on the multi-function steering wheel



- ▶ Turn volume control . The volume of the current radio or media source is set. The volume of other audio sources can be adjusted separately.

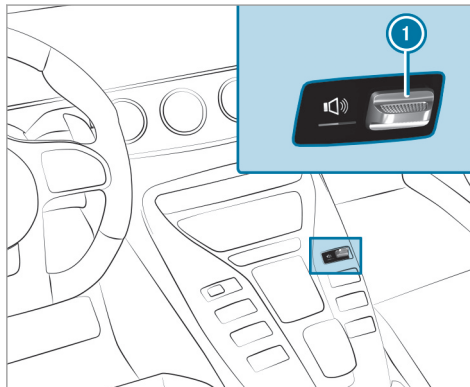
Adjust this in the following situations:

- During a traffic announcement
- During a navigation announcement

The volume of the navigation announcement changes in accordance with the volume of the current media source.

- During a telephone call
- When entering or exiting a parking space while using Active Parking Assist

Setting with the rocker switch on the multimedia system



- ▶ Press rocker switch ① up or down. The volume is increased or reduced.

When adjusting the volume, the display button to the left of the rocker switch shows the current volume.

Setting in the menu

- ▶ Select **System** in the multimedia system.
- ▶ Select **Audio**.
- ▶ Select a volume setting.
- ▶ Set the volume.

Entering characters

Using the character input function

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road

and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

Use the character input function in the following situations, for example:

- Renaming a favorite
- Entering a POI or address
- Making a phone call

The following functions are available:

- Selecting a character in the character bar
- Writing a character on the touchpad

Character input can be started with a control element and resumed with another.

The multimedia system is equipped with either a touchpad or controller.

▶ **On the Touch Control and controller (if available):** select the characters in the character bar.

Depending on the target entry, the following characters are available:

- The full set of characters is shown
 - Only those characters which are useful for the current input string are shown
- Other characters are grayed out.

▶ **On the touchpad (if available):** select the characters in the character bar.

or

▶ Write the characters on the touch-sensitive surface of the touchpad. Handwriting recognition supports you by means of character suggestions and a read-aloud function.

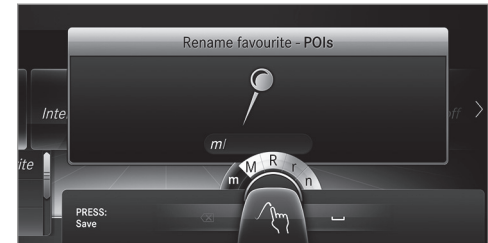
Examples of character entry:

- Renaming a favorite
- Entering a POI or an address using free or step-by-step search
- Entering a web address


Entering characters on the touchpad
Requirements:

- The entered or selected character should be read out: the handwriting recognition read-aloud function is switched on (→ page 163).

Example: renaming favorites



- ▶ Call up the "Renaming favorites" function (→ page 164).
- ▶ **To enter a character:** use your finger to write characters on the touchpad. The character is entered in the input line. If different interpretations are possible, character suggestions are displayed.

- ▶ **To select a character suggestion:** swipe up or down on the touchpad.
 - ▶ Resume character input.
 - ▶ **To enter a space:** swipe right when the cursor is located in the input line.
 - ▶ **To delete a character:** swipe left when the cursor is located in the input line.
 - ▶ **To confirm the entry:** press the touchpad.
 - ▶ **To finish character entry:** swipe upwards.
- or
- ▶ Press the  button.

Example: entering a destination (navigation)

- ▶ Enter the POI or address (→ page 184).

System settings

Display

Configuring display settings


Multimedia system:

- ↳ System ▶  Display and Designs

Setting the display brightness

- ▶ Select [Display Brightness](#).
- ▶ Select a brightness value.

Switching the display off/on

- ▶ **To switch off:** select [Display Off](#).
- ▶ **To switch on:** press a button, , for example.

Display design

- ▶ Select [Day/Night Design](#).
- ▶ Select [Automatic](#), [Day Design](#) or [Night Design](#).

Additional display area

Depending on the vehicle, various items of additional information can be shown. The additional

display area comprises the left-hand or right-hand third of the display.

- ▶ Select [Additional Disp. Area](#).

The following display content can be selected:

- [Dynamic](#)
- [Navigation Map](#)
- [Consumption](#)
- [Time and Date](#)


Time and date

Setting the time and date automatically

Multimedia system:

- ↳ System ▶  Time and Date

- ▶ Deactivate [Manual Time Adjustment](#).
The time and date are set automatically for the selected time zone and summer time option.

 The correct time is required for the following functions:

- Route guidance with time-dependent traffic guidance.

- Calculation of expected time of arrival.

Setting the time zone

Multimedia system:

- ↳ System >>  Time and Date
- ↳ Time Zone:

The list of countries is displayed.

- ▶ Select a country •.
Depending on the country, time zones are displayed.
- ▶ Select a time zone.
The time zone set is displayed after [Time Zone](#).

Setting summer time

The [Automatic Daylight Saving Time](#) and [Daylight Saving Time](#) options cannot be selected in all countries.

Multimedia system:

- ↳ System >>  Time and Date

Automatically


- ▶ Switch [Automatic Daylight Saving Time](#) on or off .

Manually

- ▶ Deactivate [Automatic Daylight Saving Time](#).
- ▶ Select [Daylight Saving Time](#).
- ▶ Select [On](#) or [Off](#).

Setting the time and date format

Multimedia system:


- ↳ System >>  Time and Date
- ↳ Set Format
- ▶ Set the date and time format •.

Setting the time manually

Requirements:

- The [Manual Time Adjustment](#) function is switched on.

Multimedia system:

- ↳ System >>  Time and Date
- ↳ Set Time
- ▶ Set the hours.
- ▶ Navigate to the right to set the minutes.
- ▶ Set the minutes.

- ▶ Confirm changes when exiting the menu.

The date is set automatically via GPS.

Bluetooth®

Information about Bluetooth®

Bluetooth® technology is a standard for short-range wireless data transfer up to approximately 32.8 ft (10 m).

You can use Bluetooth® to connect your mobile phone to the multimedia system and use the following functions, for example:

- Hands-free system with access to the following options:
 - contacts (→ page 214)
 - call lists (→ page 216)
 - text message (→ page 217)
- Internet connection (→ page 231)
- Listening to music via Bluetooth® audio
- Transferring business cards (vCards) into the vehicle

Bluetooth® is a registered trademark of Bluetooth Special Interest Group (SIG) Inc.

- ❶ Internet connection via Bluetooth® is not available in all countries.

Activating/deactivating Bluetooth® Requirements:

- Deactivate Bluetooth®: Apple CarPlay® is not active.

Multimedia system:

→ System →  Connectivity

- ▶ Activate or deactivate Bluetooth®.

If Android Auto is active, a prompt appears asking whether Bluetooth® should be deactivated.

- ▶ Select **Yes**.

Android Auto is closed and Bluetooth® is deactivated.

Wi-Fi

Wi-Fi connection overview

You can use Wi-Fi to establish a connection with a Wi-Fi network and to access the Internet or other network devices.

The following connection options are available:

- Wi-Fi connection

The Wi-Fi connection to a Wi-Fi-capable device, e.g. the customer's mobile phone or a tablet PC is established.

- Multimedia system as a Wi-Fi hotspot

Using this function, a tablet PC or notebook can be connected, for example.

To establish a connection, you can use the following methods:

- WPS PIN

The connection to a secure Wi-Fi network is made via a PIN.

- WPS PBC

The connection to a secure Wi-Fi network is made by pressing a button (push button).

- Security key

The connection to a secure Wi-Fi network is made via a security key.

Setting up Wi-Fi Requirements:

- The device to be connected supports one of the three means of connection described (→ page 170).

Multimedia system:

→ System →  Connectivity

Activating/deactivating Wi-Fi

- ▶ Switch **Wi-Fi** on or off .

If **Wi-Fi** is deactivated , communication via Wi-Fi to all devices is interrupted. This also means that a connection to the HERMES communication module cannot be established. Then functions such as dynamic route guidance with Live Traffic Information are not available.

Connecting the multimedia system with a device via Wi-Fi

This function is not available if a HERMES communication module is installed.

The type of connection established must be selected on the multimedia system and on the device to be connected.

i The connection procedure may differ depending on the device. Follow the instructions that are shown in the display. Further information (see the manufacturer's operating instructions).

- ▶ Select [Internet Settings](#).
- ▶ Select [Search for Wi-Fi Networks](#).

Using a security key

- ▶ Select a Wi-Fi network in the list.
- ▶ Have the security key displayed on the device to be connected (see the manufacturer's operating instructions).
- ▶ Enter this security key on the multimedia system.
- ▶ Confirm the entry with .

i All devices support a security key as a means of connection.

Using a WPS PIN

- ▶ Highlight a Wi-Fi network in the list.
- ▶ Select [Connect via WPS PIN Input](#). The multimedia system generates an eight-digit PIN.
- ▶ Enter this PIN on the device to be connected.
- ▶ Confirm the entry.

Using a button

- i** This function is only available in a Wi-Fi frequency of 2.4 GHz.
- ▶ Highlight a Wi-Fi network in the list.
- ▶ Select [Connect via WPS PBC](#).
- ▶ Select "Connect via WPS PBC" in the options on the device to be connected.
- ▶ Press the WPS button on the device to be connected.
- ▶ Select [Continue](#) in the multimedia system.

Device has already been connected:

- ▶ **To automatically connect:** highlight a Wi-Fi network in the list.

- ▶ Activate [Connect Automatically](#) .

▶ **To connect:** highlight a Wi-Fi network in the list.

- ▶ Select [Connect](#). The connection is established again. These functions are possible when the device has already been connected to the Wi-Fi network.

Setting up a Wi-Fi hotspot Requirements:

- **For connection by pressing a button:** this function is only available in a Wi-Fi frequency of 2.4 GHz.

Multimedia system:


➔ [System](#) ▶ [Connectivity](#)

Configuring the multimedia system as a Wi-Fi hotspot


The type of connection established depends on the device to be connected. The function must be supported by the multimedia system and by the device to be connected. The type of connection established must be selected on the multimedia system and on the device to be connected.

- ▶ Select [Set Up Hotspot](#).
- ▶ Highlight [Connect Device to Vehicle Hotspot](#).


Generating a WPS PIN

- ▶ Select  [Connect via WPS PIN Generation](#).
- ▶ Enter the PIN shown in the media display on the device to be connected and confirm.

Connecting using a WPS PIN

- ▶ Select  [Connect via WPS PIN Input](#).
- ▶ Select [Enter WPS PIN](#).
- ▶ Enter the PIN that is shown on the external device's display on the multimedia system.
- ▶ Select [Continue](#).

Connecting using a button

- ▶ Select  [Connect via WPS PBC](#).
- ▶ Press the WPS button on the device to be connected or select [Connect](#).
- ▶ Select [Continue](#) in the multimedia system.

Connecting using a security key

- ▶ Select [Connect Device to Vehicle Hotspot](#). A security key is displayed.
- ▶ Select the vehicle from the device to be connected. The vehicle is displayed with the SSID [MB Hotspot XXXXX](#).
- ▶ Enter the security key which is shown in the media display on the device to be connected.
- ▶ Confirm the entry.

Generating a new security key:

- ▶ Select [Set Up Hotspot](#).
- ▶ Select [Generate Security Key](#). A connection will be established with the newly created security key.
- ▶ **To save a security key:** select [Save](#). When a new security key is saved, all existing Wi-Fi connections are then disconnected. If the Wi-Fi connections are being re-established, the new security key must be entered.

- The COMAND Touch app is installed on the external device (e.g. tablet or smartphone).
- Wi-Fi is activated (→ page 170) and the multimedia system is configured as a Wi-Fi hotspot (→ page 171).

Multimedia system:

↳ [System](#) ▶ [COMAND Touch](#)

Connecting and authorizing a new device

- ▶ Select [Authorize a New Device](#).
- ▶ Select [Connect New Device](#).
- ▶ Enter the security key in the external device. The [Please start COMAND Touch on your device and follow the instructions](#). message appears.
- ▶ Select [Continue](#).
- ▶ The connection request from the device [Accept](#).
- ▶ Enter the PIN shown on the external device. The device is authorized.

Managing COMAND Touch devices

Requirements:

Authorising a connected device

- ▶ Select [Authorize a New Device](#).
The devices already connected are displayed.
- ▶ Select [Continue Using Connected Devices](#).
The [Please start COMAND Touch on your device and follow the instructions](#) message appears.
- ▶ Select [Continue](#).
- ▶ The connection request from the device [Accept](#).
- ▶ Enter the PIN shown on the external device.
The device is authorized.

De-authorizing the device

- ▶ Select an authorized device from the list.
A prompt will appear asking whether you would like to de-authorize the selected device.
- ▶ Select [Yes](#).
The device is de-authorized.

Activating/deactivating the COMAND Touch child safety lock

Multimedia system:

↳ System ▶▶ COMAND Touch

Child safety lock

- ▶ Switch [Parental Control](#) on or off .
The content displayed on the external device can only be set on the multimedia system.

System language

Notes on the system language

This function allows you to determine the language for the menu displays and the navigation announcements. The selected language affects the characters available for entry. The navigation announcements are not available in all languages. If a language is not available, the navigation announcements will be in English.

Setting the system language

Multimedia system:

↳ System ▶▶ Language

- ▶ Set the language.

Setting the distance unit

Multimedia system:


↳ System ▶▶  Units

- ▶ Select [km](#) or [mi](#).
- ▶ In the multifunction display of the Instrument Display, switch the [Additional Speedometer display](#) on .

Data import and export

Data import/export function

The following functions are possible:

- Transferring data from one system or vehicle to another system or vehicle.
 - Creating a backup copy of your personal data and loading it again.
 - Protecting your personal data against unwanted export with PIN protection.
-  Please note that the NTFS file system is not supported. The FAT32 file system is recommended.

Importing/exporting data

NOTE Loss of data due to premature removal

Do not remove the data storage medium when data is being exported.

Mercedes-Benz is not liable for any loss of data.

Requirements:

- The vehicle is stationary.
- The ignition is switched on or the vehicle has been started.
- The SD card is inserted (→ page 236) or the USB device is connected (→ page 238).

Multimedia system:

→ System ▶ System Backup

▶ Select **Import Data** or **Export Data**.

Importing

▶ Select a data storage medium.
A prompt appears asking whether you really wish to overwrite the current data. If data

originates from another vehicle, this is recognized during data reading.

The multimedia system is restarted once the data has been imported.

ⓘ Current vehicle settings can be edited after the import.

Exporting

If PIN protection is activated, your PIN is requested.

- ▶ Enter the four-digit PIN.
- ▶ Select a data storage medium.
The data is exported. The data export may take several minutes.

Activating/deactivating PIN protection

Requirements:

To unlock the PIN:

- There is an Internet connection.
- A Mercedes me account exists at <https://me.secure.mercedes-benz.com>.
- The **Personalization** service is active (→ page 175).

Multimedia system:

→ System ▶ PIN Protection

Setting the PIN

- ▶ Select **Set PIN**.
- ▶ Enter a four-digit PIN.
- ▶ Enter the four-digit PIN again.
If both PINs match, PIN protection is active.

Changing the PIN

- ▶ Select **Change Settings**.
- ▶ Enter the current PIN.
- ▶ Select **Change PIN**.
- ▶ Set a new PIN.

Activating PIN protection for data export

- ▶ Select **Change Settings**.
Confirm with the PIN.
- ▶ Select **Protect Data Export**.
Activate or deactivate the function.

Unblocking the PIN

If the PIN has been entered incorrectly three times, the PIN will be blocked. You can have a

single-use password sent to you via the Mercedes me connect online portal to reset the PIN protection.

- ▶ Select **Unblock PIN**.
- ▶ Enter the single-use password. PIN protection is reset, and you can set a new PIN.
- ⓘ The availability of this function is country dependent and may not be available in your country. Alternatively, you can have PIN protection reset at an authorized Mercedes-Benz Center.

User profile

Setting a user profile

Multimedia system:

↳ System ▶  Personalization

Displaying a user profile when starting

If this function is active, a prompt appears when starting the system asking which user profile to use.

- ▶ Select **Display Profile Selection after Start**.
- ▶ Activate or deactivate the function.

Selecting a user profile

- ▶ Select **Guest Profile** or individual profile •.
- ⓘ Some settings from the user profile are only loaded when the vehicle is stationary or when the ignition is switched on.

Automatic synchronization

Each time the ignition is switched off or on, the individual user profiles are synchronized on the multimedia system and on the server. This ensures that the latest user profiles are available.

- ▶ Select **Automatic Synchronization**.
- ▶ Activate or deactivate the function.
- ⓘ For more information about importing/exporting user profiles (→ page 175).

Creating a user profile

Multimedia system:

↳ System ▶  Personalization
▶ Create Profile

- ▶ Enter a name.
- ▶ Select **OK**.

The following information is saved in the user profile, for example:

- System settings
- Navigation and traffic information

The settings differ depending on the vehicle equipment.

Importing/exporting a user profile Requirements:

- There is an Internet connection .
- A Mercedes me account exists at <https://me.secure.mercedes-benz.com>.
- The **Personalization** service is active.
- The function is available in your country.

Multimedia system:

→ System ► ►  Personalization
►► Manual Export/Import

Importing a user profile

- Select **Import Profiles from Server**.
The **The profile data import overwrites all existing profile data. Do you want to continue?** message appears.
- Select **Yes**.
User profiles are imported.


Exporting a user profile

- Select **Export Profiles to the Server**.
User profiles are exported.
- ⓘ Only individual profiles can be imported or exported. The individual profiles are always collectively imported or exported.
- ⓘ Certain settings, such as address book entries or previous destinations from the navigation system, are not exported.

Setting user profile options

Multimedia system:

→ System ► ►  Personalization

- Highlight a profile.
- Select  options.

The following options are available:

- **Rename**
 - **Delete**
 - **Reset**
- ⓘ The guest profile cannot be deleted or renamed.

Software updates

Information on software updates

The multimedia system displays a corresponding message when a software update is available. The availability of this function is dependent on the country.

Depending on the source, you can perform various updates:

Source of the update	Update type
Updates via mobile phone	Navigation map, system updates, Digital Operator's Manual
Updates via an external storage medium, e.g. a USB flash drive	Navigation maps

- ⓘ Software updates via mobile phone require an active Internet connection for the vehicle. This is not available in all countries. For further information on connecting to the Internet, see (→ page 231).

Advantages of software updates

Software updates ensure your vehicle's technology is up-to-date.

In order to constantly improve the quality of our services you will receive future software updates for your multimedia system, the Mercedes me connect services and your vehicle's communica-

tion module. These will be sent to you via the mobile phone connection in your vehicle and, as an option, installed automatically. You can monitor the status of your software updates on the Mercedes me Portal and find information about potential innovations.

Your advantages at a glance:

- Conveniently receive software updates via the mobile phone network
- Improves the quality and availability of Mercedes me connect services
- Keeps your multimedia system and communication module up-to-date

Further information about software updates can be found at <https://me.secure.mercedes-benz.com>

Carrying out software updates

Requirements:

- There is an Internet connection (→ page 231).
- **For automatic software updates:** your vehicle has a permanently installed communication module.

Multimedia system:

→ System → Software Update

Automatic software updates

▶ Activate [Automatic Online Update](#).

The software updates will be downloaded and installed automatically.

The current status of the software update is displayed.

Manual software updates

▶ Switch off [Automatic Online Update](#).

▶ Select a software update from the list and start the update.

Activating a software update

▶ Restart the system.

Function of important system updates

Important system updates may be necessary for the security of your multimedia system's data. Please install these updates, otherwise the security of your multimedia system cannot be ensured.

ⓘ If automatic online updates are activated, the system updates will be downloaded automatically (→ page 177).

As soon as a system update is available for download, a corresponding message appears on the media display.

You have the following selection options:

- [Download](#)

The system update will be downloaded in the background.

- [Details](#)

Information about the pending system update is displayed.

- [Later](#)

The system update can be downloaded manually at a later time (→ page 177).

You will be informed when the download is complete and the system update is ready for installation.

ⓘ Park the vehicle safely in a suitable location before starting the installation.

Requirements for the installation:

- The ignition is switched on.
- The engine is not running.
- Notes and warnings have been read and accepted.
- The parking brake is applied.

If all requirements are met, the system update is installed. The multimedia system cannot be operated during the installation and vehicle functions are restricted.

If errors should occur during the installation, the multimedia system automatically attempts to restore the previous version. If restoration of the previous version is not possible, a symbol appears on the multimedia system display. Consult a qualified specialist workshop to resolve the problem.

Reset function

Multimedia system:

↳ System ▶▶ Reset

Personal data is deleted, for example:

- Station presets
- Connected mobile phones

▶ Select **Yes**.

If PIN protection is activated, a prompt appears asking if you also wish to restore this to the factory settings during a reset.

▶ Select **Yes**.

▶ Enter the current PIN.
The PIN is reset.

or

▶ Select **No**.
The current PIN stays the same after resetting.

i If you have forgotten your PIN, an authorized Mercedes-Benz Center can deactivate the PIN protection for you.

A prompt appears again asking whether you really wish to reset.

▶ Select **Yes**.

The multimedia system is reset to the factory settings.

AMG TRACK PACE

Function of AMG TRACK PACE

With AMG TRACK PACE, the driving characteristics on race tracks can be analyzed and optimized. You can drive previously stored race tracks (e.g. Hockenheimring), or new tracks can be recorded and stored. The driven lap times are stored for every track. These can be analyzed and compared to other lap times to achieve the best possible race results. Additionally, acceleration and braking procedures can be measured and stored.

Please note: Use AMG TRACK PACE only on closed off routes outside the public traffic area. Adapt your driving style to your personal performance and environmental conditions. As the driver, you are solely responsible for driving your

vehicle. Park your vehicle safely before operating the application.

Setting Track Race


Multimedia system:

↳ **Vehicle** ▶ **TRACK PACE** ▶ **Track Race**

Recording a track

- ▶ Select **New track**.
- ▶ At the desired starting point, select **Start**. The track recording starts at this point. During track recording, sectors can be set to determine intervals.
- ▶ To finish track recording, select **Stop** or cross the starting line again.
- ▶ Enter the weather and the track name.

Searching by track name

- ▶ Select **All Tracks**.
- ▶ Select  **Search**.
- ▶ Enter the track name. Tracks with the searched name are displayed.

Measuring the time on the track

- ▶ Select **Timing**. An overview of nearby tracks appears. The distance and direction to the starting line of the track is displayed.
- ▶ Select the desired track. If you have already driven on this track, you can select a driven time as a reference time.

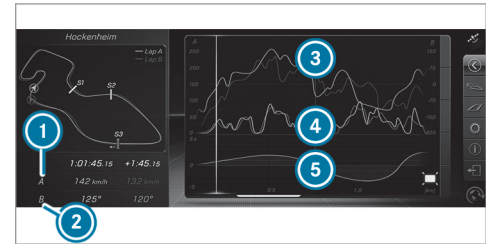
Timing begins automatically when the starting line has been crossed.

- ① When **Zoom** is selected, the track display can be switched from 2D to 3D.

Displaying the analysis

- ▶ Select **Lap Times**. An overview of all the driven tracks appears.
- ▶ Select a track. The following data is displayed:
 - Lap and sector times
 - Average and maximum permissible speed
 - Driver
 - Vehicle

- Date
- Weather
- ▶ Select a desired lap. The analysis is displayed.




- ① Parameter 1 (e.g. speed)
- ② Parameter 2 (e.g. steering angle)
- ③ Speed trend (Parameter 1)
- ④ Steering angle trend (Parameter 2)
- ⑤ Time difference between lap A and B (only when two laps are selected)

i The following values can be set for parameters 1 and 2, for example:



- Speed
- Longitudinal/lateral acceleration
- Steering angle
- Engine speed
- Engine oil/tire temperature

Based on the analysis you can check and optimize driving characteristics for any position on the track.

Exporting tracks or races (USB)

- ▶ Select **All Tracks**.
An overview of all stored tracks and races appears.
- ▶ Highlight desired tracks or races.
- ▶ Select  Options.
- ▶ Select **Export**.
The selected tracks or races can be exported to a USB storage device connected to the vehicle.

Editing tracks and recordings

- ▶ Select **All Tracks**.
 - ▶ Highlight the desired track.
 - ▶ Select  options.
 - ▶ Select **Rename** or **Delete**.
- or
- ▶ Select a track.
 - ▶ Highlight the desired recording.
 - ▶ Select  options.
 - ▶ Select **Weather** or **Delete**.

Setting Drag Race

Multimedia system:

 **Vehicle** ▶ **TRACK PACE** ▶ **Drag Race**

Measuring acceleration

- ▶ Select **Acceleration**.
Measurement begins when the vehicle accelerates. Measurement is incremental, in steps of 30 mph (50 km/h) to a maximum of 180 mph (300 km/h) or up to the set maximum speed.

Measurement can be stopped early by selecting **Stop** or by stopping the vehicle.

Quarter-mile race

- ▶ Select **Quarter Mile**.
The time measurement runs until a mile has been traveled or a previously set distance (e.g. quarter mile, third mile or half mile) has been reached.

i The possible values for setting the end distance are determined by the system and cannot be freely chosen.

Measurement can be stopped early by selecting **Stop** or by stopping the vehicle.

Manual start for acceleration and quarter-mile race

- ▶ Select **Acceleration** or **Quarter Mile**.
- ▶ Select **Manual start**.
Three red traffic lights appear one after the other. The reaction time measurement starts when they change to green at the same time. The reaction time is displayed as soon as you drive off. If you drive off too early, the **Jump**

start message appears and acceleration or quarter mile measurement will be canceled.

Measuring braking

- ▶ Select **Braking**.
- ▶ Select **Start Record**.
Measurement is incremental, in steps of 30 mph (50 km/h) to a standstill. If the braking procedure is started e.g. at a speed of 99 mph (160 km/h), measurement starts as soon as 90 mph (150 km/h) has been reached.

Storing and calling up measurement values

When a measurement has been completed or canceled, the measured time can be stored.

- ▶ After a measurement, select **Save measurement?** .

The stored measurements can be displayed via the **History** menu item.

Editing measurements

- ▶ Select **History**.
- ▶ Highlight the desired measurement.

- ▶ Select  options.

- ▶ Select **Weather** or **Delete**.

- ① The measurements can be displayed by category, e.g. acceleration measurements, by applying a filter.

Calling up the telemetry display

Multimedia system:

↳ **Vehicle** ▶ **TRACK PACE** ▶ **Telemetry**

The telemetry display shows current vehicle data as a digital value and as a diagram.

Up to four parameters can be selected that are to be shown in the display, such as:

- Engine speed
 - Wheel angle
 - Speed
 - Steering angle
- ▶ Set the desired parameters.
 - ▶ Set the time.
The set parameters are evaluated in the diagram for the time set.

- ① The time can range between 30 seconds and a maximum of 20 minutes.

Configuring AMG TRACK PACE

Requirements:

To use the TRACK PACE app:

- The TRACK PACE app is installed on the mobile end device.
- The mobile end device is connected to the multimedia system via Wi-Fi.

Multimedia system:

↳ **Vehicle** ▶ **TRACK PACE** ▶ **Options**

Setting driver profiles

- ▶ Select **Driver Profile**.
 - ▶ Create a new driver profile.
- or
- ▶ Select an existing driver profile.
The driver profile is activated.

- ① Tracks, laps and times driven are assigned to the active driver profile while driving. For an exact evaluation of your driving style, you should always drive with an active driver profile.

Displaying driver profile statistics

- ▶ Select [Driver Profile](#).

- ▶ Select the desired profile.

The following information is displayed for the selected driver profile:

- Driving time
- Distance driven
- Number of Track Races, Drag Races and laps driven
- Maximum design speed

Connecting a mobile device via the TRACK PACE app

The TRACK PACE app makes it possible to record videos and to synchronize them with stored tracks.

- ▶ Select the [TRACK PACE app](#). Already authorized devices are displayed in the list.
- ▶ Select [Authorize new device](#). Available devices are displayed.
- ▶ Start the TRACK PACE app on the device to be connected and follow the instructions.
- ▶ Confirm the authorization prompt.
- ▶ Enter the code displayed on the device. The device is authorized.

or

- ▶ Select a device that is already authorized. The device is de-authorized.

Setting acoustic feedback

- ▶ Select [Acoustic feedback](#).

The following settings are available:

- [Loud](#)
- [Medium](#)
- [Quiet](#)
- [Off](#)

- ▶ Select a setting.

Activating/deactivating additional information

- ▶ Activate or deactivate [Display help](#).

When additional information is activated, popups provide information on the individual menus.

- ▶ Confirm popups with [OK](#) or select [Do not display](#).

Calling up information

- ▶ Select [Info](#).

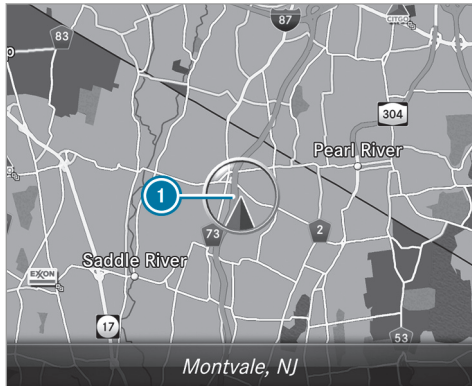
The following information is displayed:

- Software version
- Memory used
- Total number of tracks saved
- Total number of races driven

Navigation

Switching navigation on

Multimedia system:



- ▶ Open the application in the multimedia system. The map appears and shows current vehicle position ①.

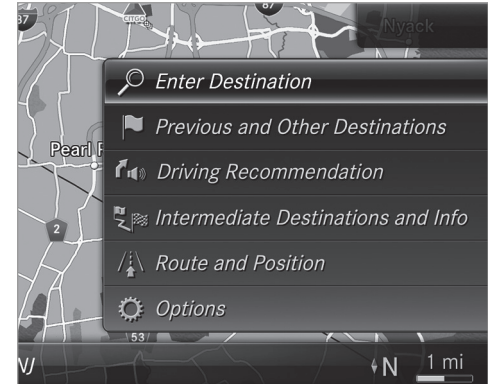
- ① If a climate control setting is changed, a climate bar appears briefly.

Showing/hiding the navigation menu

Requirements:

- The map shows the vehicle's current position.

Multimedia system:



- ▶ **To show:** swipe left on the touchpad or the Touch Control.

or

- ▶ Slide the controller to the left.
- ▶ **To hide:** swipe right on the touchpad or the Touch Control.

or

▶ Slide the controller to the right.

- ① To show or hide lower menu levels, swipe or slide to the left or right as many times as necessary.

Destination entry

Entering a POI or address

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road

and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.


Requirements:

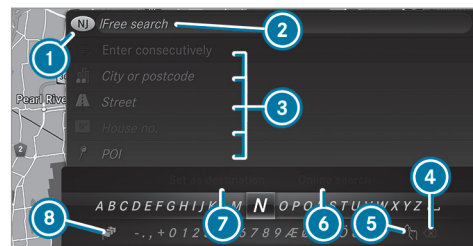
- **For the online search:** Mercedes me connect is available.
- You have a user account for the Mercedes me Portal.
- The service is available.
- The service has been activated at an authorized Mercedes-Benz Center.

Further information can be found at: <https://www.mercedes.me>

Multimedia system:

➔ Navigation

- ▶ Show the navigation menu.
- ▶ Select  Enter Destination .



The state or province in which the vehicle is located is set ①.

There are two available methods of destination entry:

- Free search ②
- Search step-by-step ③

Method 1: free search

▶ Enter the POI or address in ②. The entries can be made in any order. During destination entry, suggestions are made by the multimedia system. A selection of destinations appears in a list.

Enter these address elements, for example:


- City, street, house number
- Street, city
- ZIP code
- POI name
- POI category, e.g. [Gas Station](#)
- City, POI name

▶ **To switch to handwriting recognition:**

select  5.


▶ Write the character on the touchpad.

i The function is available when a touchpad is installed.

▶ **To switch to character selection:** press the  button.

or

▶ Press the touchpad.

▶ **To delete an entry:** select  4 (if available).

Use the following options:

- Press briefly: deletes the last character entered or the last suggestion adopted.

- Press and hold: deletes the entire entry.

▶ **To set the language:** select  8.

▶ Select the language.

i This function is useful for countries in which several character sets are supported. An example is Russia, which uses Cyrillic and Latin characters.

▶ **To call up the online search function:**

select [Online Search](#) 6.

Once an Internet connection is established, a list appears. It shows online destinations related to the previous entry.


The online destination is supplied by an Internet provider.

▶ Select the online destination.

or

▶ Enter the online destination or a 3 word address in the input line.

i Enter a 3 word address (→ page 189). Online search is not available in all countries.

▶ **To call up the list:** press the  button.

or

▶ If the top line of the character bar is highlighted, navigate upwards.

▶ Select the destination in the list.

▶ **To adopt a destination:** select 7 [Select Destination](#).

If there are several listings for a destination, a list appears.

▶ Select the destination.

The destination address is shown.

Method 2: search step-by-step

▶ Press  button.

or

▶ If the top line of the character bar is highlighted, navigate upwards.

The character bar is hidden. [City or ZIP](#) is highlighted. Additional entry fields, e.g. for [POI](#), are available.

▶ Select [City or ZIP](#).

The character bar appears.


▶ Enter the city or the ZIP code. During destination entry, suggestions are made by the multimedia system. A selection of destinations appears in a list.

The address entries can be made in any order, for example:

- **City or ZIP, Street, House No.**
Enter an intersecting street, if available.
- **Street, City or ZIP**
- **POI, e.g. Gas Station, City or ZIP**

① During destination entry, use the following functions:

- Switch to handwriting recognition.
- Switch to character selection.
- Delete an entry.

An entry, e.g. **POI**, can be deleted with  in a step-by-step search. Navigate to the left to do so.

- Call up the online search function (if available).
- Call up a list.

The functions are described in the free search.

▶ **To change the state/province:** select the state or the province.

▶ Enter the state or the province. You only need to enter the first character.

▶ Select the state or the province in the list.

▶ **To change the country:** select the country.

▶ Enter the country. You only need to enter the first character.

▶ Select the country on the list.

▶ **To adopt a destination:** select **Select Destination**.

If there are several listings for a destination, a distance-orientated list appears.

▶ Select the destination.

The destination address is shown.

Selecting previous destinations

Multimedia system:

↳ **Navigation**

▶  **Previous and Other Destinations**

▶ Select **Previous Destinations**.

▶ Select the destination.

The destination address is shown.

or

▶ If favourites have been saved already (→ page 199), select **From My Favorites**.

▶ Select the favourite.

The destination address is shown.

Selecting a POI

Multimedia system:

↳ **Navigation**

▶  **Previous and Other Destinations**

▶ **POIs**

▶ Select the category.

or

▶ Select **All Categories** and the category.

If route guidance is not active: the search begins in the vicinity of the current vehicle



position. The list is sorted by distance in ascending order.

The POIs show the following information:

- name of POI
- linear distance to the POI
- the direction of the linear distance to the POI (arrow) is displayed when searching for the vehicle's current position

- ▶ Select the POI.
- ▶ **Route guidance is active:** select the search position prior to choosing a POI (see example).
- ▶ If intermediate destinations are set, these can also be selected as the search position after selecting [Near Destination](#).

Filtering displays for POIs

- ▶ Enter the search term in  **Search:**. The results list shows relevant POIs.
- ▶ Select .
- ▶ The first POI in the list is highlighted.
- ▶ Select the POI.

Example: setting the search position for the parking category during active route guidance

- ▶ Select [In the Vicinity](#), [Near Destination](#) or [Along the Route](#).
The list shows the located POIs or opens an overview of the route destination after selecting [Near Destination](#).
- ▶ Select the POI.
- ▶ Select [Near Destination](#): select the intermediate destination or the destination.

Starting an automatic gas station search Requirements:

- The automatic gas station search is activated (→ page 193).

Driving situation

Route guidance is active. The fuel level in the fuel tank reaches the reserve fuel level.

The [Reserve Fuel Do you want to start a search for surrounding gas stations?](#) message is shown.

- ▶ Select [Yes](#).
The automatic gas station search begins. The available gas stations along the route or in the vicinity of the vehicle's current position are displayed.
- ▶ Select the gas station.
The address of the gas station is displayed.
- ▶ If route guidance is not active, select [Start Route Guidance](#).
The selected gas station is set as the destination. Route guidance begins.

or

- ▶ If route guidance is active, select [Start New Route Guidance](#) or [Set as Next Way Point](#).
[Start New Route Guidance](#): the selected gas station is set as a new destination. The previous destinations and intermediate destinations are deleted. Route guidance to the gas station begins.
- ▶ [Set as Next Way Point](#): the selected gas station is set as the next intermediate destination. Route guidance begins.

▶ **If there are already four intermediate destinations:** select [Yes](#) in the prompt.

The selected gas station is entered into position 1 of the intermediate destinations menu. Intermediate destination 4 is deleted. Route guidance begins.

Entering an intermediate destination

Requirements:

- A destination is entered.

Multimedia system:

↳ [Navigation](#) ▶ [Way Points and Info](#)


▶ Select [Search for Way Point](#).

▶ Enter the intermediate destination as a POI or address (→ page 184).

▶ Select the intermediate destination.

▶ Select [Set as Destination](#).

or

▶ Select an intermediate destination using  [Enter Destination](#) during route guidance.

▶ Select [Set as Next Way Point](#) after entering the destination.

Editing intermediate destinations


Requirements:

- The destination and at least one intermediate destination have been entered.

Multimedia system:

↳ [Navigation](#) ▶ [Way Points and Info](#)

▶ **To call up the map:** highlight the destination or the intermediate destination.

▶ Select  [Map](#) .

▶ Move the map (→ page 203).

▶ Select destination on the map (→ page 190).

▶ **To change the order of destinations:** highlight the destination or the intermediate destination.

▶ Select  [Move](#) .

▶ Move the intermediate destination to the desired position.

▶ Press the Touch Control, the controller or the touchpad.

▶ **To delete a destination:** highlight the destination or the intermediate destination.

▶ Select  [Delete](#).

Calculating a route with intermediate destinations

Requirements:

- The destination and at least one intermediate destination have been entered.

Multimedia system:

↳ [Navigation](#) ▶ [Way Points and Info](#)

▶ Select [Start New Route Guidance](#).

The route is calculated with the set intermediate destinations.

Selecting a contact for destination entry

Requirements:

- A mobile phone is connected to the multimedia system (→ page 210).
- The "Navigate to contact" online service is available and activated.

Multimedia system:

→ Navigation

»  Previous and Other Destinations

» Contacts

- ▶ Select the contact.
The contact details are displayed.
- ▶ Select the address.
The **Please Wait...** message appears. The search is carried out online.
- ▶ Select the destination.

Filtering displays for contacts

- ▶ Enter a name or telephone number, for example, into the search field.
- ▶ Select **OK**.
The first contact in the list is highlighted.
- ▶ Select the contact.
- ▶ Select the address.

Entering geo-coordinates

Multimedia system:

→ Navigation

»  Previous and Other Destinations

» Geo-coordinates

- ▶ Enter geo-coordinates as latitude and longitude coordinates in degrees, minutes and seconds.
The map shows the position.
- ▶ Confirm the entry.
- ▶ **To calculate a route:** select **Start Route Guidance**.
- ▶ If a route has already been created, select **Start New Route Guidance** or **Set as Way Point**.

Entering the destination as a 3 word address Requirements:

- Searching for a destination using 3 word addresses is possible in the online search (→ page 184).
- There is an Internet connection.

- ⓘ Searching for a destination using 3 word addresses is not possible in all countries.

Multimedia system:

→ Navigation »  Enter Destination

- ▶ Select **Online Search**.
- ▶ Enter the destination address as a 3 word address. Separate each of the words with a full stop.
The search results are displayed.
- ▶ Select the destination in the list.
The destination address is shown. The route can be calculated.
- ⓘ 3 word addresses from what3words are an alternative addressing system for multilingual georeferencing of global locations with a resolution of three meters. Using this grid, locations on the Earth's surface are included which do not have a building address such as a street and house number, for example. The Empire State Building has this language dependent 3 word address:
 - English: **parade.help.bleat**
 - French: **commun.verbe.bisquer**

- Spanish: **suertes.diga.pesca**

3 word addresses are unique, easy to remember and suffice for most routine applications.

You can convert addresses to 3 word addresses and back again:

- At the website <https://what3words.com>
- In the what3words apps

Selecting a destination on the map

Multimedia system:

Navigation ►► Options

- Select **Map Menu**.

or

- If the map is displayed in full screen mode, press the central control element. The map menu appears.
- Select "move map" in map menu ② (→ page 202).
- Swipe in any direction on the Touch Control or touchpad.

or

- Slide the controller in any direction. The map moves in the corresponding direction under the crosshair. The more you move your finger away from the starting position on the touchpad, the faster the map moves.
- Press the Touch Control, the controller or the touchpad. If several destinations are located around the crosshair, a list shows the available POIs and roads. If a destination is located exactly on the crosshair, the destination address is displayed.
- Select the destination in the list. The destination address is shown.

Setting the map orientation to 2D or 3D

- Highlight **Map Orientation: 2D/3D**.
- Press the Touch Control, the touchpad or the controller. The map will be displayed in the selected map orientation.

Showing traffic messages in the vicinity of the map

- Select **Traffic Messages for the Vicinity**. The map appears.
- Swipe left or right on the touchpad.

or

- Slide the controller to the left or right. The previous or next traffic incident is highlighted on the map. Information on the traffic incident is displayed.

ⓘ Traffic reports are not available in all countries.

Showing POIs in the vicinity of the map

- Select **POIs in the Vicinity**.
- Swipe left or right on the touchpad.

or

- Slide the controller to the left or right. The previous or next POI is highlighted on the map. The name or the address is shown.
- **To filter the display by POI category:** swipe down on the Touch Control or the touchpad.

or

- ▶ Slide the controller down.
- ▶ Select the POI category.

① **User Defined** allows personal POI symbols to be selected (→ page 204).

Route

Calculating a route Requirements:

- The destination has been entered.
- The destination address is shown.
- ▶ If route guidance is not active, select **Start Route Guidance**.
The route to the destination is calculated. The map shows the route. Route guidance then begins.

or

- ▶ If route guidance is active, select **Start New Route Guidance** or **Set as Next Way Point**.
Start New Route Guidance: the selected destination address is set as a new destination. The previous destinations and intermediate





destinations are deleted. Route guidance to the new destination begins.

Set as Next Way Point: the selected destination address is set as the next intermediate destination. Route guidance begins.

Taking alternative routes into consideration

- ▶ Select an alternative route (→ page 193).

Other menu functions

- ▶ **To save the destination**: select  **Store** in "Previous Destinations".
- ▶ **To display on the map**: select  **Map**.
- ▶ **To call a telephone number**: select  **Call** (if available).
- ▶ **To call up an Internet address**: select  **www** (if available).

Selecting a route type

Multimedia system:

- ↳ **Navigation** ▶▶  **Route and Position**
- ▶ Select **Route Settings**.

- ▶ Select the route type.
If route guidance is active, the new route is calculated with the new route type.
If route guidance is not active, the next route is calculated with the new route type.

You can choose from the following route types:

- **Eco Route**
An economical route is calculated. The journey time may be somewhat longer than for quicker routes.
The symbol for the current vehicle position is displayed in green.
- **Fast Route**
A route with a quick journey time is calculated.
- **Short Route**
A route with a short driving distance is calculated.

Automatic Traffic Jam Avoidance can be switched on or off for these route types. If **Automatic Traffic Jam Avoidance** is switched

on, [Ask in the Event of Traffic Jam Avoidance](#) can be selected.

The [Automatic Traffic Jam Avoidance](#) and [Ask in the Event of Traffic Jam Avoidance](#) settings are not available in every country.

The settings enable the following:

- [Automatic Traffic Jam Avoidance](#)

The route is calculated with the currently set route type.

Traffic reports via Live Traffic Information are taken into account.

Live Traffic Information is not available in all countries.

- [Ask in the Event of Traffic Jam Avoidance](#)

A prompt appears when a new route is detected with a shorter journey time based on traffic reports. You can continue to use the current route or use the dynamic route instead.

Selecting route options

Multimedia system:

- ▶  [Navigation](#) ▶  [Route and Position](#)
- ▶ [Avoid Options](#)

Avoiding areas

- ▶ Select [Areas](#) (→ page 205).

Avoiding highways, ferries, motorail trains, tunnels, unpaved roads

- ▶ Select or deselect avoid option.

Using toll roads

- ▶ Select [Use Toll Roads](#).
- ▶ Select [Cash](#) or [Electronic Billing](#) or [Off](#).
The route takes into account roads that require the payment of a usage fee (toll).
If [Off](#) is selected, toll roads are not taken into account.

The selected route options cannot always be implemented. Therefore, a route may include a ferry, for instance, even though the avoid [Ferries](#) option is enabled. A message appears and you will hear a corresponding message.

Using carpool lanes

- ▶ Select [Number of Occupants in the Vehicle](#).
- ▶ Select number.
When using carpool lanes, observe the applicable legal requirements as well as any conditions pertaining to when and where such lanes may be used. Carpool lanes may only be used if certain conditions are met.

These route options are not available in every country.

Selecting notifications for the route

Multimedia system:

- ▶  [Navigation](#) ▶  [Options](#)
- ▶ [Announcements](#)

- ▶ Switch an announcement on or off .

You can choose from the following announcements:

- [Announce Traffic Warnings](#)
This function is not available in all countries.
- [Announce Street Names](#)

The multimedia system announces the names of the roads that will follow the upcoming change of direction.

This function is not available in all countries and languages.

Displaying destination information

Requirements:

- A destination is entered.

Multimedia system:

→ **Navigation**

- ▶ Select **Way Points and Info**.

The following information is displayed:

- Intermediate destinations and destination
The route can also include up to four intermediate destinations.
- Name, address
- Remaining driving distance
- Time of arrival

Selecting an alternative route

Multimedia system:

→ **Navigation** →  **Route and Position**

- ▶ Select **Alternative Route**.
The routes are displayed in accordance with the setting made in the route settings.
The currently selected route is shown with a dark blue line.
- ▶ Select the alternative route.

Switching the automatic gas station search on/off

Multimedia system:

→ **Navigation** →  **Options**

- ▶ Switch **Reserve Fuel** on or off .
Switched on : when the fuel reserve level is reached, a prompt appears asking whether you want to start searching for gas stations.

Using automatic gas station search

Requirements:

The automatic gas station search is activated (→ page 193).

The prompt **Reserve Fuel Do you want to start a search for surrounding gas stations?** appears.

- ▶ Select **Yes**.
The automatic gas station search begins. The available gas stations along the route or in the vicinity are displayed.
- ▶ Select the gas station.
- ▶ When there is no route, the gas station is set as the destination.

or

- ▶ When there is a route, the gas station is set as the next intermediate destination.

Starting the automatic service station search

Requirements:

- ATTENTION ASSIST and the **Suggest Rest Area** function are activated (→ page 138).

Driving situation

The **ATTENTION ASSIST Do you want to search for a rest area?** message is shown.

▶ Select **Yes**.

The service station search starts. The available service stations along the route or in the vicinity of the vehicle's current position are displayed.

▶ Select the service station.

The service station address is displayed.

▶ If route guidance is not active, select **Start Route Guidance**.

The selected service station is set as a destination. Route guidance begins.

or

▶ If route guidance is active, select **Start New Route Guidance** or **Set as Next Way Point**.

Start New Route Guidance: the selected service station is set as a new destination. The previous destination and all intermediate destinations are deleted. Route guidance to the service station begins.

Set as Next Way Point: the selected service station is set as the next intermediate destination. Route guidance begins.

Route guidance

Notes on route guidance

⚠ WARNING Risk of distraction from operating integrated communication equipment while the vehicle is in motion

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system. Route guidance begins once a route has been calculated.

The road and traffic rules and regulations always have priority over multimedia system driving instructions.

The following driving instructions can be used:

- Navigation announcements
- Route guidance displays
- Lane recommendations

If you do not follow the driving instructions or if you leave the calculated route, a new route is calculated automatically.

Driving instructions may differ from the actual road and traffic conditions if:

- The route is diverted
- The direction of a one-way street has been changed

For this reason, you must always observe road and traffic rules and regulations during your journey as well as the prevailing traffic conditions.

The route may differ from the ideal route due to the following:

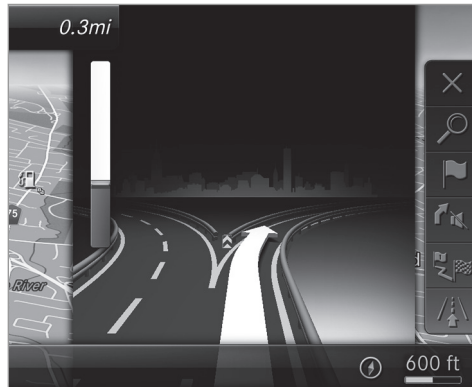
- Roadworks

- Incomplete digital map data

Notes on GPS reception

The correct function of the navigation system depends amongst other things on GPS reception. In certain situations GPS reception can be impaired, defective or even not possible, e.g. in tunnels or in parking garages.

Changing direction overview



There are three phases when changing direction:

- Preparation phase

If there is enough time between the changes of direction, the multimedia system prepares you for the upcoming change of direction. A navigation announcement is issued, e.g. "Prepare to turn right".

The map appears in full-screen mode.

- Announcement phase

The multimedia system announces the upcoming change of direction, e.g. by announcing "Turn right in 300 ft (100 m)".

The display is split into two parts. The map is displayed on the left; on the right, there is a detailed image of the intersection or a 3D image of the upcoming change of direction.

- Change-of-direction phase

The multimedia system announces the imminent change of direction, e.g. by announcing "Now turn right".

The display is split into two parts.

The vehicle has successfully changed direction when the light-color bar on the right

drops down to 0 feet (0 m) and the current vehicle position symbol has reached the highlighted change-of-direction point.

When the change of direction is complete, the map appears in full-screen mode.

- ① Changes of direction are also shown in the Instrument Display.

Lane recommendations overview

This display appears for multi-lane roads.

If the digital map contains the relevant data, the multimedia system can display lane recommendations for the next two changes of direction.



- ① Recommended lane
- ② Possible lane
- ③ Lanes not recommended

The following lanes are displayed:

- Recommended lane ①

In this lane, you will be able to complete both the next change of direction and the one after that.

- Possible lane ②

In this lane, you will only be able to complete the next change of direction.


- Lane not recommended ③


In this lane, you will not be able to complete the next change of direction without changing lane.

During the change of direction, new lanes may be added.

- ① Lane recommendations can also be shown in the Instrument Display.

Overview of destination reached

Once the destination is reached, you will see the  checked flag. Route guidance is finished.

When an intermediate destination has been reached, you will see the intermediate destination flag with the number of your  intermediate destination. After this, route guidance is continued.

Switching navigation announcements on/off Requirements:


- Route guidance is active.

- ▶ **To switch off:** press the volume control on the multifunction steering wheel during a navigation announcement (→ page 165). The **Voice Guidance has been deactivated.** message appears.

or

- ▶ Show the navigation menu (→ page 183).

- ▶ Select  **Voice Guidance** . The symbol changes to .

- ▶ **To activate:** select  **Voice Guidance** . The current navigation announcement is played.


- ① In the following situations, navigation announcements are switched on automatically:

- A new route guidance is started.
- The route is recalculated.

- ① You can add and call up this function as a favorite under **Voice Guidance On/Off**.

Switching navigation announcements on/off during a phone call

- ▶ Select **System**.

- ▶ Select  **Audio**.
- ▶ Select **Navigation and Traffic Announcements**.
- ▶ Switch **Voice Guidance During Call** on or off .

Adjusting the volume of navigation announcements

Requirements:



- Route guidance is active.
- ▶ **On the multifunction steering wheel or on the multimedia system:** turn the volume control on the multifunction steering wheel during a navigation announcement.

or

- ▶ During a navigation announcement press the volume rocker switch on the center console up or down (→ page 165).

- ⓘ In the following situations, the volume is raised to the maximum volume or lowered to the minimum volume:
 - A new route guidance is started.
 - The route is recalculated.

- ⓘ The minimum volume can be individually set at an authorized Mercedes-Benz Center.

- ▶ **Via system settings:** select **System**.
- ▶ Select  **Audio**.
- ▶ Select **Navigation and Traffic Announcements**.
- ▶ Select **Voice Guidance Volume**.
- ▶ Set the volume.
- ▶ **To switch audio fadeout on/off during navigation announcements:** select **System**.
- ▶ Select  **Audio**.
- ▶ Select **Navigation and Traffic Announcements**.
- ▶ Switch **Audio Fadeout During Voice Guidance** on or off .



Repeating navigation announcements

Requirements:

- A route has already been created.
- Route guidance is active.

Multimedia system:

Navigation

- ▶ Select  **Voice Guidance**.
- ▶ Select  **Voice Guidance**.
The current navigation announcement is repeated.

- ⓘ You can add and call up this function as a favorite under **Repeat Voice Guidance**.

Canceling route guidance

Requirements:

- A route has already been created.
- Route guidance is active.

Multimedia system:

Navigation

- ▶ Select  **Cancel Route Guidance**.

Overview of route guidance to an off-road destination

An off-road destination is within the digital map. The map contains no roads that lead to the destination.

You can enter geo-coordinates or a three word address for off-road destinations on the map. Route guidance guides you for as long as possible with navigation announcements and displays on roads that are known to the multimedia system.

Shortly before you reach the last known position on the map, you will hear the "Please follow the direction arrow" announcement. The display shows a direction arrow and the linear distance to the destination.

Overview of route guidance from an off-road location to a destination

Off-road position: the current vehicle position is located within the digital map on roads that are not available.

When route guidance begins the following displays appear:

- The **Road Not Mapped** message is shown.
- A direction arrow showing the linear direction to the POI.

When the vehicle is back on a road known to the multimedia system, route guidance continues as normal.

Overview of off-road status during route guidance

Due to roadworks, for example, there may be differences between the data on the digital map and the actual course of the road. In such cases, the multimedia system will temporarily be unable to locate the vehicle's current position on the digital map. The vehicle is off-road.

If the vehicle is displayed as being offroad, the following displays appear:

- The **Road Not Mapped** message
- A direction arrow showing the linear direction to the POI

When the vehicle is back on a road known to the multimedia system, route guidance continues as normal.

Destination

Saving the current vehicle position

Multimedia system:

Navigation

- ▶ If the map is displayed in full screen mode, press the central control element. The map menu appears.
- ▶ Select ❶ on the map menu (→ page 202). The current vehicle position is saved to the "Previous destinations" memory.


Storing a map position

Multimedia system:

Navigation





The map is in full-screen mode.



- ▶ Select "move map" in map menu ❷ (→ page 202).
- ▶ Select a position on the map. If multiple entries are available for a map position, a list appears.
- ▶ Highlight an entry.

- ▶ Select  **Store in "Previous Destinations"** .
The map position is saved to the "Previous destinations" memory.

Editing the previous destinations

Multimedia system:

- ↳ **Navigation**
- ▶▶  **Previous and Other Destinations**
- ▶▶ **Previous Destinations**
- ▶ Highlight one of the previous destinations.
- ▶ **To save as a favorite:** select  **Save My Favorite** .
The favorites are displayed.
- ▶ Move the favorite to the desired position.
If a favorite has already been added at this position, it will be overwritten.
- ▶ **To save as "Home" address:** select  **Save as "Home"** .
- ▶ **To save as "Work" address:** select  **Save as "Work"** .

- ▶ **To delete a single or all destinations:**
select  **Delete** or **Delete All**.
A prompt appears.
- ▶ Select **Yes**.
- ▶ **To display destination information:** select  **Details**.

Using external destinations

External destinations can be received from the following sources:

- Mercedes-Benz Apps
- Door-to-door navigation with Companion app (USA)
- ① Received destinations are saved in the previous destinations.

A prompt appears on the media display.

- ▶ **A destination has been received without picture information:** select **Yes**.
- ▶ If route guidance is not active, select **Start Route Guidance**.
The route to the destination is calculated.
The map shows the route. Route guidance then begins.

or

- ▶ If route guidance is active, select **Start New Route Guidance** or **Set as Next Way Point**.
Start New Route Guidance: the received destination address is set as a new destination.
The previous destinations and intermediate destinations are deleted. Route guidance to the new destination begins.
Set as Next Way Point: the received destination address is set as the next intermediate destination. Route guidance begins.
- ▶ **A destination has been received with picture information:** select **Start Route Guidance**.
Route guidance starts.

Route guidance with current traffic reports

Traffic information overview

Traffic reports are received using Live Traffic Information and are used for route guidance. This service is unavailable in some countries.

There may be differences between the traffic reports received and the actual road and traffic conditions.

Important information on Live Traffic Information:

- Current traffic reports are received via the Internet connection.
- The traffic situation is updated at short, regular intervals.
- The subscription information shows the status (→ page 200).

Information on the vehicle's position is regularly sent to Mercedes-Benz AG. The data is immediately rendered anonymous by Mercedes-Benz AG and forwarded to the traffic data provider. Using this data, traffic reports relevant to the vehicle's position are sent to the vehicle. The vehicle acts as a sensor for the flow of traffic and helps to improve the quality of the traffic reports.

If you do not wish to transmit your vehicle position, you can have this service deactivated at an authorized Mercedes-Benz Center.

Displaying subscription information

Requirements:

- The vehicle is equipped with Live Traffic Information.

Multimedia system:

Navigation  Options

The subscription expiration date is automatically displayed:

- one month before the expiration date.
- one week before the expiration date.
- on the expiration date.

▶ **To display manually:** select [Live Traffic Subscription Info](#).

Depending on the status, one of the following messages appears:

- the period of validity for the subscription is displayed.
- the subscription has expired.

 The subscription can be extended:

- At an authorized Mercedes-Benz Center

- via an MB Info call to the Mercedes-Benz Customer Assistance Center

Displaying the traffic map

Requirements:

- For Live Traffic Information: the vehicle is equipped with a communication module featuring an activated, integrated SIM card.
- When the vehicle is started, the communication module automatically establishes an Internet connection. Traffic information is made available shortly afterwards.

Multimedia system:

Navigation  Options

▶ Map Menu

▶ Alternatively: if the map is displayed in full screen mode, press the Touch Control, the controller or the touchpad.

The map menu appears.


▶ Activate .

The traffic map shows the following information, for example:

- Traffic incidents, for example:

- Roadworks
- Road blocks
- Warning messages

The symbols for traffic incidents are displayed in color (on the route) or gray (off the route).

- Traffic flow information:
 - Traffic jam (red line)
 - Slow-moving traffic (orange line)
 - Heavy traffic (yellow line)
 - Free-flowing traffic (green line)
- Display for traffic delays on the route lasting at least one minute
- Warning message symbols:
 - Symbol 
 - Additional road safety notes when approaching a traffic incident, e.g. the end of a traffic jam

If the vehicle approaches a danger area on the route, a warning message is dis-

played on the map. A warning message may also be issued (→ page 202).

Displaying traffic incidents

Multimedia system:

- [Navigation](#) →  [Options](#)
- [Map Content](#)

- ▶ Activate [Traffic Incidents](#) . Roadworks, road blocks, local area reports (e.g. fog) and warning messages are displayed.

Activating free flow and traffic display

- ▶ Activate [Free Flowing Traffic](#) and [Traffic Delays](#) .

- ⓘ The traffic delay is displayed for the current route. Traffic delays lasting one minute or longer are taken into consideration.

Displaying details

- ▶ Displaying the traffic map (→ page 200).
- ▶ Move the map (→ page 203).

- ▶ When a traffic report symbol is under the crosshair, press on the central control element. The traffic report details are displayed.

or

- ▶ Press on the central control element.
- ▶ Select [Information on Traffic Reports](#). The map shows the traffic report symbols in the vicinity. Traffic report information is displayed in the status line:
 - Traffic report symbol
 - Reason for the traffic report, e.g. traffic congestion
 - Warning message (highlighted in red)
- ▶ **To select a traffic report symbol:** select [Next](#) or [Previous](#).
- ▶ Press on the central control element. The traffic report details are displayed.

Issuing hazard warnings

Multimedia system:

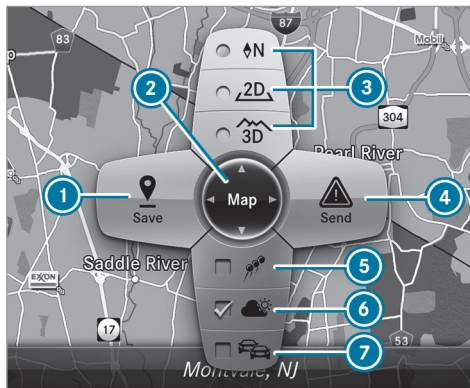
Navigation » Options

» Announcements

- ▶ Activate **Announce Traffic Warnings.**
Warning messages are issued and tailbacks which pose a risk are announced.

Map and compass

Map and compass overview



- ① Saves the current vehicle position
- ② Moves the map
- ③ Selects the map orientation and map view
- ④ Selects the function depending on the equipment:
 - Sends a hazard warning via Car-to-X.

- Filters the display of POIs in the vicinity according to POI category

- ⑤ Switches the display of personal POI symbols on the map on or off
- ⑥ Switches one of the following displays on or off depending on the equipment:
 - Weather information
 - Satellite map
 - Traffic incidents
- ⑦ Switches the traffic map display on or off

The map and satellite images are shown in globe projection. This allows for a realistic map display in all map scales. The map uses elevation modeling.

Depending on the map data, important buildings in many cities are depicted realistically on the map in small map scales (e.g. 1/32 mi (20 m), 1/16 mi (50 m)). Other buildings are shown as models.

- ① You can set the unit of measurement of the map scale (→ page 173).

If online information is available, fuel prices and the availability of parking spaces in parking garages are displayed, for example.

i Requirements:

- Mercedes me connect is available.
- You have a user account for the Mercedes me Portal.
- The service has been activated at an authorized Mercedes-Benz Center.

Further information can be found at:
<https://www.mercedes.me>

- i** The online information is not available in all countries.
- i** Company logos displayed on the map are trademarks of the respective companies and used solely for the purpose of indicating the locations of these companies. The use of such logos on the map does not indicate approval of, support of or advertising by these companies for the navigation system itself.

Setting the map scale
Requirements:

- The map is shown.

Multimedia system:

→ Navigation

▶ **To zoom in:** swipe down on the Touch Control.

or

▶ Turn the controller counter-clockwise.

or

▶ Move two fingers apart on the touchpad.

▶ **To zoom out:** swipe up on the Touch Control.

or

▶ Turn the controller clockwise.

or

▶ Move two fingers together on the touchpad.

Moving the map

Multimedia system:

→ Navigation ▶ Options

▶ Map Menu

▶ Alternatively, if the map is displayed in full screen mode, press the central control element.

The map menu appears.

▶ Select "Move map" in map menu **2** (→ page 202).

Selecting the map orientation

Multimedia system:

→ Navigation ▶ Options

▶ Map Menu

▶ Alternatively, if the map is displayed in full screen mode, press the central control element.

The map menu appears.

▶ In map menu **3**, select **N, 2D** or **3D** (→ page 202).

- **N:** the 2D map view is displayed so that north is always at the top.

- **2D:** the 2D map view is aligned to the direction of travel.
- **3D:** the 3D map view is aligned to the direction of travel.

Selecting POI symbols

Multimedia system:

Navigation ► Options

► Map Content

► Select **POI Symbols**.

The • dot indicates the current setting.

Standard displays symbols of predefined categories on the map.

User Defined allows you to personally select the symbols for the available categories.

None switches the display off.

► Select a setting.

► **User Defined:** select categories.

The POI symbols of the selected categories are displayed or not displayed .

Selecting the display of text information in the map

Multimedia system:

Navigation ► Options

► Text Information

► Select text information.

Current Street shows the street you are currently driving on at the bottom of the display.

When the map is moved, the following information appears under the crosshair:

- Street name
- POI name
- Area name

Geo-coordinates displays the following information:

- Longitude and latitude
- Elevation

The elevation shown may deviate from the actual elevation.

- Number of satellites from which a signal can be received

When the map is moved, this information does not appear.

Climate Control displays the current climate control settings.

None switches the display off.

Displaying the next intersecting street

Requirements:

- Route guidance is not active.

Multimedia system:

Navigation ► Options

► Activate **Next Intersecting Street**.

The name of the next intersecting street will be displayed at the upper edge of the display.


Displaying the map version

Multimedia system:

Navigation ► Options

► Select **Map Version**.

► Select **Details**.

 Information about new versions of the digital map can be obtained from an authorized Mercedes-Benz Center.

Overview of avoiding an area

You can define areas along a route that you would like to avoid.

The route can include an area that is to be avoided in the following situations:

- the destination is located in an area that is to be avoided
- if freeways are located within the area that is to be avoided
Freeways are always taken into account for the route.
- there is no sensible alternative route

Avoiding a new area

Multimedia system:

Navigation >>  Route and Position

>> Avoid Options >> Areas

▶ Select **Avoid New Area**.

▶ **To search for an area via the map:** select **Using Map**.

▶ Move the map.

or

▶ **To search for an area using an address:** select **Address Entry**.

▶ Enter the address.

▶ Select **Select Destination**.

The map appears.

▶ **To display an area:** press the Touch Control, the touchpad or the controller.

A red rectangle appears. This designates the area that should be avoided.

▶ **To change the size of the area:** swipe up or down on the Touch Control or the touchpad.

or

▶ Slide the controller up or down.

The map scale is enlarged or reduced and changes the size of the area.

▶ **To set the area:** press the Touch Control, the touchpad or the controller.

The area is entered into the list.


Changing an area

Multimedia system:

Navigation >>  Route and Position

>> Avoid Options >> Areas

▶ Highlight an area in the list.

▶ Select  **Edit**.

Moving the area on the map

▶ Swipe in any direction on the Touch Control or touchpad.

or

▶ Slide the controller in any direction.

Changing the size of the area

▶ **To start:** press the Touch Control, the touchpad or the controller.

▶ **To change:** swipe up or down on the Touch Control or the touchpad.

or

▶ Slide the controller up or down.







▶ **To stop:** press the Touch Control, the touchpad or the controller.

Taking the area for the route into account

- ▶ Avoid an area in the list.
If route guidance is active, a new route is calculated.
- ▶ If there is no route yet, the setting is carried over to the next route guidance.

Deleting one or all areas

Multimedia system:

- ▶  Navigation ▶  Route and Position
- ▶  Avoid Options ▶  Areas
- ▶ Highlight an area in the list.
- ▶ Select  Delete or  Delete All.
- ▶ Confirm the prompt with **Yes**.
One or all areas are deleted.


Map data update overview

Updating at the authorized Mercedes-Benz Center

The digital maps generated by the map software become outdated in the same way as conventional road maps. Optimal route guidance can only be provided by the navigation system in conjunction with up-to-date map data. Informa-


tion about new versions of the digital map can be obtained from an authorized Mercedes-Benz Center.

You can have updates to the digital map implemented there.

- ▶  Additional costs can be incurred in this process.

Online map update

The online map update service from Mercedes me connect can be used to update map data.

- ▶  The online map update service is not available in all countries.

The following options are available for the update:

- The automatic map update updates map data for one region.
For automatic map updates **Automatic Online Update** must be activated in the system settings (→ page 177).
- The manual map update updates map data for several or all regions.


Further information on the online map update is available at an authorized Mercedes-Benz Center or at <https://www.mercedes.me>.

Overview of map data

Your vehicle is supplied with map data at the factory. Depending on the country, map data for your region is either pre-installed or the map data is supplied on a data storage medium.

If the map data on your vehicle has been installed at the factory and you wish to reinstall it, you do not need to enter the activation code.

For map data that you have purchased in the form of a data storage medium, you must enter the accompanying activation code.

- ▶  If you save the map data on a data storage medium with the online map update service, no entry is required. The activation code is stored on the data storage medium during the downloading process.

Observe the following when entering the activation code:

- The activation code can be used for one vehicle

- The activation code is not transferable
- The activation code has six digits

In the event of the following problems, please contact an authorized Mercedes-Benz Center:

- The multimedia system does not accept the activation code
- You have lost the activation code

Displaying the compass

Multimedia system:

Navigation ►  Route and Position

► Select **Compass**.

The compass display shows the following information:

- the current direction of travel with bearing (360° format) and compass direction
- longitude and latitude coordinates in degrees, minutes and seconds
- height (rounded)
- number of GPS satellites from which a signal can be received

Setting the map scale automatically


Multimedia system:

Navigation ►  Options

The map scale is set automatically depending on your driving speed.

For journeys in cities with detailed city models, a map view from the driver's perspective is used.

► Switch **Auto Zoom** on or off .

 The automatically selected map scale can be changed manually for a short time. The setting is reset automatically after a few seconds.

Displaying the satellite map


Multimedia system:

Navigation ►  Options

► **Map Content**


► Switch **Satellite Map** on or off .

or

► If satellite map display  is available in the map menu, switch it on or off (→ page 202).

Switched on : satellite maps are displayed in map scales of 2 mi (2 km) or less.

Switched off : no satellite maps are displayed.

 Satellite maps for these map scales are not available in all countries.

Displaying weather information Requirements:

- Mercedes me connect is available.
- You have a user account for the Mercedes me Portal.
- The service is available.
- The service has been activated at an authorized Mercedes-Benz Center.

Further information can be found at: <https://www.mercedes.me>

Multimedia system:


- Navigation ▶▶ Options
- ▶▶ Map Content

▶ Activate Weather Information .

or

▶ If weather information display ⑥ is available in the map menu, activate (→ page 202) it.

Current weather information is displayed on the navigation map, e.g. temperature or cloud cover.

 Weather information is not available in all countries.

Calling up the Digital Operator's Manual (navigation)

Calling up information on navigation

Multimedia system:


- Navigation ▶▶ Options
- ▶▶ Navigation Info

▶ Select the topic.

Telephone


Telephony

Notes on telephony

 **WARNING** Risk of distraction from operating integrated communication equipment while the vehicle is in motion

If you operate communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

 **WARNING** Risk of an accident from operating mobile communication equipment while the vehicle is in motion

Mobile communications devices distract the driver from the traffic situation. This could also cause the driver to lose control of the vehicle.



- ▶ As the driver, only operate mobile communications devices when the vehicle is stationary.
- ▶ As a vehicle occupant, only use mobile communications devices in the areas intended for this purpose, e.g. in the rear passenger compartment.

You must observe the legal requirements for the country in which you are currently driving when operating mobile communication equipment in the vehicle.

Further information can be obtained from an authorized Mercedes-Benz Center or at:
<https://www.mercedes-benz-mobile.com/>

Telephone menu overview



- ① Bluetooth® device name of the currently connected mobile phone
- ② Signal strength of the mobile phone network for the currently connected and selected mobile phone
- ③ Battery status of the currently connected and selected mobile phone
- ④  (telephone ready) or  (call active)

- ⑤ [Contacts](#) (→ page 214)
- ⑥ [Recent Calls](#) (→ page 216)
- ⑦ [Text Message](#)
- ⑧ One mobile phone connected: [Active Call](#).
Two mobile phones connected: changes view between telephone 1 and 2 or [Active Call](#)
- ⑨ [Devices](#) (→ page 210)

- ⑩ [Options](#)
Symbols ① to ④ are not shown until after a mobile phone has been connected to the multimedia system. The symbols depend on your mobile phone and your mobile phone network provider.

Bluetooth® profile overview

Bluetooth® profile of the mobile phone	Function
PBAP (Phone Book Access Profile)	Contacts are automatically displayed in the multimedia system
MAP (Message Access Profile)	Message functions can be used

Telephony operating modes overview

Depending on your equipment, the following telephony operating modes are available:

- A mobile phone is connected to the multimedia system via Bluetooth® (→ page 210).
- Two mobile phones are connected with the multimedia system via Bluetooth® (two phone mode) (→ page 211).

Information on telephony

The following situations can lead to the call being disconnected while the vehicle is in motion:

- There is insufficient network coverage in the area
- You move from one GSM or UMTS transmitter/receiver area (cell) into another and no communication channels are free
- The SIM card used is not compatible with the network available
- A mobile phone with "Twincard" is logged into the network with the second SIM card at the same time

The multimedia system supports calls in HD Voice® for improved speech quality. A requirement for this is that the mobile phone and the mobile phone network provider of the person you are calling support HD Voice®.

Depending on the quality of the connection, the voice quality may fluctuate.


Connecting a mobile phone (Bluetooth® telephony)**Requirements:**

- Bluetooth® is activated on the mobile phone (see the manufacturer's operating instructions).
- Bluetooth® is activated on the multimedia system (→ page 170).

Multimedia system:

➔ Phone ➔ ⌘ Devices

Searching for a mobile phone

- ▶ Select **Connect New Device**.
- ▶ Select **Start Search on System**.
The available mobile phones are displayed. If a new mobile phone is found, it is indicated by the  symbol.

Connecting a mobile phone (authorization using Secure Simple Pairing)

- ▶ Select the mobile phone.
A code is displayed in the multimedia system and on the mobile phone.

- ▶ **If the codes match:** confirm the code on the mobile phone.

Connecting a mobile phone (authorization by entering a passkey)

- ▶ Select the mobile phone.
- ▶ Choose a one to sixteen-digit number combination as a passkey.
- ▶ **On the multimedia system:** enter the passkey and select .
- ▶ **On the mobile phone:** enter the passkey again and confirm.

- ⓘ Up to 15 mobile phones can be authorized on the multimedia system. Authorized mobile phones are reconnected automatically.

Connecting a second mobile phone (two phone mode)

Requirements:

- At least one mobile phone is already connected to the multimedia system via Bluetooth®.

Multimedia system:

↳ Phone ▶▶ Bluetooth Devices

- ▶ Select **Connect New Device**.
- ▶ Select **Start Search on System**. The available mobile phones are displayed.
- ▶ Select the mobile phone.
- ▶ Answer the **How would you like to connect the new device?** prompt.
- ▶ **To replace the currently connected mobile phone:** select **Phone 1**. The currently connected mobile phone is replaced by the new mobile phone.

or

- ▶ **To connect the second mobile phone:** select **Phone 2**. The new mobile phone is connected as **Phone 2**. If two mobile phones have already been connected, the second telephone is replaced by the new mobile phone.

or

- ▶ **To use the mobile phone as an audio source:** select **Audio Source** (→ page 244).

- ⓘ A mobile phone can be operated both as an audio source as well as telephone in parallel.
- ⓘ The type of connection for the connected mobile phone, for example as **Phone 1**, **Phone 2** or as **Audio Source**, can be redefined at any time. (→ page 211).

Functions of the mobile phone in two phone mode

Functions overview

Mobile phone in the foreground	Mobile phone in the background
Full range of functions	Incoming calls

Interchanging mobile phones (two phone mode)

Requirements:

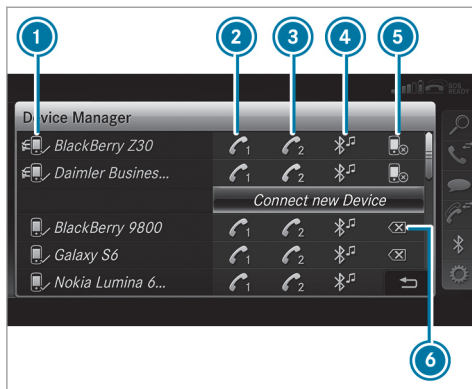
- The mobile phones are authorized (→ page 210).

Multimedia system:

→ Phone ▶ Bluetooth Devices

- ▶ In the device overview, select a mobile phone which has already been authorized and set as **Phone 1** or **Phone 2**.

After interchanging the mobile phones, the mobile phone in the foreground is replaced by the mobile phone in the background.




- 1 Bluetooth® device name of the currently connected mobile phone
- 2 Connects a mobile phone as **Phone 1**
- 3 Connects a mobile phone as **Phone 2**
- 4 Connects a mobile phone as **Audio Source**
- 5 Disconnects a mobile phone(→ page 212)
- 6 De-authorizes a mobile phone(→ page 212)

- ⓘ If a new mobile phone is connected and defined as **Phone 1**, for example, this overwrites the previously connected mobile phone in the foreground of the system.

Disconnecting a mobile phone

Multimedia system:


→ Phone ▶ Bluetooth Devices

- ▶ Select the  symbol in the line of the mobile phone.
The disconnection of the mobile phone takes place without a confirmation prompt. The mobile phone remains authorized in the system.

De-authorizing a mobile phone

Multimedia system:

→ Phone ▶ Bluetooth Devices

- ▶ Select the  symbol in the line of the mobile phone.
- ▶ Answer the confirmation prompt with **Yes**.
The mobile phone is de-authorized and deleted from the system.

Setting the reception and transmission volume

Requirements:

- The mobile phone is authorized (→ page 210).

Multimedia system:

☛ Phone ▶ ⚙️ Options ▶ Phone

This function ensures optimal language quality.

- ▶ Select [Reception Volume](#) or [Transmission Volume](#).
- ▶ Set the volume.

Further information on the recommended reception and transmission volume: <https://www.mercedes-benz-mobile.com/>

Adjusting the call and ringtone volume

Multimedia system:

☛ System ▶ 🎧 Audio ▶ Phone


- ▶ Select [Call Volume](#) or [Ringtone Volume](#).
- ▶ Set the volume.

Starting/stopping mobile phone voice recognition

Requirements:

- The mobile phone is connected to the multimedia system (→ page 210).

Starting mobile phone voice recognition

- ▶ Press and hold the  button on the multi-function steering wheel for more than one second.
You can use mobile phone voice recognition.

Stopping mobile phone voice recognition

- ▶ Press the  or  button on the multi-function steering wheel.

Calls


Using the telephone

Multimedia system:

☛ Phone ▶ 👤 Contacts

Making a call

- ▶ Select [Numerical Keypad](#).
- ▶ Enter the number.

- ▶ Select .
The call is made.

Accepting a call

- ▶ Select [Accept](#).

Rejecting a call

- ▶ Select [Reject](#).

Ending a call

- ▶ Select .

Activating functions during a call

- ▶ To show all functions, navigate down.

The following functions are available during a call:

- [End Call](#)
- [Make Additional Call](#)
- [Keyboard](#) (show to send DTMF tones)
- Switch [Mute Mic](#) on or off .
- [Private Mode](#) (an active call in hands-free mode is transferred over to the telephone)

Conducting calls with several participants

Requirements:

214 Multimedia system

- There is an active call (→ page 213).
- Another call is being made.

Switching between calls

- ▶ Select call ●.
The selected call is active. The other call is on hold.

Activating or ending a call on hold

- ▶ Select **Continue Call** or **End Call**.

Conducting a conference call

- ▶ Select **Create Conference Call** in the telephone menu.
The new participant is included in the conference call.

Ending an active call

- ▶ Select .

- ⓘ On some mobile phones, the call on hold is activated as soon as the active call is ended.

Accepting/rejecting a waiting call

Requirements:

- There is an active call (→ page 213).

If you receive a call while already in a call, a message is displayed. An acoustic signal also sounds.

- ▶ Select **Accept**.
The incoming call is active.

If only one mobile phone is connected with the multimedia system, the previous call will be put on hold.

If during a call you accept a call with the other mobile phone when in two phone mode then the existing call is ended.

- ▶ Select **Reject**.

- ⓘ This function and behavior depends on your mobile phone network provider and the mobile phone (see the manufacturer's operating instructions).

Contacts

Information about the contacts menu

The contacts menu contains all contacts from existing data sources, e.g. mobile phone or memory card. You can store up to 6,000 contacts.

Depending on the data source, you have the following number of contacts:

- Permanently saved contacts: 3,000 entries
- Contacts loaded from the mobile phone: 3,000 entries

From the contacts menu, you can perform the following actions:

- Using the telephone:
 - Calling a contact (→ page 216)
 - Calling a new number (→ page 213)
- Navigation (→ page 188)
- Compose messages (→ page 217)

If a mobile phone is connected to the multimedia system (→ page 210) and automatic calling up (→ page 215) is activated, the mobile phone's contacts are displayed in the address book.

Downloading mobile phone contacts

Multimedia system:

Phone >> Options >> Contacts

Automatically

- ▶ Switch [Synchronize Contacts Automatically](#) on .

Manually

- ▶ Deactivate [Synchronize Contacts Automatically](#).
- ▶ Select [Synchronize Contacts](#).

Calling up contacts

Multimedia system:

Phone >> Contacts

Depending on the character set, the following options can be used to search for contacts:

- searching by initials
- searching by name
- searching by phone number

- ▶ Enter characters into the search field. A selection of possible contacts appears. Entering more characters into the search field narrows down the number of possible selections.

- ▶ Select the contact.

A contact can contain the following details:

- phone numbers
- navigation addresses
- geo-coordinates
- Internet address

Editing the format of a contact's name

Multimedia system:

Phone >> Options >> Contacts >> Name Format





The following options are available:

- [Last Name, First Name](#)
- [Last Name First Name](#)
- [First Name Last Name](#)

- ▶ Select an option.

Overview of importing contacts

Contacts from various sources

Source	Requirements
 Memory card	The SD memory card is inserted.
 USB device	The USB device is inserted in the USB port.
 Bluetooth® connection	Bluetooth® is activated in the multimedia system and on the respective device (see the manufacturer's operating instructions).
 Mobile phone	The mobile phone is connected to the multimedia system.

- ⓘ If the sending of vCards via Bluetooth® is supported, vCards can be received on mobile phones or netbooks, for example.

Importing contacts into the contacts menu

Multimedia system:




Phone ► Options ► Contacts

- ▶ Select **Import**.
- ▶ Select an option.

Saving a mobile phone contact

Multimedia system:

Phone ► Contacts

- ▶ Select the mobile phone contact .
- ▶ Select .
- ▶ Select **Save to Vehicle**.
The contact saved in the multimedia system is identified by the  symbol.

Calling a contact

Multimedia system:


Phone ► Contacts

- ▶ Enter characters into the search field.
- ▶ Select the contact.
- ▶ Select the telephone number.
The number is dialed.

Selecting further options in the contacts menu

Multimedia system:

Phone ► Contacts

- ▶ Select a contact.
- ▶ Select .

Depending on the stored data, the following options are available:


- **Call**
 - **Send Text Message**
 - **Show Website** (if an Internet address has been stored)
 - **Navigate** (if an address has been stored)
 - **Save My Favorite**
 - **Send DTMF Tones** (for a number with DTMF tones)
- ▶ Select an option.

Deleting a contact

Multimedia system:

Phone ► Contacts

You can delete contacts stored in the vehicle.

- ▶ Search for the contact.
- ▶ Select the contact.
- ▶ Select .
- ▶ Select **Delete Contact**.
- ▶ Select **Yes**.

Call list**Call list overview**

Depending on whether your mobile phone supports the PBAP Bluetooth® profile or not, this can have different effects on the presentation and functions of the call list.

If the PBAP Bluetooth® profile is supported, the effects are as follows:

- The call lists from the mobile phone are displayed in the multimedia system.

- When connecting the mobile phone, you may have to confirm the connection for the PBAP Bluetooth® profile.

If the PBAP Bluetooth® profile is not supported, the effects are as follows:

- The multimedia system generates its own call lists.
- The call list is not synchronized with the call lists in the mobile phone.

Making a call from the call list

Multimedia system:

☞ Phone ▶ ☎ Recent Calls

- ▶ Select a number.
The call is made.

Text messages


Overview of text message functions

If the connected mobile phone supports the MAP Bluetooth® profile, the text message functions can be used on the multimedia system.

You can obtain further information about settings and supported functions of Bluetooth®-

capable mobile phones at an authorized Mercedes-Benz Center or at: <https://www.mercedes-benz-mobile.com/>

Some mobile phones require further settings after being connected to the multimedia system (see manufacturer's operating instructions).

New messages are identified by the  symbol in the media display and an audible signal.

Depending on the mobile phone, the multimedia system only displays new incoming text messages or the 100 newest text messages.

Configuring the text messages displayed

Multimedia system:

☞ Phone ▶ ⚙ Options ▶ Text Message
▶ Message Display

- ▶ Select .

A menu with the following options is shown:

- All Messages
- New and Unread Messages
- New Messages
- Off (The text messages are not displayed automatically.)

- ▶ Select an option.

- ⓘ The setting may not be active until the mobile phone is reconnected.

Reading text messages

Multimedia system:

☞ Phone ▶  Text Message

Reading a text message

- ▶ Select a text message.
The message text is displayed.

Using the read-aloud function

- ▶ Select a text message.
- ▶ Select **Read Aloud**.
The text message is read aloud.

Composing and sending a text message

Multimedia system:

☞ Phone ▶  Text Message

- ▶ Select **Write New Text Message**.

Adding a recipient

- ▶ Select **Press to Add Recipient**.
- ▶ Select the contact.

Dictating text

- ▶ Select [Press to Dictate](#).
- ▶ **To start the dictation function:** press on the central control element. The app for the dictation function is loaded. If there was no prior Internet connection, a connection is now established.
- ▶ Say the message. The dictation ends automatically after you have finished speaking. After the voice message has been processed, it is shown as text.
- ▶ **To replace a message:** select [Replace message](#). The text that has been dictated and shown on the display is reset and can be dictated again.

Editing text

- ▶ Select the word.

- ▶ **To call up the correction menu:** press on the central control element.

The following options are available:

- Adjusting the capitalization of words (if supported by the character set)
- Expanding the choice of words
- Deleting the selection
- Recording a new dictation

- ▶ **To leave the menu:** select [Done](#).


Sending text messages

- ▶ Select [Send Text Message](#).

Replying to a text message

Multimedia system:


- ▶ [Phone](#) ▶  [Text Message](#)

- ▶ Open the text message.
- ▶ Select .
- ▶ Select [Reply](#).

Calling a text message sender

Multimedia system:


- ▶ [Phone](#) ▶  [Text Message](#)

- ▶ Open the text message.
- ▶ Select .
- ▶ Select [Call Sender](#).

Deleting text messages

Multimedia system:

- ▶ [Phone](#) ▶  [Text Message](#)

- ▶ Select .
- ▶ **To delete a text message:** select [Delete](#).
- ▶ [Outbox](#)
- or
- ▶ Select [Drafts](#).

Mercedes-Benz link

Overview of Mercedes-Benz Link

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.


Using Mercedes-Benz Link, various functions and selected mobile phone apps can be transferred to the media display.

The Mercedes-Benz Link control box supplementary equipment is required for this. You can


obtain this at an authorized Mercedes-Benz Center.

- ⓘ The Mercedes-Benz Link control box uses the Android operating system.
- ⓘ The service provider is responsible for these apps and the services and content connected to it.

Connecting Mercedes-Benz Link with the multimedia system

- ▶ Connect the Mercedes-Benz Link control box with the  USB port of the multimedia connection unit using a suitable connecting cable.
- ⓘ A suitable connecting cable is available separately at an authorized Mercedes-Benz Center.

Using Mercedes-Benz Link Requirements:

- The Mercedes-Benz Link control box is connected with the multimedia system using the  USB port.

Multimedia system:

↳ [Connect](#) ▶ [Mercedes-Benz Link](#)

- ▶ Select [MB Link](#).
The mobile phone functions and apps are available and shown on the media display.

You can find more information in the Mercedes-Benz Link control box operating instructions.

Ending Mercedes-Benz Link

Multimedia system:

↳ [Connect](#) ▶ [Mercedes-Benz Link](#)

- ▶ Select [Disconnect](#).
The connection is ended.
The mobile phone continues to be supplied with electricity.

or

- ▶ Disconnect the connecting cable between the Mercedes-Benz Link control box and the multimedia system.

- ⓘ Mercedes-Benz recommends disconnecting the connecting cable only when the vehicle is stationary.

Apple CarPlay®

Overview of Apple CarPlay®


⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

iPhone® functions can be used via the multimedia system using Apple CarPlay®. They are operated using the central control element or the

Siri® voice control system. You can activate the voice control system by pressing and holding the  button on the multifunction steering wheel.

When using Apple CarPlay® with voice control, the multimedia system can still be operated via the Voice Control System (→ page 146).

Only one mobile phone at a time can be connected via Apple CarPlay® to the multimedia system.

The availability of Apple CarPlay® may vary according to the country.

The service provider is responsible for this application and the services and content connected to it.


Apple CarPlay® is a registered trademark of Apple Inc.

Information on Apple CarPlay®

While using Apple CarPlay® various functions of the multimedia system, e.g. telephony or the media sources Bluetooth® audio and iPod®, are unavailable.

Only one route guidance can be active at a time. If route guidance is active on the multimedia system, it is closed when route guidance is started on the mobile phone.

Connecting an iPhone® via Apple CarPlay® Requirements:

- Apple® operating system version iOS 8.3 or above is installed on the iPhone®.
- An Internet connection is required for the full range of functions for Apple CarPlay®.
- The iPhone® is connected to the multimedia system via the USB port  using a suitable cable (→ page 238).

Multimedia system:

 **Connect**  **Apple CarPlay**

Setting automatic or manual start

A message appears when connected for the first time.

- ▶ **Automatic start:** select **Automatically**. **Start Automatically** is activated .

Apple CarPlay® will now start immediately after the iPhone® is connected to the multimedia system using a USB cable.


- ▶ **Manual start:** select **Manually**.
- ▶ Select the iPhone® in the device list.

Accepting/rejecting the data protection regulations

A message with the data protection regulations appears.

- ▶ Select **Accept & Start**.
- or
- ▶ Select **Decline & End**.

Exiting Apple CarPlay®

- ▶ Press the  button on the multifunction steering wheel, for example.
- ⓘ If Apple CarPlay® was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Apple CarPlay® in the main menu.

Calling up Apple CarPlay® sound settings

Multimedia system:

- ↳ **Connect** ▶ **Apple CarPlay** ▶ **Sound**
- ▶ Select the sound menu (→ page 254).

Ending Apple CarPlay®

Multimedia system:

- ↳ **Connect** ▶ **Apple CarPlay**
- ▶ Select **Disconnect**.
The connection is ended.
The mobile phone continues to be supplied with electricity.
- or
- ▶ Disconnect the connecting cable between the mobile phone and multimedia system. Mercedes-Benz recommends disconnecting the connecting cable only when the vehicle is stationary.

Android Auto

Android Auto overview


⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.
- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

Mobile phone functions can be used with Android Auto using the Android operating system on the multimedia system. It is operated

using the central control element or voice control system. You can activate the voice control system by pressing and holding the  button on the multifunction steering wheel.

When using Android Auto with voice control, the multimedia system can still be operated using the Voice Control System (→ page 146).

Only one mobile phone at a time can be connected via Android Auto with the multimedia system.

The availability of Android Auto and Android Auto apps may vary according to the country.


The service provider is responsible for this application and the services and content connected to it.

Information on Android Auto

While using Android Auto, various functions of the multimedia system, for example the media source Bluetooth® audio, are not available.

Only one route guidance can be active at a time. If route guidance is active on the multimedia system, it is closed when route guidance is started on the mobile phone.

Connecting a mobile phone via Android Auto Requirements:

- The first activation of Android Auto on the multimedia system must be carried out when the vehicle is stationary for safety reasons.
- The mobile phone supports Android Auto from Android 5.0.
- The Android Auto app is installed on the mobile phone.
- In order to use the telephone functions, the mobile phone must be connected to the multimedia system via Bluetooth® (→ page 210). If there was no prior Internet connection, this is established with the use of the mobile phone with Android Auto.
- The mobile phone is connected to the multimedia system via the USB port  using a suitable cable (→ page 238).
- An Internet connection is required for the full range of functions for Android Auto.

Multimedia system:

 **Connect**  **Android Auto**

 Select the mobile phone from the device list.

Accepting/rejecting the data protection regulations

A message with the data protection regulations appears.

 Select **Accept & Start**.

or

 Select **Decline & End**.



Activating automatic start

 Select **Start Automatically** .

Starting manually

 Select the mobile phone from the device list.

Exiting Android Auto

 Press the  button on the multifunction steering wheel, for example.

- i** If Android Auto was not displayed in the foreground before disconnecting, the application starts in the background when reconnected. You can call up Android Auto in the main menu.

Calling up the Android Auto sound settings

Multimedia system:

→ **Connect** → **Android Auto** → **Sound**

- ▶ Select the tone menu (→ page 254).

Ending Android Auto

Multimedia system:

→ **Connect** → **Android Auto**

- ▶ Select **Disconnect**.
The connection is ended.
The mobile phone continues to be supplied with electricity.
- or
- ▶ Disconnect the connecting cable between the mobile phone and multimedia system. Mercedes-Benz recommends disconnecting the connecting cable only when the vehicle is stationary.

Transferred vehicle data with Android Auto and Apple CarPlay®

Overview of transferred vehicle data

When using Android Auto or Apple CarPlay®, certain vehicle data is transferred to the mobile phone. This enables you to get the best out of selected mobile phone services. Vehicle data is not directly accessible.

The following system information is transmitted:

- Software release of the multimedia system
- System ID (anonymized)

The transfer of this data is used to optimize communication between the vehicle and the mobile phone.

To do this, and to assign several vehicles to the mobile phone, a vehicle identifier is randomly generated.

This has no connection to the vehicle identification number (VIN) and is deleted when the multimedia system is reset (→ page 178).

The following driving status data is transmitted:

- Transmission position engaged

- Distinction between parked, standstill, rolling and driving
- Day/night mode of the instrument cluster

The transfer of this data is used to alter how content is displayed to correspond to the driving situation.

The following position data is transmitted:

- Coordinates
- Speed
- Compass direction
- Acceleration direction

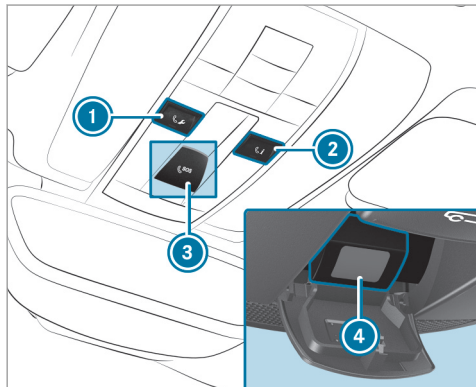
This data is only transferred while the navigation system is active in order to improve it (e.g. so it can continue functioning when in a tunnel).

Mercedes me calls

Making a call via the overhead control panel Requirements:

- You have access to a GSM network.
- The contract partner's GSM network coverage is available in the respective region.

- The ignition is switched on so that vehicle data can be transferred automatically.



▶ **To make a breakdown assistance call:** press button ①.

▶ **To make an emergency call:** press SOS button cover ③ briefly to open.

▶ Press and hold SOS button ④ for at least one second.

▶ **To make an MB Info call:** press button ②.

An emergency call can be initiated even if a breakdown assistance or MB Info call is active. This has priority over all other active calls.

Calls via the overhead control panel are only possible with an available mobile phone network.

More information on Mercedes me connect and further services can be found at: <https://www.mercedes.me>

Calling the Mercedes-Benz Customer Center using the multimedia system Requirements:

- You have access to a GSM network.
- The contract partner's GSM network coverage is available in the respective region.
- The ignition is switched on so that vehicle data can be transferred automatically.

Multimedia system:

➔ Phone ➔ Contacts

▶ Call Mercedes me connect.
The call is made.

After confirmation, the multimedia system sends the required vehicle data. The data transfer is shown in the media display.

Then, you can select a service and be connected to a specialist at the Mercedes-Benz Customer Center.

ⓘ In some countries, or if the Concierge Service is active, you will be connected directly with the Mercedes-Benz Customer Center.

The Concierge Service is not available in all countries. More information about Mercedes me connect services can be obtained in the Mercedes me Portal: <https://me.secure.mercedes-benz.com>

Information on the MB Info call

An Info call to the Mercedes-Benz Customer Center has been initiated via the overhead control panel (→ page 223) or the multimedia system (→ page 224).

You can find information on the following topics:

- Activation of Mercedes me connect
- Operating the vehicle

- Nearest authorized Mercedes-Benz Center
- Other products and services from Mercedes-Benz

Data is transferred during the connection to the Mercedes-Benz Customer Center .

Information on the breakdown assistance call

A breakdown assistance call to the Mercedes-Benz Customer Center has been initiated via the overhead control panel (→ page 223) or the multimedia system (→ page 224).

For the scope of Accident and Breakdown Management, see "Information on Mercedes me connect Accident and Breakdown Management" (→ page 228).


Data is transferred during the connection to the Mercedes-Benz Customer Center (→ page 226).

Calling the Mercedes-Benz Customer Center after automatic accident or breakdown detection

Requirements:

- The vehicle has detected an accident or breakdown situation.

- The vehicle is stationary.
- The hazard warning lights are switched on.

 This function is not available in all countries.

In limited situations the vehicle can detect accident or breakdown situations.


In the event an accident or breakdown is detected, the emergency guide shows safety notes in the multimedia system display.


After quitting the emergency guide display on the multimedia system, a prompt appears asking whether you wish to get support from the Mercedes-Benz Customer Center.


 Select **Call**.

- After your agreement, or if the Mercedes me connect service "Accident and Breakdown Management" is active, the vehicle data is transferred automatically (→ page 228).
- A Mercedes-Benz Customer Center employee takes your call and organizes the breakdown and accident assistance.

You may be charged for these services.

 Depending on the severity of the accident, an automatic emergency call can be initiated. This has priority over all other active calls.

 In addition, if the Mercedes me connect service "Telediagnosics" is active, a similar prompt can appear after a delay in the event of a breakdown. If you are already in contact with the Mercedes-Benz Customer Center or have already received support, this prompt can be ignored or declined.

 If you answer the prompt for support from the Mercedes-Benz Customer Center with **Later**, the message will be hidden and appear again later. The prompt triggered by the Mercedes me connect service "Telediagnosics", can either be confirmed or declined. After being declined, this will not be shown again.

Arranging a service appointment via a Mercedes me call

If you have activated the maintenance management service, relevant vehicle data is transferred automatically to the Mercedes-Benz Customer

Center. You will then receive individual recommendations regarding the maintenance of your vehicle.

Regardless of whether you have consented to the maintenance management service, the multimedia system reminds you after a certain amount of time that a service is due. A prompt appears asking if you would like to make an appointment.

► **To arrange a service appointment:** select **Call**.

After your agreement the vehicle data is sent and a Mercedes-Benz Customer Center employee deals with your appointment. The information is then sent to your desired service outlet.

This will contact you to confirm the appointment and if necessary consult about the details.

i If you select **Later** after the service message appears, the message is hidden and reappears at a later time.

Transferred data during a Mercedes me call

If you initiate a service call using Mercedes me, data is transferred to enable targeted advice and an efficient service.

The following requirements must be fulfilled for the transfer of the data:

- The ignition is switched on.
- The required data transfer technology is supported by the mobile phone network provider.
- The quality of the mobile connection is sufficient.

Multi-stage transfer depends on the following factors:

- Reason for the initiation of the call
- The available mobile phone transmission technology.
- The activated Mercedes me connect services.
- The service selected in the voice control system.

Data transfer if Mercedes me connect services are not activated

If no Mercedes me connect services are activated, the following data is transferred:

- Vehicle identification number
- Time of the call
- Reason for the initiation of the call
- Confirmation of the data protection prompt
- Country indicator of the vehicle
- Set language for the multimedia system
- Telephone number of the communication platform installed in the vehicle

If a call is made for a service appointment via the service reminder, the following data is also transmitted:

- Current mileage and maintenance data

If a call is made after automatic accident or breakdown detection using the multimedia system, the following data is also transmitted:

- Current mileage and maintenance data
- Current vehicle location

If Accident and Breakdown Management is called via the voice control system and no service has been activated, the following data can also be called up from the vehicle by the Mercedes-Benz Customer Center:

- Current vehicle location

Data transfer if Mercedes me connect services are activated

Only if the respective service is activated will additional incident-specific data be transmitted in the second stage to enable an optimal service.

An overview of the data transmitted can be found in the respective terms of use for Mercedes me connect services. These can be obtained in the Mercedes me Portal: <https://me.secure.mercedes-benz.com>

Data processing

The data transmitted within the scope of the call is deleted from the processing system after the call is finished, in so far as this data is not being used for other activated Mercedes me connect services.

The incident-specific data is processed and stored in the Mercedes-Benz Customer Center and, if required to process the incident, forwarded to the service partner authorized by the Mercedes-Benz Customer Center. Please take note of the data protection information on the Mercedes me Internet page <https://www.mercedes.me> or in the recorded message immediately after calling the Mercedes-Benz Customer Center.

- ⓘ The recorded message is not available in every country.

Mercedes me connect

Information on Mercedes me connect

Mercedes me connect consists of multiple services.

You can use the following services via the multimedia system and the overhead control panel, for example:

- Accident and breakdown management (breakdown assistance call button)

- If the service is activated: Concierge Service (Info call button)
- Mercedes-Benz emergency call system (automatic emergency call and SOS button in the overhead control panel)

The Mercedes-Benz Customer Center and the Mercedes-Benz emergency call center are available for you around the clock.

The Info call button, the breakdown assistance call button and the emergency call button can be found on the overhead control panel of the vehicle (→ page 223).

You can call the Mercedes-Benz Customer Center using the multimedia system (→ page 224).

Please note that Mercedes me connect is a Mercedes-Benz service. In emergencies, always call the national emergency services first using the standard national emergency service phone numbers. In emergencies, you can also use the Mercedes-Benz emergency call system (→ page 229).

Information on Mercedes me connect Accident and Breakdown Management

The Accident and Breakdown Management can include the following functions:

- Supplement to the Mercedes-Benz emergency call system (→ page 229)

If necessary, the contact person at the Mercedes-Benz emergency call center forwards the call to Mercedes me connect Accident and Breakdown Management. Forwarding the call is however not possible in all countries.

- Breakdown assistance by a technician on location and/or the towing away of the vehicle to the nearest authorized Mercedes-Benz Center

You may be charged for these services.

More information about Mercedes me connect services can be obtained in the Mercedes me Portal: <https://me.secure.mercedes-benz.com>

Data transferred during Mercedes me connect call services

The data transferred during a Mercedes me connect call depends on:

- The reason for initiation of the call
- The service that is selected in the voice control system
- The activated Mercedes me connect services

Which data is transferred for the services can be taken from the currently valid terms of use. These can be obtained in the Mercedes me portal: <https://me.secure.mercedes-benz.com>

Mercedes-Benz emergency call system

Information on the Mercedes-Benz emergency call system

Your vehicle is equipped with the Mercedes-Benz emergency call system ("eCall"). This feature can help save lives in the event of an accident. eCall in no way replaces assistance provided from dialing 911.

The Mercedes-Benz emergency call system is available for at least ten years starting from the manufacturing date.

Mercedes-Benz eCall only functions in areas where mobile phone coverage is available from the wireless service providers. Insufficient network coverage from the wireless service providers may result in an emergency call not being transmitted.

eCall is a standard feature in your Mercedes-Benz vehicle. In order to function as intended, the system relies on the transmission of data detailed in the Transmitted Data section that follows (→ page 230).

To disable eCall, a customer must visit an authorized Mercedes-Benz Service department to deactivate the vehicle's communication module.

Deactivation of this module prevents the activation of any and all Mercedes me connect services. After the deactivation of eCall, automatic emergency call and manual emergency call will not be available.

The ignition must be switched on before an automatic emergency call can be made.

- ❗ eCall is activated at the factory.
- ❗ eCall can be deactivated by an authorized Mercedes-Benz dealer. Please note that in the event ownership of the vehicle is transferred to another owner in its deactivated state, eCall will remain deactivated unless the new owner visits an authorized Mercedes-Benz dealership to reactivate the system.

Overview of the Mercedes-Benz emergency call system

eCall can help to reduce the time between an accident and the arrival of emergency services at the site of the accident. It helps locate an accident site in places that are difficult to access. However, even if a vehicle is equipped with eCall, this does not mean the system is ON. As such, eCall does not replace dialing 911 in the event of an accident.


An emergency call can be made automatically (→ page 229) or manually (→ page 230).

Only make emergency calls if you or others are in need of rescue. Do not make an emergency call in the event of a breakdown or a similar situation.

Displays in the media display

SOS READY: eCall available

SOS NOT READY: the ignition is not on or eCall is not available.

During an active emergency call,  appears in the display.

You can find more information on the regional availability of eCall at: <https://www.mercedes-benz-mobile.com/extra/ecall/>

- ❗ If there is a malfunction in the emergency call system (e.g. a malfunction with the speaker, microphone, airbag, SOS button), a corresponding message appears in the multifunction display of the instrument cluster.

Triggering an automatic emergency call Requirements

- The ignition is switched on.
- The starter battery is sufficiently charged.

If restraint systems such as airbags or Emergency Tensioning Devices have been activated after an accident, the Mercedes-Benz emergency call system may automatically initiate an emergency call.

The emergency call has been made:

- A voice connection is made to the Mercedes-Benz emergency call center.
- A message with accident data is transmitted to the Mercedes-Benz emergency call center.

The Mercedes-Benz emergency call center can transmit the vehicle position data to one of the emergency call centers.

The SOS button in the overhead control panel flashes until the emergency call is finished.

It is not possible to immediately end an automatic emergency call.

If no connection can be made to the emergency services either, a corresponding message appears in the media display.

- ▶ Dial the local emergency number on your mobile phone.

If an emergency call has been initiated:

- Remain in the vehicle if the road and traffic conditions permit you to do so until a voice connection is established with the emergency call center operator.
- Based on the call, the operator decides whether it is necessary to call rescue teams and/or the police to the accident site.
- If no vehicle occupant answers, an ambulance is sent to the vehicle immediately.

Triggering a manual emergency call

- ▶ Press and hold the SOS button in the overhead control panel for at least one second.

The emergency call has been made:

- A voice connection is made to the Mercedes-Benz emergency call center.
- A message with accident data is transmitted to the Mercedes-Benz emergency call center.


The Mercedes-Benz emergency call center can transmit the vehicle position data to one of the emergency call centers.

- Remain in the vehicle if the road and traffic conditions permit you to do so until a voice connection is established with the emergency call center operator.
- Based on the call, the operator decides whether it is necessary to call rescue teams and/or the police to the accident site.

If no connection can be made to the emergency services either, a corresponding message appears in the media display.

- ▶ Dial the local emergency number on your mobile phone.

Ending an unintentional emergency call

- ▶ **On the multifunction steering wheel:** select . Depress the button for several seconds.

Data transfer of the Mercedes-Benz emergency call system

In the event of an automatic or manual emergency call the following data is transmitted, for example:

- Vehicle's GPS position data

- GPS position data on the route (a few hundred meters before the incident)
- Direction of travel
- Vehicle identification number
- Vehicle drive type
- Number of people determined to be in the vehicle
- Whether Mercedes me connect is available or not
- Whether the emergency call was initiated manually or automatically
- Time of the accident
- Language setting on the multimedia system

Data transmitted is vehicle information. For any questions about the collection, use and sharing of the eCall system data, please contact MBUSA's Customer Assistance Center at 800-FOR-MERC.

For Canada, please contact MBC's Customer Assistance Center at 1-800-387-0100.

Customer requests for covered information should be submitted via the same channels.

For accident clarification purposes, the following measures can be taken up to an hour after the emergency call has been initiated:

- The current vehicle position can be determined.
- A voice connection to the vehicle occupants can be established

Online and Internet functions

Internet connection

Information on connecting to the Internet

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information and communication equipment integrated in the vehicle when driving, you will be distracted from the traffic situation. This could also cause you to lose control of the vehicle.

- ▶ Only operate this equipment when the traffic situation permits.

- ▶ If you cannot be sure of this, stop the vehicle whilst paying attention to road and traffic conditions and operate the equipment with the vehicle stationary.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system.

⚠ WARNING Risk of an accident from operating mobile communication equipment while the vehicle is in motion

Mobile communications devices distract the driver from the traffic situation. This could also cause the driver to lose control of the vehicle.

- ▶ As the driver, only operate mobile communications devices when the vehicle is stationary.
- ▶ As a vehicle occupant, only use mobile communications devices in the areas intended for this purpose, e.g. in the rear passenger compartment.

You must observe the legal requirements for the country in which you are currently driving when operating mobile communication equipment in the vehicle.

The Internet functions can only be used to a limited degree whilst driving.

Function of the communication module

On vehicles with a built-in communication module, the Internet connection is established via an integrated SIM card.

To use Internet access via the communication module the following conditions must be met:

- The vehicle is equipped with a permanently installed communication module.
- Mercedes me connect is active and ready for operation.
- Mercedes me connect is activated for Internet access.

For most Mercedes me connect services, data volume is available when purchasing the services.

Additional data volume is required to use some functions, e.g. Internet radio or Wi-Fi hotspot.

If the data volume limit is reached, the availability of Mercedes me connect services is limited. The data volume can be purchased **directly from a mobile phone network provider** via the Mercedes me Portal.

- ① Visit an authorized Mercedes-Benz Center to find out whether it is possible to purchase data volume in your country **directly from a mobile phone network provider**.

Connection status

Connection status overview



- ① Display of the communication module reception field strength
- ② Display of existing connection

Displaying the connection status

Multimedia system:

- System ➤  Connectivity
- ▶ Select Internet Status.

- ① In the case of a connection via the communication module the following status information is shown:

- Type of network
- Status online/offline

Mercedes-Benz Apps

Calling up Mercedes-Benz Apps Requirements:

- The registration for the use of Mercedes-Benz Apps has been completed.
- The general terms and conditions have been confirmed.

Multimedia system:

➤ Connect ➤  Mercedes-Benz Apps


- ▶ Select an app.

- ① The available features are country-dependent. License fees may be applicable.


Using Mercedes-Benz Apps with voice control

Requirements:


- The registration for the use of Mercedes-Benz Apps has been completed.
- The general terms and conditions have been confirmed.

The  symbol indicates that a Mercedes-Benz app can be used via voice control.

▶ Select a Mercedes-Benz app.
The app menu is displayed.

▶ **To use voice control:** select  **Language**.

▶ Say the question or command.

 Voice control is not available in all countries and languages.

Tuneln Radio

Calling up Tuneln Radio

Requirements:

- The Internet Radio service is activated.
- The data volume is available.

Depending on the country, data volume may need to be purchased.

- A fast Internet connection for data transmission free of interference.
The services are country-dependent.
For more information, consult an authorized Mercedes-Benz Center.

Multimedia system:

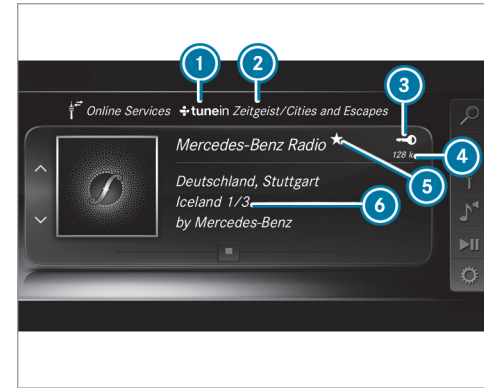
 **Radio**  **Radio Source**

▶ Select **Tuneln Radio**.

The Tuneln Radio display appears. The last station set starts playing.

 The connection quality depends on the local mobile phone reception.

Overview of Tuneln Radio



- 1 Internet Radio provider
- 2 Selected category
- 3 Display (if connected to private user account)
- 4 Data transfer rate
- 5 Current station is stored as a favorite
- 6 Additional information on the current station

Selecting and connecting Tuneln Radio stations


Multimedia system:

→ Radio ▶ Radio Source
▶ Tuneln Radio ▶ Search

- ▶ Select a category.
- ▶ Select a station.
The connection is established automatically.

or

- ▶ Select [Enter Address or POI](#).
- ▶ Enter a station name using the entry field.


 A relatively large volume of data can be transmitted when using Tuneln Radio.


Saving/deleting a Tuneln Radio station as a favorite

Multimedia system:

→ Radio ▶ Radio Source
▶ Tuneln Radio

- ▶ Select a station.



- ▶ Press and hold the central control element until an audible signal sounds.
The  symbol appears by the station name.

- ▶ Select  [Favorites](#) .
The list of saved favorite stations appears.

or

- ▶ Create an account for the online provider (Tuneln Radio) and then log in on the multimedia system.
Your favorites are imported to the multimedia system.

Deleting favorites

- ▶ Select  [Favorites](#) .
- ▶ Select a station.
- ▶ Press and hold the central control element until an audible signal sounds.
The  symbol by the station name disappears.

Setting the Tuneln Radio options

Multimedia system:

→ Radio ▶ Radio Source
▶ Tuneln Radio ▶ Options

The following options are available:


- [Select Stream](#): select the stream quality
- [Login to Tuneln Account](#): log in to your Tuneln user account
- [Log Out of Account](#): log out of your Tuneln user account

- ▶ Select an option.

Media

Audio mode

Information on the audio mode

 **WARNING** Risk of distraction when handling data storage media

If you handle a data storage medium while driving, your attention is diverted from the

traffic conditions. This could also cause you to lose control of the vehicle.

- ▶ Only handle a data storage medium when the vehicle is stationary.

Permissible file systems:

- FAT32
- exFAT
- NTFS

Permissible data storage medium:

- SD card
- USB storage device
- iPod®/iPhone®
- MTP devices
- Bluetooth® audio equipment

- ① Observe the following notes:
 - The multimedia system supports a total of up to 50,000 files.
 - Data storage media up to 2 TB are supported (32-bit address space).

Supported formats:

- MP3
- WMA
- AAC
- WAV
- FLAC
- ALAC

- ① Observe the following notes:
 - Due to the large variety of available music files regarding encoders, sampling rates and data rates, playback cannot always be guaranteed.
 - Due to the wide range of USB devices available on the market, playback cannot be guaranteed for all USB devices.
 - Copy-protected music files or DRM encrypted files cannot be played back.
 - MP3 players must support Media Transfer Protocol (MTP).



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"Made for iPod", and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod®, or iPhone®, respectively, and has been certified by the developer to meet Apple performance standards. Apple® is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, or iPhone may affect wireless performance.

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For Canada: iPhone®, iPod®, iPod classic®, iPod nano®, and iPod touch® are trademarks of Apple Inc., registered in the U.S. and other countries. Lightning® is a trademark of Apple Inc.

Notes on copyright

Audio files that you create or reproduce yourself for playback are generally subject to copyright protection. In many countries, reproductions, even for private use, are not permitted without the prior consent of the copyright holder. Make

sure that you know about the applicable copyright regulations and that you comply with these.

Activating media mode

Multimedia system:

➔ [Media](#) ➔  [Media Sources](#)

- ▶ Select a media source.
Playable music files are played back.

Inserting/removing an SD card

⚠ DANGER Risk of fatal injury from swallowing SD cards

SD cards are small parts.

They could be swallowed and lead to choking.

- ▶ Keep SD cards out of the reach of children.
- ▶ Seek medical attention immediately if an SD card has been swallowed.

! **NOTE** Damage due to high temperatures

High temperatures may damage the SD card.

- ▶ Remove the SD card after use and take it out of the vehicle.

Multimedia system:

- ↳ Media ▶  Media Sources
- ▶ Mem. Card

Inserting

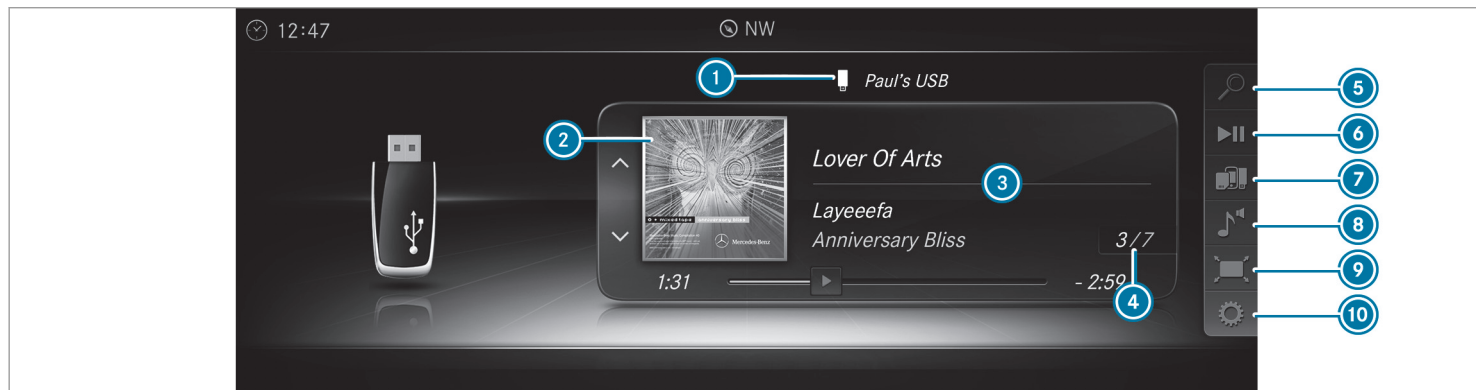
The multimedia connection unit is located in the stowage compartment under the armrest.

- ▶ Insert the SD memory card into the SD card slot until it engages. The side with the contacts must face downwards.
Playable music files are played back.

Removing

- ▶ Press the SD card.
- ▶ Remove the SD card.

Overview of the audio mode



- ① Active data storage medium
- ② Album cover
- ③ Track, artist, album
- ④ Track number and number of tracks in the track list
- ⑤ Search
- ⑥ Playback Control

- ⑦ Media Sources
- ⑧ Sound
- ⑨ Full Screen (for video playback)
- ⑩ Options

Connecting USB devices

! **NOTE** Damage caused by high temperatures


High temperatures can damage USB devices.

▶ Remove the USB device after use and take it out of the vehicle.

The multimedia connection unit is found in the storage compartment under the armrest and has two USB ports.

Depending on the vehicle's equipment, additional USB ports can be found in the storage compartment of the center console.

- ▶ Connect the USB device to the USB port. Playable music files are played back only if the corresponding media display is activated.

ⓘ Use the USB port identified by  to use Apple CarPlay® and Android Auto.

Selecting a track in the media playback


Multimedia system:

↳ Media

Selecting a track by skipping to a track

- ▶ **To skip backwards or forwards to a track:** navigate up or down.

Selecting a track using the current track list

- ▶ Select .
- ▶ Select **Current Track List**.
- ▶ Select a track.

Selecting playback options

Multimedia system:

↳ Media ▶  Options

Playing back similar tracks

- ▶ Select **Play Similar Tracks**.
A track list with similar tracks is created and played back.

Playback mode

- ▶ Select **Random Mode - Current Playlist**.
The current track list is played in random order.
- ▶ Select **Random Mode - Current Medium**.
All tracks on the active data storage medium are played in random order.
- ▶ Select **Normal Track Sequence**.
The current track list is played in the order it appears on the data storage medium.

Controlling media playback

Multimedia system:



↳ Media ▶  Playback Control

A bar with playback controls is shown.

- ▶ **To pause playback:** select and confirm

 with the central control element.

The  symbol is displayed.

- ▶ **To resume playback:** select and confirm  again with the central control element. The  symbol is displayed.

To hide the playback controls

- ▶ Press the  button.

Video mode

Switching to video mode

Multimedia system:

↳ Media ▶  Media Sources

- ▶ Select a data storage medium.
- ▶ Search for and select video files or playlists with video files.
Playable video files are played back.

The multimedia system supports the following formats:

- MPEG
- AVI, DivX, MKV

240 Multimedia system

- MP4, M4V
- WMV

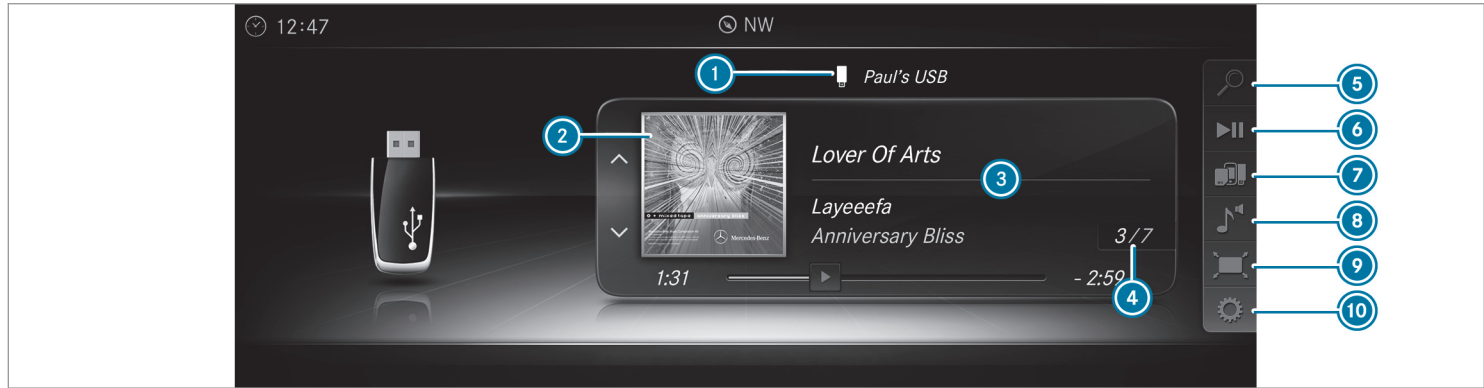
i If the vehicle is traveling faster than 3 mph (5 km/h) the video image is hidden from the driver. If available, the channel and program information is continuously displayed.

Due to the large variety of available video files regarding encoders, sampling rates and data transfer rates, playback cannot be guaranteed.

Videos up to FullHD (1920x1080) are supported.

Copy-protected video files or DRM (Digital Rights Management) encrypted files cannot be played back.

Overview of video mode




- ① Active data storage medium
- ② Album cover
- ③ Track, artist, album
- ④ Track number and number of tracks in the track list
- ⑤ Search
- ⑥ Playback Control
- ⑦ Media Sources
- ⑧ Sound
- ⑨ Full Screen (for video playback)
- ⑩ Options

Activating/deactivating full-screen mode

Multimedia system:

➤ **Media** ➤ **Media Sources**

- ▶ Select a data storage medium.
Playable video files are played back.

- ▶ **To activate full-screen mode:** select  **Full Screen**.

- ▶ **To deactivate full-screen mode:** press the touchpad.

Changing video settings

Multimedia system:

- ↳ Media ▶ ⚙️ Options
- ▶▶ Picture Format

The following picture formats are available:

- Automatic
- 16:9
- 4:3
- Zoom

- ▶ Select a picture format.

Adjusting the brightness manually

If the **Automatic** picture format is switched off, you can adjust the brightness yourself.

- ▶ Select **Brightness**.
- ▶ Adjust the brightness.

Media search

Starting the media search

Multimedia system:

- ↳ Media ▶ 🔍 Search

Depending on the connected media sources and files, the following categories are listed:

- Current Track List
- Keyword Search
- Playlists
- Artists
- Albums
- Tracks
- Folders
- Music Genres
- Year
- Composers
- Videos
- Podcasts (Apple® devices)
- Audiobooks (Apple® devices)

- ▶ Select a category.

- ⓘ The categories are available as soon as the entire media content has been read in and analyzed.

Media Interface

Information about the Media Interface

Media Interface is a universal interface for the connection of mobile audio equipment. The multimedia system has two USB ports. The USB ports are located in the stowage compartment under the armrest.

Supported devices

The Media Interface allows you to connect the following data storage media:

- iPod®
- iPhone®
- MP3 player
- USB devices

For details and a list of supported devices, visit our website at <https://www.mercedes-benz.com/connect>. Follow the instructions in the "Media Interface" section.

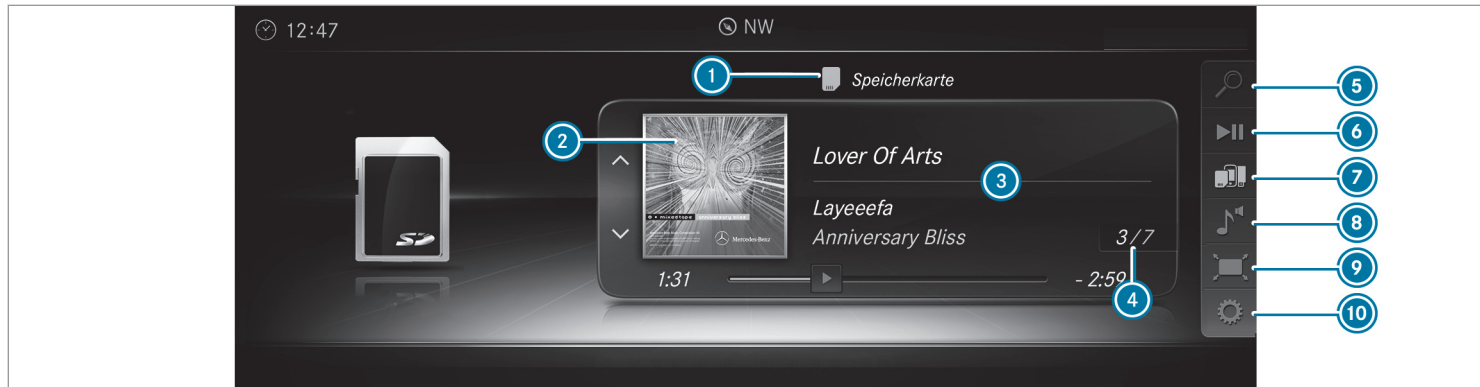
Switching to Media Interface

Multimedia system:

Media ► Media Sources

- ▶ Connect a data storage medium to the USB port (→ page 238).
- ▶ Select a media device.
Playable music files are played back.

Overview of Media Interface



244 Multimedia system

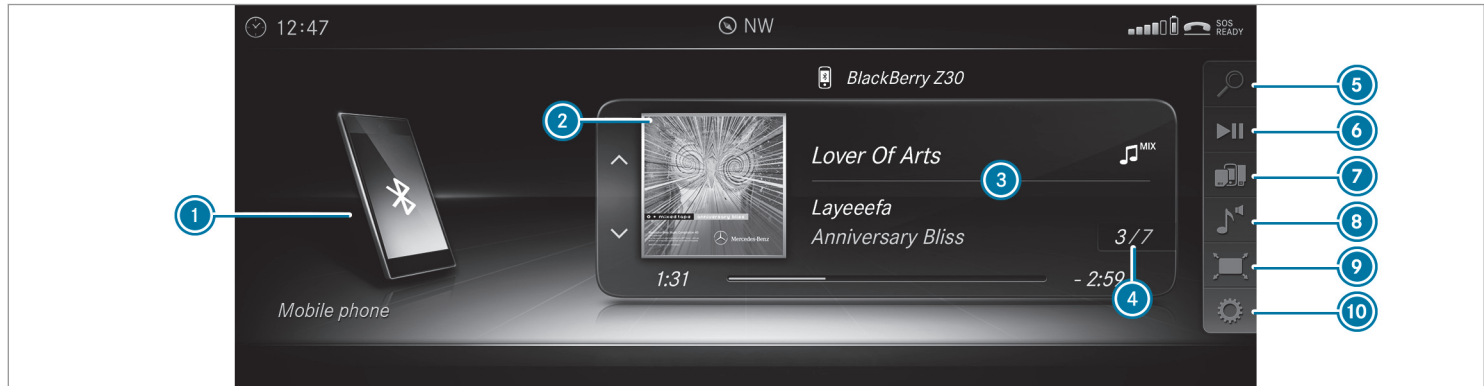
- ① Active data storage medium
- ② Album cover
- ③ Artist, track and album
- ④ Track number and number of tracks in the track list
- ⑤ Search
- ⑥ Playback Control
- ⑦ Media Sources
- ⑧ Sound
- ⑨ Full Screen (video playback only)
- ⑩ Options

Bluetooth® audio

Information about Bluetooth® audio

Before using your Bluetooth® audio equipment with the multimedia system for the first time, you will need to authorize it (→ page 245).

Bluetooth® audio overview



- ① Active data storage medium
- ② Album cover
- ③ Track, artist, album
- ④ Track number and number of tracks in the track list
- ⑤ Search
- ⑥ Playback Control

- ⑦ Media Sources
- ⑧ Sound
- ⑨ Full Screen (video playback only)
- ⑩ Options


Searching for and authorizing a Bluetooth® audio device
Requirements:

- Bluetooth® is activated on the multimedia system and audio equipment (→ page 170).
- The audio equipment supports the Bluetooth® audio profiles A2DP and AVRCP.
- The audio equipment is "visible" for other devices.

Multimedia system:

- Media ▶ Media Sources
- ▶ Bluetooth Audio

Authorizing a new Bluetooth® audio device

- ▶ Select .
- ▶ Select **Add New Bluetooth Audio Device**.
- ▶ Select **Start Search on System**.
Detected audio equipment is displayed in the device list.
- ▶ Select a Bluetooth® audio device.
Authorization starts. A code is displayed on the multimedia system and on the mobile phone.
- ▶ If the codes are identical, confirm on the audio equipment.
The audio equipment is connected and playback starts.

Selecting previously authorized Bluetooth® audio equipment


- ▶ Select .
- ▶ Select a Bluetooth® audio device.

Establishing a connection from the Bluetooth® audio equipment

The Bluetooth® device name of the multimedia system is **MB BLUETOOTH XXXXX**.

- ▶ Select **Search from Device**.
- ▶ Start the authorization on the audio equipment (see manufacturer's operating instructions).
A code is displayed on the multimedia system and on the audio device.
- ▶ Confirm on both devices if the codes are identical.
The audio equipment is connected and playback starts.


With some audio equipment, playback must be initially started on the device itself so that the multimedia system can play the audio files.

- ▶  Device-specific information on authorizing and connecting Bluetooth®-capable mobile phones can be obtained at <https://www.mercedes-benz-mobile.com/> or at an authorized Mercedes-Benz Center.

Activating Bluetooth® audio

Multimedia system:

- Media ▶  Media Sources


- ▶ Select  **Bluetooth Audio**.
The multimedia system activates the connected Bluetooth® audio equipment.

Selecting the media player on the Bluetooth® audio device

Multimedia system:

- Media ▶ 

- ▶ Select the **Bluetooth Audio Players** category.
If multiple media players are present on the Bluetooth® audio equipment a list appears.
- ▶ Select a media player.
Playback starts.


- ▶  The function is not supported by every mobile phone.


Searching for a music track on the Bluetooth® audio device

Multimedia system:

↳ Media ▶  Media Sources

▶  Bluetooth Audio


- ▶ Select .
- ▶ Select a category.
A track list appears.
- ▶ Select a track.

 The function is only available when the mobile phone and the media player selected on the mobile phone support this function.

Disconnecting Bluetooth® audio equipment

Multimedia system:

↳ Phone ▶  Media Sources

- ▶ Select the  symbol in the line of the mobile phone.
The disconnection of the mobile phone takes place without a confirmation prompt. The mobile phone remains authorized in the system.

Radio

Switching on the radio

Multimedia system:

↳ Radio

- ▶ Open the application in the multimedia system.
The radio display appears. You will hear the last station played on the last frequency band selected.

Radio overview



- ① Active frequency band
- ② Station name or set frequency
- ③ Artist, title, album and radio text
- ④ Station list
- ⑤ Presets
- ⑥ Radio Source
- ⑦ Sound

- ⑧ Options

Switching the HD Radio function on/off

Multimedia system:

↳ Radio ▶▶  Options ▶▶ HD Radio



- ▶ Switch the function on or off .

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Setting the waveband

Multimedia system:

↳ Radio ▶▶  Radio Source

HD Radio FM HD Radio AM and SiriusXM Radio can be selected.

- ▶ Select a frequency band.

Selecting a radio station

Multimedia system:

↳ Radio

- ▶ Navigate up or down.

Calling up the radio station list

Multimedia system:

↳ Radio ▶▶ 

- ▶ Select a station.

Searching for radio stations using station names or direct frequency entry

Multimedia system:

↳ Radio ▶▶ 

- ▶ Enter a station name or frequency.
- ▶ Select . The search results are displayed.
- ▶ Select a station.

Storing radio stations

Multimedia system:

↳ Radio ▶▶  Presets

- ▶ Select Store Current Station in the Presets.

Managing radio station presets

Multimedia system:

↳ Radio ▶▶  Presets

Moving stations:

- ▶ Highlight a preset entry and navigate to the left.


- ▶ Select **Move Highlighted Station**.
- ▶ Select a memory preset.

Deleting stations:

- ▶ Highlight a preset entry and navigate to the left.
- ▶ Select **Delete Highlighted Station**.
- ▶ Select **Yes**.

Activating/deactivating radio text

Multimedia system:


- ▶ **Radio** ▶  **Options**
- ▶ **Display Radio Text Information**
- ▶ Activate or deactivate the function.

Satellite radio

Information on the satellite radio

SIRIUS XM® satellite radio offers more than 175 digital-quality radio channels providing 100% commercial-free music, sports, news and entertainment, for example. SIRIUS XM satellite radio employs a fleet of high-performance satellites to

broadcast around the clock throughout the USA and Canada. The satellite radio program is available for a monthly fee. Information about this can be obtained from a Sirius XM® Service Center and at <https://www.siriusxm.com> (USA) or <https://www.siriusxm.ca> (Canada).

- ▶  Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. and its subsidiaries. All other marks, channel names and logos are the property of their respective owners. All rights reserved.

Satellite radio restrictions

Satellite radio mode may be temporarily unavailable or interrupted for a variety of reasons. These include environmental or topographical conditions beyond the control of Mercedes-Benz USA, LLC. Thus, operation at certain locations may not be possible.


Registering satellite radio Requirements:

- Satellite radio equipment
- Registration with a satellite radio provider

- If registration is not included when purchasing the system, your credit card details will be required to activate your account.

Multimedia system:

- ▶ **Radio** ▶  **Radio Source**
- ▶ **SiriusXM Radio** ▶  **Options**

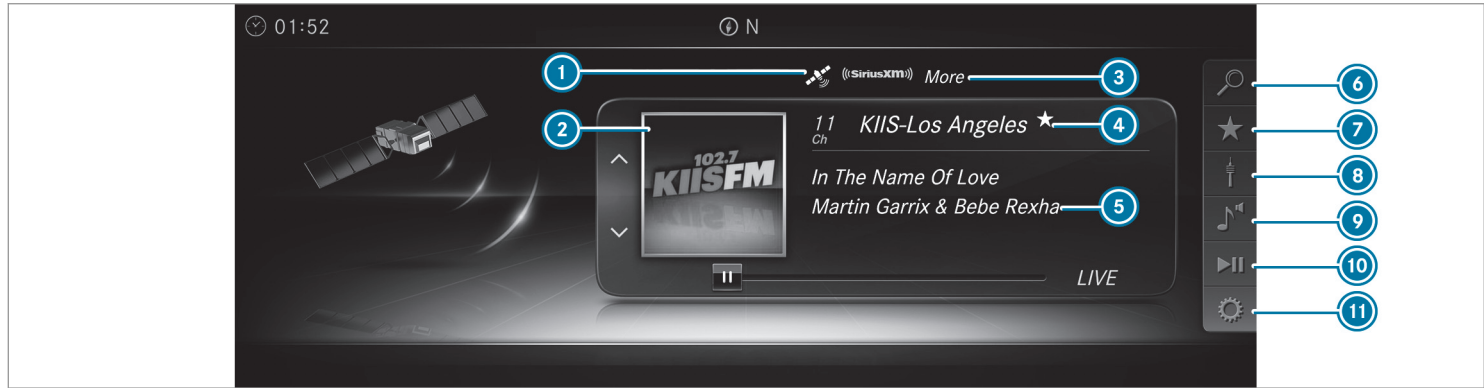
- ▶ Select **Service Information**.
The service information screen appears showing the radio ID and the current subscription status.
- ▶ Establish a telephone connection.
- ▶ Follow the service staff's instructions.
The activation process may take up to ten minutes.
- ▶  You can also have the satellite service activated online. To do so, please visit <https://www.siriusxm.com> (USA) or <https://www.siriusxm.ca> (Canada).

Switching on satellite radio

Multimedia system:

- ▶ **Radio** ▶  **Radio Source**
- ▶ Select **SiriusXM Radio**.

Overview of the satellite radio



- ① Active frequency band
- ② Logo or cover picture for the song (if available)
- ③ Category
- ④ Channel name
- ⑤ Artist, track and album
- ⑥ SiriusXM Radio Channels

- ⑦ Presets
- ⑧ Radio Source
- ⑨ Sound
- ⑩ Playback Control
- ⑪ Options

Selecting a satellite radio category

Multimedia system:

- Radio ➤ Radio Source
- SiriusXM Radio
- SiriusXM Radio Channels ➤ Category
- Select a category.

Selecting a satellite radio channel

Multimedia system:

↳ Radio ▶  Radio Source
 ▶▶ SiriusXM Radio

- ▶ Navigate up or down.

Saving or deleting a satellite radio channel

Multimedia system:

↳ Radio ▶  Radio Source
 ▶▶ SiriusXM Radio ▶▶  Presets

- ▶ Select Store Current Station in the Presets.

Moving a channel

- ▶ Select Options.
- ▶ Select Move Highlighted Station.
- ▶ Select a memory preset.

Deleting a channel

- ▶ Select Options.
- ▶ Select Delete Highlighted Station.
- ▶ Select a memory preset.

Displaying EPG information for the current channel

Multimedia system:

↳ Radio ▶  Radio Source
 ▶▶ SiriusXM Radio ▶▶  Options

- ▶ Select EPG Information about Current Channel.

Setting parental control for radio

Multimedia system:

↳ Radio ▶  Radio Source
 ▶▶ SiriusXM Radio ▶▶  Options
 ▶▶ Parental Control

- ▶ Activate the function .
- ▶ Determine a four-digit character sequence and select **ok**.
- ▶ All channels with adult content are locked.

Unlocking a channel



- ▶ Enter the four-digit character sequence and select **ok**.
- ▶ All channels with adult content are unlocked.

Music and sport alerts function

This function enables you to program an alert for your favorite artists, tracks or sporting events. Music alerts can be saved whilst a track is being played and sport alerts can be saved during a live game. You can also specify sport alerts via the menu option. The system then continuously searches through all the channels. If a match is found with a stored alert, you will be informed.

Setting music and sport alerts

Multimedia system:

↳ Radio ▶  Radio Source
 ▶▶ SiriusXM Radio ▶▶  Options
 ▶▶ Alert for Artist, Song & Sporting Event

Setting a music alert

- ▶ Select Add New Alert.

or

- ▶ Select Manage Artist & Song Alerts.
- ▶ Select  Options.

The following options are available:

- Mark This Entry
- Unmark This Entry

- [Mark All Entries](#)
- [Unmark All Entries](#)
- [Delete This Entry](#)
- [Delete All Entries](#)

▶ Select an option.

▶ [Activate Artist & Song Alerts](#) .

The alert is set for the current artist or track. If a match is found, a prompt appears asking whether you wish to change to the station.

Setting a sport alert

▶ Select [Add New Alert](#).

or

▶ Select [Manage Sports Alerts](#).

▶ Select [Select New Alerts](#).

or

▶ Select [Edit Alerts](#).

▶ Select a team from a league.

▶ [Activate Sports Alerts](#) .

Information on Smart Favorites and Tune Start

Stations in the station presets can be added as Smart Favorites. Smart Favorites stations are automatically saved to temporary storage in the background. If you change to a Smart Favorites station, you can replay, pause or actively skip forward or back to broadcasts which you have missed. If Tune Start is activated and you change to another Smart Favorites station, the music track currently playing on the station is automatically restarted from the beginning of the track.

Adding a channel to Smart Favorites

Multimedia system:

↳ [Radio](#) ▶ [Radio Source](#)
▶ [SiriusXM Radio](#)

▶ Select the active frequency band.

▶ Highlight an entry.

▶ Select .

▶ Select [Add Highlighted Channel to Smart Favorites](#).

Activating/deactivating TuneStart

Multimedia system:

↳ [Radio](#) ▶ [Options](#) ▶ [TuneStart](#)


▶ Activate or deactivate the function.

Controlling playback

Multimedia system:

↳ [Radio](#) ▶ [Playback Control](#)

You can pause the playback of the current station or skip forward or backward in the timeline. This leaves live mode to access the internal temporary storage.

▶ **To pause playback:** select .

▶ **To return to live mode:** navigate to the end of the timeline.

Displaying satellite radio service information

Multimedia system:

↳ [Radio](#) ▶ [Radio Source](#)

▶ [SiriusXM Radio](#) ▶ [Options](#)

▶ Select [Service Information](#).

Sound

Tone settings

Information about the sound system

The sound system has a total output of 100 W and is equipped with four speakers. It is available for all functions in the radio and media modes.

Calling up the sound menu

Multimedia system:

Media ▶ Sound

The following functions are available:

- Equalizer
- Balance
- Automatic Volume Adjustment
- Other Sound Settings

▶ Select a sound menu.

Adjusting treble, mid-range and bass settings

Multimedia system:

Media ▶ Sound ▶ Equalizer

- ▶ Select **Treble**, **Mid Range** or **Bass**.
- ▶ Change the settings.

Activating/deactivating automatic volume adjustment

Multimedia system:

Media ▶ Sound

▶ Automatic Volume Adjustment


Automatic volume adjustment compensates for differing volumes when changing between audio sources.

- ▶ Activate or deactivate the function.

Adjusting the balance

Multimedia system:

Media ▶ Sound ▶ Balance

- ▶ Adjust the balance.
- ▶ **To exit the menu:** press the  button.

Burmester® surround sound system

Information about the Burmester® surround sound system

The Burmester® surround sound system has a total output of 640 W and is equipped with ten speakers. It is available for all functions in the radio and media modes.

Calling up the sound menu in the Burmester® surround sound system

Multimedia system:

Media ▶ Sound

The following functions are available:

- Equalizer
 - Balance
 - Automatic Volume Adjustment
 - Surround Sound
 - Other Sound Settings
- ▶ Select a function.

Adjusting the treble, mid and bass settings on the Burmester® surround sound system

Multimedia system:

↳ Media ▶▶  Sound ▶▶ Equalizer

- ▶ Select **Treble**, **Mid Range** or **Bass**.
- ▶ Set the desired values.

ⓘ Recommended setting for treble, mid-range and bass: Setting 0.

Activating or deactivating volume adjustment in the Burmester® surround sound system

Multimedia system:

↳ Media ▶▶  Sound

▶▶ Automatic Volume Adjustment

Automatic volume adjustment compensates for differing volumes when changing between audio sources.


- ▶ Activate or deactivate the function.

Adjusting the balance in the Burmester® surround sound system

Multimedia system:

↳ Media ▶▶  Sound ▶▶ Balance

- ▶ Adjust the balance.

▶ **To exit the menu:** press the  button.

ⓘ Recommended setting for balance: Setting 0.

Switching surround sound on or off in the Burmester® surround sound system

Multimedia system:

↳ Media ▶▶  Sound

▶▶ Surround Sound

- ▶ Activate or deactivate the function.

Burmester® high-end Surround sound system

Information on the Burmester® high-end Surround sound system

The Burmester® high-end Surround sound system has a total output of 1000 W and is equip-

ped with 11 speakers. It is available for all functions in the radio and media modes.

Calling up the sound menu in the Burmester® high-end Surround sound system

Multimedia system:

↳ Media ▶▶  Sound

The following functions are available:

- Equalizer
- Balance
- Automatic Volume Adjustment
- VIP Seat (seat-based sound optimization)
- Sound Profiles
- Other Sound Settings
- ▶ Select a sound menu.

Adjusting the treble, mid-range and bass settings on the Burmester® high-end Surround sound system

Multimedia system:

↳ Media ▶  Sound ▶ Equalizer

▶ Select **Treble**, **Mid Range** or **Bass**.

▶ Set the desired values.

ⓘ Recommended setting for treble, mid-range and bass: Setting 0.

Activating/deactivating volume adjustment in the Burmester® high-end Surround sound system

Multimedia system:

↳ Media ▶  Sound
▶ Automatic Volume Adjustment

Automatic volume adjustment compensates for differing volumes when changing between audio sources.


▶ Activate or deactivate the function.

Adjusting the balance in the Burmester® high-end Surround sound system

Multimedia system:

↳ Media ▶  Sound ▶ Balance

▶ Adjust the balance.

▶ **To exit the menu:** press the  button.

ⓘ Recommended setting for balance: Setting 0.

Adjusting the seat-based sound optimization in the Burmester® high-end Surround sound system

Multimedia system:

↳ Media ▶  Sound ▶ VIP Seat

This setting optimizes the sound playback for the selected seat position.

▶ Activate the function .

▶ Select a seat position.

Selecting the sound profile in the Burmester® high-end Surround sound system

Multimedia system:

↳ Media ▶  Sound ▶ Sound Profiles

The following profiles are available:

- [Pure](#)
- [Easy Listening](#)
- [Live](#)
- [Surround](#)

▶ Select a sound profile.

ASSYST PLUS service interval display

Function of the ASSYST PLUS service interval display

The ASSYST PLUS service interval display on the Instrument Display provides information on the remaining time or distance before the next service due date.

You can hide this service display using the back button on the left-hand side of the steering wheel.

Depending on how the vehicle is used, the ASSYST PLUS service interval display may shorten the service interval, e.g. in the following cases:

- Mainly short-distance driving
- When the engine is often left idling for long periods
- In the event of frequent cold start phases

Mercedes-Benz recommends avoiding such operating conditions.

You can obtain information concerning the servicing of your vehicle from a qualified specialist

workshop, e.g. an authorized Mercedes-Benz Center.

Displaying the service due date

On-board computer:

↳ Service ► ASSYST PLUS

The next service due date is displayed.

► **To exit the display:** press the back button on the left-hand side of the steering wheel.

Bear in mind the following related topic:

- Operating the on-board computer (→ page 144).

Information on regular maintenance work

! **NOTE** Premature wear through failure to observe service due dates

Service work which is not carried out at the right time or incompletely can lead to increased wear and damage to the vehicle.

- Always observe the prescribed service intervals.
- Always have the prescribed service work carried out at a qualified specialist workshop.

Special service requirements

The prescribed service interval is based on normal operation of the vehicle. Maintenance work will need to be performed more often if the vehicle is operated under arduous conditions or increased loads.

The ASSYST PLUS service interval display is only an aid. The driver of the vehicle bears responsibility as regards to whether maintenance work needs to be performed more often than specified based on the actual operating conditions and/or loads.

Examples of arduous operating conditions:

- regular city driving with frequent intermediate stops
- mainly short-distance driving

- frequent operation in mountainous terrain or on poor road surfaces
- when the engine is often left idling for long periods
- operation in particularly dusty conditions and/or if air-recirculation mode is frequently used

In these or similar operating conditions, have the interior air filter, engine air cleaner, engine oil and oil filter etc. changed more frequently. The tires must be checked more frequently if the vehicle is operated under increased loads. Further information can be obtained at a qualified specialist workshop.

Battery disconnection periods

The ASSYST PLUS service interval display can only calculate the service due date when the battery is connected.

- ▶ Note down the service due date displayed on the instrument display before disconnecting the battery (→ page 257).

Engine compartment

Opening and closing the hood

⚠ WARNING Risk of accident due to driving with the hood unlocked

The hood may open and block your view.

- ▶ Never release the hood when driving.
- ▶ Before every trip, ensure that the hood is locked.

⚠ WARNING Risk of accident and injury when opening and closing the hood

The hood may suddenly drop into the end position.

There is a risk of injury for anyone in the hood's range of movement.

- ▶ Open or close the hood only when there is nobody in the hood's range of movement.

⚠ WARNING Danger of burns when opening the hood

If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.

- ▶ Before opening the hood, allow the engine to cool down.
- ▶ In the event of a fire in the engine compartment, keep the hood closed and call the fire service.

⚠ WARNING Risk of injury due to moving parts

Components in the engine compartment may continue running or start up suddenly, even if the ignition is switched off.

Make sure of the following before performing tasks in the engine compartment:

- ▶ Switch the ignition off.

- ▶ Never reach into the danger zone surrounding moving components, e.g. the rotation area of the fan.
- ▶ Remove jewellery and watches.
- ▶ Keep items of clothing and hair away from moving parts.

⚠ WARNING Risk of injury from touching components under voltage

The ignition system and the fuel injection system work under high voltage. You could receive an electric shock.

- ▶ Never touch components of the ignition system or the fuel injection system when the ignition is switched on.

⚠ WARNING Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

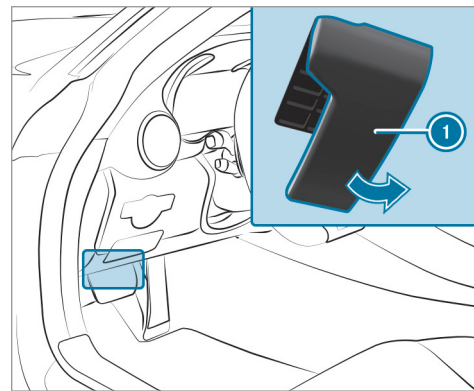
- ▶ Allow the engine to cool down and only touch component parts described in the following.

⚠ WARNING Risk of injury from using the windshield wipers while the engine hood is open

When the engine hood is open and the windshield wipers are set in motion, you can be trapped by the wiper linkage.

- ▶ Always switch off the windshield wipers and ignition before opening the engine hood.

Opening the hood



- ▶ Pull on handle ① twice.
The hood will be released and open slightly.

Closing the hood

- ▶ Lower the hood to a height of around 8 in (20 cm) and then allow it to fall, applying a little force as you let it go.

- ▶ If the hood can still be lifted slightly, open the hood again and close it with a little more force until it engages correctly.

Engine oil

Checking the engine oil level using the oil dipstick

⚠ WARNING Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

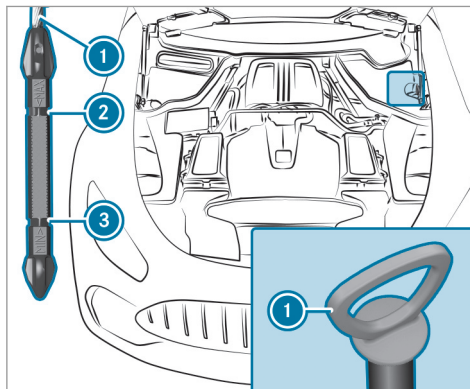
- ▶ Allow the engine to cool down and only touch component parts described in the following.

Requirements:

- The engine has been warmed up.
- The coolant temperature is 176°F (80°C).
- The vehicle is parked on a level surface.

- The engine has run at 2000 to 2400 rpm (2400 1/min) for 30 seconds in the drive program **[C]**.

Check the engine oil level within two minutes of switching off the engine.



- ▶ Switch off the engine.
- ▶ Pull oil dipstick **1** out and wipe off.

- ▶ Slowly slide oil dipstick **1** into the guide tube to the stop, and pull it out again after approximately three seconds.

The following measurement results are possible:

- Oil level is correct: oil level is between **2** and **3**.
- Oil level too low: oil level is at **3** or below.
- Oil level too high: oil level is above **2**.

- ▶ If the oil level is too low, add 1.1 US qt (1 liter) of engine oil.
- ▶ If the oil level is too high, drain off excess engine oil. Consult a qualified specialist workshop.

Refilling engine oil

⚠ WARNING Risk of burns from hot component parts in the engine compartment

Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- ▶ Allow the engine to cool down and only touch component parts described in the following.

⚠ WARNING Risk of fire and injury from engine oil

If engine oil comes into contact with hot component parts in the engine compartment, it may ignite.

- ▶ Make sure that no engine oil is spilled next to the filler opening.
- ▶ Allow the engine to cool off and thoroughly clean the engine oil from component parts before starting the vehicle.

! NOTE Engine damage caused by an incorrect oil filter, incorrect oil or additives

- ▶ Do not use engine oils or oil filters which do not correspond to the specifications explicitly prescribed for the service intervals.

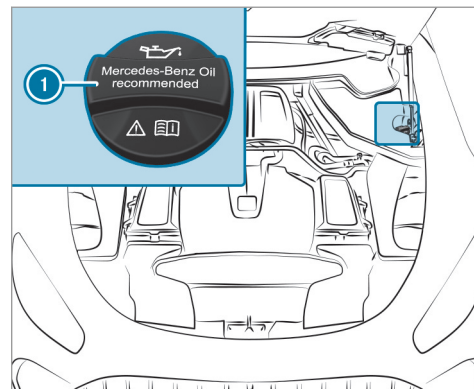
- ▶ Follow the instructions on the service interval display for changing the engine oil and observe the prescribed change intervals.
- ▶ Do not use additives.

! NOTE Damage caused by refilling too much engine oil

Too much engine oil can damage the engine or the catalytic converter.

- ▶ Have excess engine oil removed at a qualified specialist workshop.

- i** Depending on driving style, the vehicle consumes up to 0.9 US qt (0.8 l) of oil per 600 miles (1000 km). The oil consumption may be higher than this when the vehicle is new or if you frequently drive at high engine speeds.



- ▶ Turn cap ① counter-clockwise and remove it.
- ▶ Add engine oil.
- ▶ Replace cap ① and turn it clockwise until it engages.
- ▶ Check the oil level again (→ page 260).

Checking the coolant level

⚠ WARNING Risk of burns from hot component parts in the engine compartment

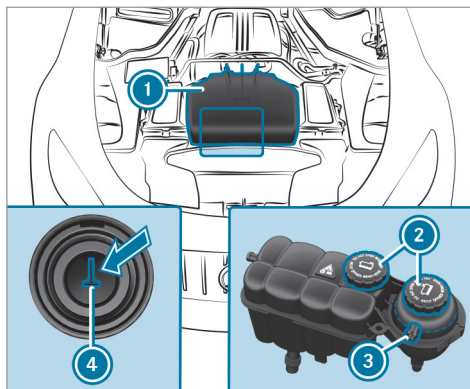
Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- ▶ Allow the engine to cool down and only touch component parts described in the following.

⚠ WARNING Risk of scalding from hot coolant

If you open the cap, you could be scalded.

- ▶ Let the motor cool down before opening the cap.
- ▶ When opening the cap, wear protective gloves and safety glasses.
- ▶ Open the cap slowly to release pressure.



- ▶ Park the vehicle on a level surface.
- ▶ Check the coolant temperature display in the instrument cluster. The coolant temperature must be in the bottom quarter of the temperature display.
- ▶ Remove engine cover ①.
- ▶ Slowly turn caps ② counter-clockwise to release overpressure.

- ▶ Turn caps ② counter-clockwise again and remove them.

The coolant level is correct in the following cases:

- If the engine is cold, the coolant is up to marker bar ④.
 - If the engine is warm, the coolant is up to 0.6 in (1.5 cm) over the marker bar ④.
 - Coolant expansion reservoir without marker bar: if the coolant reaches to the bleed line ③.
- ▶ If necessary, add coolant that has been approved for Mercedes-Benz.

i Further information on coolant (→ page 323)

Refilling the windshield washer system

⚠ WARNING Risk of burns from hot component parts in the engine compartment

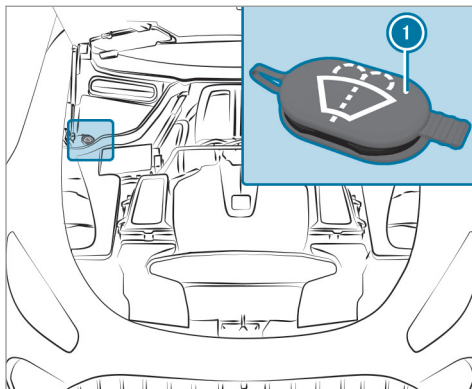
Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- ▶ Allow the engine to cool down and only touch component parts described in the following.

⚠ WARNING - Risk of fire and injury from windshield washer concentrate

Windshield washer concentrate is highly flammable. It could ignite if it comes into contact with hot engine component parts or the exhaust system.

- ▶ Make sure that no windshield washer concentrate spills out next to the filler opening.



- ▶ Remove cap ① by the tab.
- ▶ Add washer fluid.

Keeping the air-water duct free

- ▶ Keep the area between the hood and the windshield free of deposits, e.g. ice, snow and leaves.

Cleaning and care

Notes on washing the vehicle in a car wash

! **NOTE** Damage to the detachable parts when using an automatic car wash

- ▶ Do not use a car wash to wash the vehicle.
- ▶ Wash the vehicle by hand only.

Observe the notes on washing the vehicle by hand (→ page 264).

Notes on using a power washer

⚠ WARNING Risk of an accident when using power washers with round-spray nozzles

The water jet can cause externally invisible damage.

Components damaged in this way may unexpectedly fail.

- ▶ Do not use a power washer with round-spray nozzles.
- ▶ Have damaged tires or chassis parts replaced immediately.

To avoid damage to your vehicle, observe the following when using a power washer:

- Keep the SmartKey at least 10 ft (3 m) away from the vehicle. Otherwise, the tailgate could open unintentionally.
- Maintain a distance of at least 11.8 in (30 cm) to the vehicle.
- **Vehicles with decorative foil:** parts of your vehicle are covered with a decorative foil. Maintain a distance of at least 27.6 in (70 cm) between the foil-covered parts of the vehicle and the nozzle of the power washer. Move the power washer nozzle around whilst cleaning. The water temperature of the power washer must not exceed 140°F (60°C).
- Observe the information on the correct distance in the equipment manufacturer's operating instructions.

- Do not direct the nozzle of the power washer directly at sensitive parts, e.g. tires, gaps, electrical components, batteries, light sources and ventilation slits.

Washing the vehicle by hand

! **NOTE** Engine damage due to water ingress

- ▶ Take care not to point the water jet directly towards the air inlet grille below the hood.

Observe the legal requirements, e.g. in a number of countries, washing by hand is only permitted in specially designated wash bays.

- ▶ Use a mild cleaning agent, e.g. car shampoo.
- ▶ Wash the vehicle with lukewarm water using a soft car sponge. When doing so, do not expose the vehicle to direct sunlight.
- ▶ Carefully hose the vehicle off with water and dry using a chamois.

- ⓘ Observe the notes on the care of vehicle parts (→ page 266).

Notes on paintwork/matte finish paintwork care

Observe the notes on cleaning and care to avoid damaging the paintwork.

Paint

- Insect remains: soak with insect remover and rinse off the treated areas afterwards.
- Bird droppings: soak with water and rinse off afterwards.
- Tree resin, oils, fuels and greases: remove by rubbing gently with a cloth soaked in petroleum ether or lighter fluid.
- Coolant and brake fluid: remove with a damp cloth and clean water.
- Tar stains: use tar remover.
- Wax: use silicone remover.
- Do not attach stickers, films or similar materials.
- Remove dirt immediately, where possible.

Matte finish

- Only use care products approved for Mercedes-Benz.
- Do not polish the vehicle and alloy wheels.
- Do not use paint cleaners, buffing or polishing products, gloss preservers, e.g. wax.
- Always have paintwork repairs carried out at a qualified specialist workshop.

Notes on cleaning decorative foils

Observe the notes on matte finish care in the chapter "Notes on paintwork/matte finish paintwork care" (→ page 264). They also apply to matte decorative foils.

Observe the notes on cleaning decorative foils to avoid vehicle damage.

Cleaning

- For cleaning, use plenty of water and a mild cleaning agent without additives or abrasive substances, e.g. a car shampoo approved for Mercedes-Benz.
- Remove dirt immediately, where possible, whilst avoiding rubbing too hard. There is otherwise a risk of damaging the decorative foil irreparably.
- If there is dirt on the finish or if the decorative foil is dull: use the Paint Cleaner recommended and approved for Mercedes-Benz.
- Insect remains: soak with insect remover and rinse off the treated areas afterwards.
- Bird droppings: soak with water and rinse off afterwards.
- To prevent water stains, dry a foil-wrapped vehicle with a soft, absorbent cloth after every car wash.

Avoiding damage to the decorative foil

- The service life and color of decorative foils are impaired by:
 - Sunlight
 - Temperature, e.g. hot air blower
 - Weather conditions
 - Stone chippings and dirt
 - Chemical cleaning agents
 - Oily products

- Do not use polish on matte decorative foil. Polishing will have the effect of shining the foil-wrapped surface.
- Do not treat matte or structured decorative foils with wax. Permanent stains may occur.

Scratches, corrosive deposits, areas affected by corrosion and damage caused by incorrect care cannot always be completely repaired. In such cases, visit a qualified specialist workshop.

You can obtain more information on care and cleaning products from the manufacturer.

In the case of foil-wrapped surfaces, optical differences may occur between the surfaces that were not protected by a decorative foil after removing a decorative foil.

- ① Have work or repairs to decorative foils carried out at a qualified specialist workshop, e.g. at an authorized Mercedes-Benz Center.

Notes on care of car parts

⚠ WARNING Risk of entrapment if the windshield wipers are switched on while the windshield is being cleaned

If the windshield wipers are set in motion while you are cleaning the windshield or wiper blades, you can be trapped by the wiper arm.

- ▶ Always switch off the windshield wipers and the ignition before cleaning the windshield or wiper blades.

⚠ WARNING Risk of burns from the tailpipe and tailpipe trims

The exhaust tailpipe and tailpipe trims can become very hot. If you come into contact with these parts of the vehicle, you could burn yourself.

- ▶ Always be particularly careful around the tailpipe and the tailpipe trims and supervise children especially closely in this area.

- ▶ Allow vehicle parts to cool down before touching them.

To avoid damage to the vehicle, observe the notes on cleaning and care of the following vehicle parts.

Wheels and rims

- Use water and acid-free wheel cleaners.
- Do not use acidic wheel cleaners to remove brake dust. This could damage wheel bolts and brake components.
- To avoid corrosion of the brake discs and brake pads, drive the vehicle for a few minutes after cleaning before parking it. The brake discs and brake pads warm up and dry out.

Air inlet grilles

- Regularly check the air inlet grilles on the radiator grill and in front of the wheels.
- Keep the air inlet grilles clean and free of deposits such as leaves.

Windows

- Clean windows inside and outside with a damp cloth and with a cleaning agent recommended for Mercedes-Benz.
- Do not use dry cloths or abrasive or solvent-based cleaning agents to clean the inside of windows.

Wiper blades

- Fold out the wiper blades and clean them using a damp cloth.
- Do not clean the wiper blades too often.

Exterior lighting

- Clean the lenses with a wet sponge and mild cleaning agent, e.g. car shampoo.
- Only use cleaning agents or cleaning cloths that are suitable for plastic lenses.

Rear view camera and front camera

- Use clean water and a soft cloth to clean the camera lens.
- Do not use a power washer.

Double rear wing flap

- Extend the double rear wing flap for washing by hand (→ page 132).
- Clean the double rear wing with a soft car sponge and mild cleaning agent, e.g. car shampoo.
- Retract the double rear wing flap completely after drying (→ page 132).
- Do not use a power washer.

Front diffusor

- Extend the front diffusor when washing by hand (→ page 133).
- Clean the front diffusor with a soft car sponge and mild cleaning agent, e.g. car shampoo.
- Retract the front diffusor completely after drying (→ page 133).
- Do not use a power washer.

Tailpipes

- Clean with a cleaning agent recommended for Mercedes-Benz, especially in the winter and after washing the vehicle.

- Do not use acidic cleaning agents.

Notes on care of the interior

▲ WARNING Risk of injury from plastic parts breaking off after the use of solvent-based care products

Care and cleaning products containing solvents can cause surfaces in the cockpit to become porous. When the airbags are deployed, plastic parts may break away.

- ▶ Do not use any care or cleaning products containing solvents to clean the cockpit.

▲ WARNING Risk of injury or death from bleached seat belts

Bleaching or dyeing seat belts can severely weaken them.

This can, for example, cause seat belts to tear or fail in an accident.

- ▶ Never bleach or dye seat belts.

To avoid damage to the vehicle, observe the notes on cleaning and care.

Seat belts

- Clean with lukewarm and soapy water.
- Do not use chemical cleaning agents.
- Do not dry seat belts by heating them to over 176°F (80°C) or exposing them to direct sunlight.

Display

- Switch off the display and let it cool down.
- Clean the surface carefully with a microfiber cloth and a suitable display care product (TFT-LCD).
- Do not use any other agents.

Plastic trim

- Clean with a damp microfiber cloth.
- For heavy soiling: use a cleaner recommended for Mercedes-Benz.
- Do not attach stickers, films or similar materials.

- Do not allow cosmetics, insect repellent or sun cream to come in contact with the plastic trim.

Real wood and trim elements

- Clean with a microfiber cloth.
- Black piano-lacquer look: clean with a damp cloth and soapy water.
- For heavy soiling: use a cleaner recommended for Mercedes-Benz.
- Do not use solvent-based cleaning agents, polishes or waxes.

Headliner

- Clean with a brush or dry shampoo.

Carpet

- Use a carpet and textile cleaning agent recommended for Mercedes-Benz.

Steering wheel made of genuine leather or DINAMICA

! NOTE Damage caused by wrong cleaners

- ▶ Do not use solvent-based cleaning agents such as tar remover or wheel

cleaner; neither should you use polishes or waxes. Otherwise you may damage the finish.

- Clean with a damp cloth and 1% soapy water solution and then wipe with a dry cloth.
- For heavy soiling: use a cleaner recommended for Mercedes-Benz.
- Leather care: use a leather care agent that has been recommended for Mercedes-Benz.
- Do not allow the leather to become too damp.
- Do not use a microfiber cloth.

i Leather is a natural product. It has natural surface properties, such as differences in structure, marks caused by growth and injury or subtle color differences.

Genuine leather seat covers

- Clean with a damp cloth and then wipe with a dry cloth.
- Leather care: use a leather care agent that has been recommended for Mercedes-Benz.

- Do not allow the leather to become too damp.
- Do not use a microfiber cloth.

DINAMICA seat covers

- Clean with a damp cloth.
- Do not use a microfiber cloth.

Imitation leather seat covers

- Clean with a damp cloth and 1% soapy water.
- Do not use a microfiber cloth.

Cloth seat covers

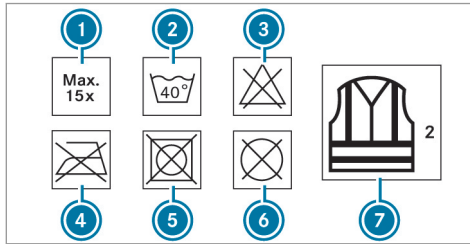
- Clean with a damp microfiber cloth and 1% soap solution and allow to dry.

Emergency

Removing the safety vest

The safety vests are located in the cargo compartment when the vehicle is delivered.

- ▶ Open the safety vest bag and pull out the safety vest.



- ① Maximum number of washes
- ② Maximum wash temperature
- ③ Do not bleach
- ④ Do not iron
- ⑤ Do not tumble dry

- ⑥ Do not dry clean
- ⑦ Class 2 safety vest

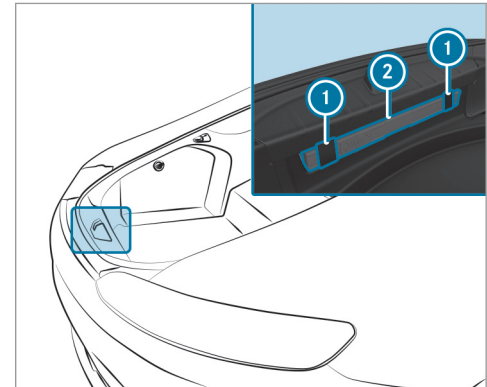
The requirements defined by the legal standard are only fulfilled if the safety vest is the correct size and is fully closed.

The safety vest must be replaced in the following situations:

- The reflective strips are damaged or dirty
- The maximum permissible number of washes is exceeded
- The fluorescence has faded

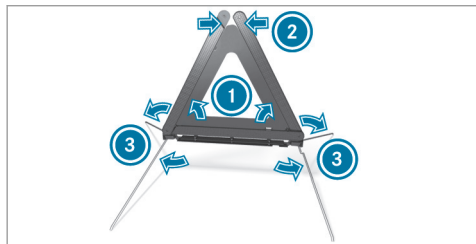
Warning triangle

Removing the warning triangle



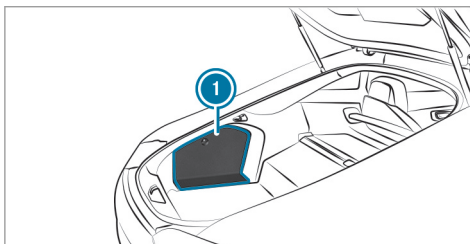
- ▶ Detach Velcro strips ①.
- ▶ Remove warning triangle ②.

Setting up the warning triangle



- ▶ Fold side reflectors ① upwards to form a triangle and attach at the top using upper press-stud ②.
- ▶ Fold legs ③ down and out to the side.

First-aid kit (soft-sided) overview



Flat tire

Notes on flat tire

⚠ WARNING Risk of accident due to a flat tire

A flat tire severely affects the driving characteristics as well as the steering and braking of the vehicle.

Tires without run-flat characteristics:

- ▶ Do not drive with a flat tire.

- ▶ Change the flat tire immediately with an emergency spare wheel or spare wheel. Alternatively, consult a qualified specialist workshop.

Tires with run-flat characteristics:

- ▶ Observe the information and warning notes on MOExtended tires (run-flat tire).

In the event of a flat tire, the following options are available depending on your vehicle's equipment:

- **Vehicles with MOExtended tires:** it is possible to continue the journey for a short period of time. Make sure you observe the notes on MOExtended tires (run-flat tires) (→ page 271).
- **Vehicles with a TIREFIT kit:** you can repair the tire so that it is possible to continue the journey for a short period of time. To do this, use the TIREFIT kit (→ page 272).

- **Vehicles with Mercedes me connect:** you can make a call for breakdown assistance in the case of a breakdown (→ page 224).
 - **All vehicles:** change the wheel (→ page 310).
- i** The emergency spare wheel is only available in certain countries.

Notes on MOExtended tires (run-flat tires)

⚠ WARNING Risk of accident when driving in limp-home mode

When driving in emergency mode the handling characteristics are impaired.

- ▶ Do not exceed the specified maximum speed of the MOExtended tires.
- ▶ Avoid any abrupt steering and driving maneuvers as well as driving over obstacles (curbs, pot holes, off-road). This applies, in particular, to a loaded vehicle.

- ▶ Stop driving in the emergency mode if you notice:
 - Banging noise
 - Vehicle vibration
 - Smoke which smells like rubber
 - Continuous ESP® intervention
 - Cracks in the tire side walls
- ▶ After driving in emergency mode, have the rims checked by a qualified specialist workshop with regard to their further use.
- ▶ The defective tire must be replaced in every case.

With MOExtended tires (run-flat tires), you can continue to drive your vehicle even if there is a total loss of pressure in one or more tires. However, the tire affected must not show any clearly visible damage.

You can recognize MOExtended tires by the MOExtended marking which appears on the side wall of the tire.

Vehicles with tire pressure monitoring system: MOExtended tires may only be used in conjunction with an activated tire pressure monitoring system.

If a pressure loss warning message appears in the multifunction display, proceed as follows:

- Check the tires for damage.
- If driving on, observe the following notes.

Driving distance possible in emergency mode after the pressure loss warning:

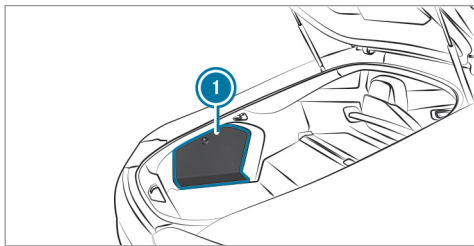
Load condition	Driving distance possible in emergency mode
Partially laden	50 miles (80 km)
Fully laden	19 miles (30 km)

The driving distance possible in emergency mode may vary depending on the driving style. Observe the maximum permissible speed of 50 mph (80 km/h).

272 Breakdown assistance

If a tire has gone flat and cannot be replaced with an MOExtended tire, you can use a standard tire as a temporary measure.

TIREFIT kit storage location



The TIREFIT kit is located on the left side of the cargo compartment in the storage compartment behind service flap ①.

Using the TIREFIT kit

Requirements:

- Tire sealant bottle and tire inflation compressor available (→ page 272)

- TIREFIT sticker available
- Gloves available

You can use TIREFIT tire sealant to seal perforation damage of up to 0.16 in (4 mm), particularly those in the tire contact surface. You can use TIREFIT in outside temperatures down to -4°F (-20°C).

⚠ WARNING Risk of accident when using tire sealant

The tire sealant may be unable to seal the tire properly, especially in the following cases:

- There are large cuts or punctures in the tire (larger than damage previously mentioned)
 - The wheel rims have been damaged
 - After journeys with very low tire pressure or with flat tires
- ▶ Do not continue driving.
 - ▶ Consult a qualified specialist workshop.

⚠ WARNING Risk of injury and poisoning from tire sealant

The tire sealant is harmful and causes irritation. Do not allow it to come into contact with the skin, eyes or clothing, and do not swallow it. Do not inhale tire sealant fumes. Keep the tire sealant away from children.

If you come into contact with the tire sealant, observe the following:

- ▶ Rinse off the tire sealant from your skin immediately using water.
- ▶ If tire sealant gets into your eyes, thoroughly rinse out the eyes using clean water.
- ▶ If tire sealant has been swallowed, immediately rinse out the mouth thoroughly and drink plenty of water. Do not induce vomiting and seek medical attention immediately.
- ▶ Change out of any clothes contaminated with tire sealant immediately.
- ▶ If allergic reactions occur, seek medical attention immediately.

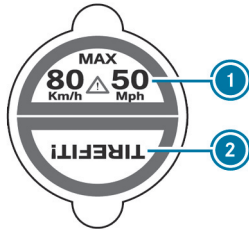
! **NOTE** Overheating due to the tire inflation compressor running too long

- ▶ Do not run the tire inflation compressor for longer than ten minutes without interruption.

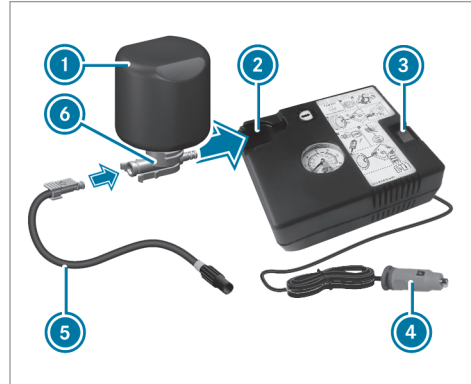
Comply with the manufacturer's safety notes on the sticker on the tire inflation compressor.

Have the tire sealant bottle replaced in a qualified specialist workshop every five years.

- ▶ Do not remove any foreign objects which have entered the tire.

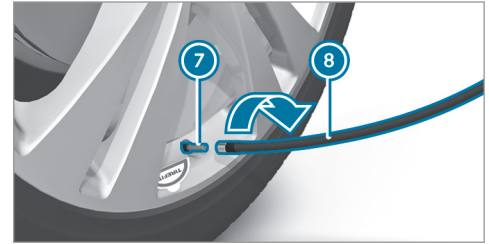


- ▶ Affix part ① of the TIREFIT sticker to the instrument cluster within the driver's field of vision.
- ▶ Affix part ② of the TIREFIT sticker near the valve on the wheel with the faulty tire.



- ▶ Pull plug ④ with the cable and hose ⑤ out of the tire inflation compressor housing.

- ▶ Push the plug of hose ⑤ into flange ⑥ of tire sealant bottle ① until the plug engages.
- ▶ Place tire sealant bottle ① head downwards into recess ② of the tire inflation compressor.



- ▶ Remove the valve cap from valve ⑦ on the faulty tire.
- ▶ Screw filling hose ⑧ onto valve ⑦.
- ▶ Insert plug ④ into a 12 V socket in your vehicle (→ page 77).
- ▶ Switch on the ignition.

- ▶ Press on and off switch ③ on the tire inflation compressor.
The tire inflation compressor is switched on. The tire is inflated. First, tire sealant is pumped into the tire. The pressure may briefly rise to approximately 500 kPa (73 psi (5 bar)).

Do not switch off the tire inflation compressor during this phase!

- ▶ Let the tire inflation compressor run for a maximum of ten minutes.
The tire should then have attained a tire pressure of at least 200 kPa (29 psi (2.0 bar)).

If tire sealant leaks out, make sure you clean the affected area as quickly as possible. It is preferable to use clean water.

If you get tire sealant on your clothing, have it cleaned as soon as possible with perchloroethylene.

If, after ten minutes, a tire pressure of 200 kPa (29 psi (2.0 bar)) has not been attained:

- ▶ Switch off the tire inflation compressor.
- ▶ Unscrew the filling hose from the valve of the faulty tire.

Please note that tire sealant may leak out when unscrewing the filling hose.

- ▶ Drive forwards or in reverse very slowly for approximately 33 ft (10 m).
- ▶ Pump up the tire again.
After a maximum of ten minutes, the tire pressure must be at least 200 kPa (29 psi (2.0 bar)).

⚠ WARNING Risk of accident due to the specified tire pressure not being attained

If the minimum tire pressure is not reached after the specified time, the tire is too badly damaged. The tire sealant cannot repair the tire in this instance.

The braking and driving characteristics may be greatly impaired.

- ▶ Do not continue driving.
- ▶ Consult a qualified specialist workshop.

If, after ten minutes, a tire pressure of 200 kPa (29 psi (2.0 bar)) has been attained:

- ▶ Switch off the tire inflation compressor.
- ▶ Unscrew the filling hose from the valve of the faulty tire.

⚠ WARNING Risk of accident from driving with sealed tires

A tire temporarily sealed with tire sealant impairs the handling characteristics and is not suitable for higher speeds.

- ▶ Adapt your driving style accordingly and drive carefully.
- ▶ Do not exceed the maximum speed limit with a tire that has been repaired using tire sealant.

- ▶ Observe the maximum permissible speed for a tire sealed with tire sealant 50 mph (80 km/h).

- ▶ Affix the upper section of the TIREFIT sticker to the instrument cluster in a location where it will be easily seen by the driver.

! **NOTE** Staining caused by leaking tire sealant

After use, excess tire sealant may leak out from the filling hose.

- ▶ Therefore, place the filling hose in the plastic bag that contained the TIREFIT kit.

🌿 ENVIRONMENTAL NOTE Environmental pollution caused by environmentally irresponsible disposal

Tire sealant contains pollutants.

- ▶ Have the tire sealant bottle disposed of professionally, e.g. at an authorized Mercedes-Benz Center.

- ▶ Store the tire sealant bottle, the tire inflation compressor and, if necessary, the warning triangle.

▶ Pull away immediately.

- ▶ Stop driving after approximately ten minutes and check the tire pressure using the tire inflation compressor.
- The tire pressure must now be at least 130 kPa (19 psi (1.3 bar)).

⚠️ WARNING Risk of accident due to the specified tire pressure not being attained

If the specified tire pressure is not reached, the tire is too badly damaged. The tire sealant cannot repair the tire in this instance.

The braking and driving characteristics may be greatly impaired.

- ▶ Do not continue driving.
- ▶ Consult a qualified specialist workshop.

In cases such as the one mentioned above, contact an authorized Mercedes-Benz Center. Or call 1-800-FOR-MERCEDES (in the USA) or 1-800-387-0100 (in Canada).

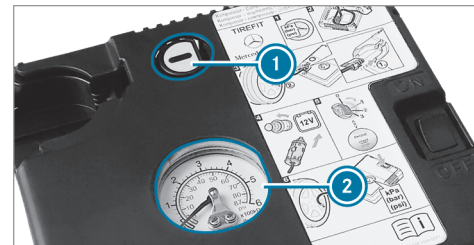
- ▶ Correct the tire pressure if it is still at least 130 kPa (19 psi (1.3 bar)). See the Tire and

Loading Information placard on the B-pillar on the driver's side or the tire pressure table in the fuel filler flap for values. (→ page 290).

Increasing the tire pressure

- ▶ Switch on the tire inflation compressor.

Decreasing the tire pressure



- ▶ Press pressure release button ① next to manometer ②.
- ▶ When the tire pressure is correct, unscrew the filling hose from the valve of the sealed tire.

- ▶ Screw the valve cap onto the valve of the sealed tire.
- ▶ Pull the tire sealant bottle out of the tire inflation compressor.
The filling hose stays on the tire sealant bottle.
- ▶ Drive to the nearest qualified specialist workshop and have the tire, tire sealant bottle and filling hose replaced there.

Battery (vehicle)

Notes on the 12 V battery

⚠ WARNING Risk of an accident due to work carried out incorrectly on the battery

Work carried out incorrectly on the battery can, for example, lead to a short circuit. This can restrict functions relevant for safety systems and impair the operating safety of your vehicle.

You could lose control of the vehicle in the following situations in particular:

- When braking
- In the event of abrupt steering maneuvers and/or when the vehicle's speed is not adapted to the road conditions
- ▶ In the event of a short circuit or a similar incident, contact a qualified specialist workshop immediately.
- ▶ Do not drive on.
- ▶ Always have work on the battery carried out at a qualified specialist workshop.

- Further information on ABS (→ page 122)
- Further information on ESP®

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

🔥 ENVIRONMENTAL NOTE Environmental damage caused by improper disposal of batteries



Batteries contain pollutants. It is illegal to dispose of them with the household rubbish.



Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.

If you have to disconnect the 12 V battery, contact a qualified specialist workshop. Comply with safety notes and take protective measures when handling batteries.



Risk of explosion.



Fire, open flames and smoking are prohibited when handling the battery. Avoid creating sparks.



Electrolyte or battery acid is corrosive. Avoid contact with the skin, eyes or clothing. Wear suitable protective clothing, in particular gloves, an apron and a face mask. Immediately rinse electrolyte or acid splashes off with clean water. Consult a doctor if necessary.



Wear safety glasses.



Keep children away.



Observe this Operator's Manual.

Observe the following if you do not intend to use the vehicle over an extended period of time:

- Activate standby mode.
- Alternatively: connect the battery to a battery charger approved by Mercedes-Benz or consult a qualified specialist workshop to disconnect the battery.

Notes on starting assistance and charging the 12 V battery

When charging the battery and during starting assistance, always use the jump-start connection point in the engine compartment.

! **NOTE** Damaging the battery through overvoltage

When charging using a battery charger without a maximum charging voltage, the battery or the vehicle electronics may be damaged.

▶ Only use battery chargers with a maximum charging voltage of 14.8 V.

When charging the battery and during starting assistance, always use the jump-start connection point in the engine compartment.

! **NOTE** Damaging the battery through overvoltage

When charging using a battery charger without a maximum charging voltage, the battery or the vehicle electronics may be damaged.

▶ Only use battery chargers with a maximum charging voltage of 14.8 V.

! **WARNING** Risk of explosion during charging process and starting assistance

During the charging process and starting assistance, the battery may release an explosive gas mixture.

▶ Avoid fire, open flames, creating sparks and smoking.

- ▶ Make sure there is sufficient ventilation.
- ▶ Do not lean over a battery.

⚠ WARNING Risk of explosion from a frozen battery

A discharged battery may freeze at temperatures slightly above or below freezing point. During starting assistance or battery charging, battery gas can be released.

- ▶ Always allow a battery to thaw before charging it or performing starting assistance.

If the indicator/warning lamps in the instrument cluster do not light up at low temperatures, it is very likely that the discharged battery has frozen. In this case you may neither jump-start the vehicle nor charge the battery.

The service life of a battery that has been thawed may be dramatically shortened. The starting characteristics may be impaired, especially at low temperatures.

It is recommended that you have a thawed battery checked at a qualified specialist workshop.

! **NOTE** Damage caused by numerous or extended attempts to start the engine

Numerous or extended attempts to start the engine may damage the catalytic converter due to non-combusted fuel.

- ▶ Avoid numerous and extended attempts to start the engine.

Observe the following points during starting assistance and when charging the battery:

- Only use undamaged jumper cables/charging cables with a sufficient cross-section and insulated terminal clamps.
- Non-insulated parts of the terminal clamps must not come into contact with other metal parts while the jumper cable/charging cable is connected to the battery/jump-start connection point.
- The jumper cable/charging cable must not come into contact with any parts which may move when the engine is running.

- Always make sure that neither you nor the battery is electrostatically charged.
- Keep away from fire and open flames.
- Do not lean over the battery.
- Take care that the positive terminal of a connected battery does not come into contact with vehicle parts.
- Never place metal objects or tools on a battery.
- When connecting and disconnecting the battery, always observe the sequence of battery terminals described.

Observe the additional following points when charging the battery:

- Only use battery chargers tested and approved for Mercedes-Benz.
- Read the battery charger's operating instructions before charging the battery.

Observe the additional following points during starting assistance:

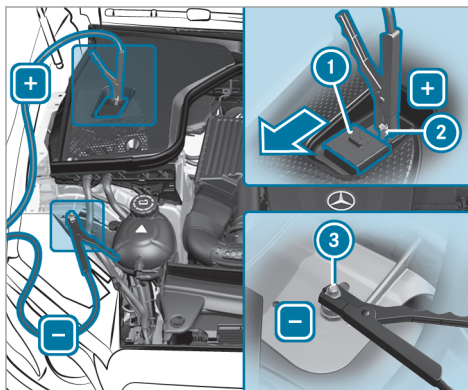
- Starting assistance may only be provided using vehicles, batteries or other jump start devices with a nominal voltage of 12 V.
- The vehicles must not touch.
- Take care to connect only battery terminals of identical polarity.
- Observe the sequence described for connecting and disconnecting the jumper cables.
- **Vehicles with a gasoline engine:** Jump-start the vehicle only when the engine and exhaust system are cold.

Starting assistance and charging the 12 V battery

Requirements:

- The vehicle is secured with the electric parking brake.
- **Vehicles with automatic transmission:** The transmission is in position **P**.

- The ignition and all electrical consumers are switched off.
- The hood is open.



Example: engine compartment

- ▶ Slide cover **1** of positive clamp **2** on the jump-starting connection point in the direction of the arrow.

- ▶ Connect positive clamp **2** on your vehicle to the positive pole of the donor battery using the jumper cable/charging cable. Always begin with positive clamp **2** on your own vehicle first.

- ▶ **During starting assistance:** start the engine of the donor vehicle and run at idle speed.

- ▶ Connect the negative pole of the donor battery and ground point **3** of your own vehicle by using the jumper cable/charging cable. Begin with the donor battery first.

- ▶ **During starting assistance:** start the engine of your own vehicle.

- ▶ **During the charging process:** start the charging process.

- ▶ **During starting assistance:** let the engines run for several minutes.

- ▶ **During starting assistance:** before disconnecting the jumper cable, switch on an electrical consumer in your own vehicle, e.g. the rear window heater or lighting.

When the starting assistance/charging process is complete, perform the following steps:

- ▶ First, remove the jumper cable/charging cable from ground point ③ and the negative pole of the donor battery, then from positive clamp ② and the positive pole of the donor battery. Begin each time with the contacts on your own vehicle first.
- ▶ After removing the jumper cable/charging cable, close cover ① of positive clamp ②.

Further information can be obtained at a qualified specialist workshop.

Replacing the 12 V battery

- ▶ Observe the notes on the 12 V battery (→ page 276).

Mercedes-Benz recommends that you have the 12 V battery replaced at a qualified specialist workshop, e.g. at an authorized Mercedes-Benz Center.

If you want to replace the battery yourself, observe the following notes:

- Replace a faulty battery with a battery which meets the specific vehicle requirements.
The vehicle is equipped with a lithium-ion battery. Full vehicle functionality is only guaranteed with a lithium-ion battery. For safety reasons, Mercedes-Benz recommends that you only use batteries which have been tested and approved for your vehicle by Mercedes-Benz.
- Use detachable parts such as vent hoses, elbow fittings or terminal covers from the battery which is to be replaced.
- Make sure that the vent hose is always connected to the original opening on the side of the battery.
Install any existing or supplied cell caps. Otherwise, gases or battery acid could escape.
- Make sure that detachable parts are reconnected in the same way.

Tow starting or towing away

Permitted towing methods

! NOTE Damage from automatic braking

If one of the following functions is switched on, the vehicle brakes automatically in certain situations:

- Active Brake Assist
- Active Distance Assist DISTRONIC
- HOLD function
- Active Parking Assist

To avoid damage to the vehicle, deactivate these systems in the following or similar situations:

- ▶ During towing
- ▶ In a car wash

Mercedes-Benz recommends transporting your vehicle in the case of a breakdown, rather than towing it away.

For towing, use a tow rope or tow bar with both axles on the ground. Do not use tow bar systems.

⚠ WARNING Risk of accident when towing with steering wheel lock

You will no longer be able to steer the vehicle if the steering wheel lock is engaged.

- ▶ Always switch on the ignition when towing the vehicle with a tow cable or a tow bar.

! NOTE Damage to the vehicle due to towing away incorrectly

- ▶ Observe the instructions and notes on towing away.

Permitted towing methods

Both axles on the ground	Yes, maximum 31 miles (50 km) at 31 mph (50 km/h)
Front axle raised	No
Rear axle raised	No

Towing the vehicle with both axles on the ground

- ▶ Observe the notes on the permitted towing methods (→ page 280).
- ▶ Make sure that the battery is connected and charged.

Observe the following points when the battery is discharged:

- The engine cannot be started
- The electric parking brake cannot be released or applied

- **Vehicles with automatic transmission:**

The automatic transmission cannot be shifted to position **N** or **P**

- i** **Vehicles with automatic transmission:** If the automatic transmission cannot be shifted to position **N**, or the multifunction display in the instrument cluster does not show anything, have the vehicle transported away (→ page 283). A towing vehicle with lifting equipment is required for vehicle transportation.

! NOTE Damage due to towing away at excessively high speeds or over long distances

The drivetrain could be damaged when towing at excessively high speeds or over long distances.

- ▶ A towing speed of 30 mph (50 km/h) must not be exceeded.
- ▶ A towing distance of 30 miles (50 km) must not be exceeded.

▲ WARNING Risk of accident when towing a vehicle which is too heavy

If another vehicle is tow-started or towed away, its weight must not exceed the permissible gross mass of your own vehicle, otherwise the following could occur:

- The towing eye may become detached.
- The vehicle/trailer combination may swerve or even rollover.

▶ If another vehicle is tow-started or towed away, its weight must not exceed the permissible gross mass of your own vehicle.

If a vehicle must be tow-started or towed away, its permissible gross weight must not exceed the permissible gross weight of the towing vehicle.

▶ Information on the permissible gross mass of the vehicle can be found on the vehicle identification plate (→ page 317).

▶ **Vehicles with automatic transmission:** Do not open the driver's door or front passenger

door, otherwise the automatic transmission automatically shifts to position **P**.

▶ Install the towing eye (→ page 284).

▶ Fasten the tow bar.

! **NOTE** Damage due to incorrect connection of the tow bar

▶ Only connect the tow rope or tow bar to the towing eyes.

▶ Deactivate the automatic locking mechanism (→ page 57).

▶ Do not activate the HOLD function.

▶ **Vehicles with automatic transmission:** Shift the automatic transmission to position **N**.

▶ Release the electric parking brake.

▲ WARNING Risk of accident due to limited safety-related functions during the towing process

Safety-related functions are limited or no longer available in the following situations:

- The ignition is switched off.
- The brake system or power steering system is malfunctioning.
- The energy supply or the on-board electrical system is malfunctioning.

When your vehicle is then towed away, significantly more effort may be required to steer and brake than is normally required.

▶ Use a tow bar.

▶ Make sure that the steering wheel can move freely before towing the vehicle away.

! **NOTE** Damage due to excessive tractive power

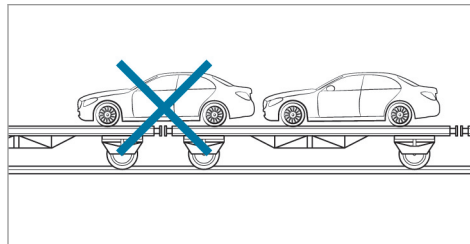
If you pull away sharply, the tractive power may be too high and the vehicles could be damaged.

- ▶ Pull away slowly and smoothly.

Loading the vehicle for transport

- ▶ Observe the notes on towing away (→ page 281).
 - ▶ Connect the tow bar to the towing eye in order to load the vehicle.
 - ▶ Shift the automatic transmission to position **N**.
- i** The automatic transmission may be locked in position **P** in the event of damage to the electrics. To shift to **N**, provide the on-board electrical system with power (→ page 279).
- ▶ Load the vehicle onto the transporter.

- ▶ Shift the automatic transmission to position **P**.
- ▶ Use the electric parking brake to secure the vehicle against rolling away.
- ▶ Only secure the vehicle by the wheels.

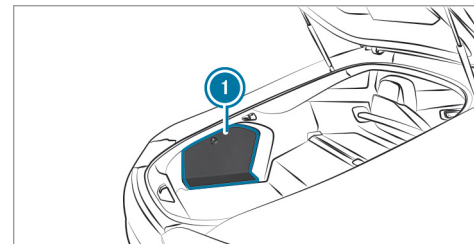


- ▶ Make sure that the front and rear axles come to rest on the same transportation vehicle.

! **NOTE** Damage to the drivetrain due to incorrect positioning

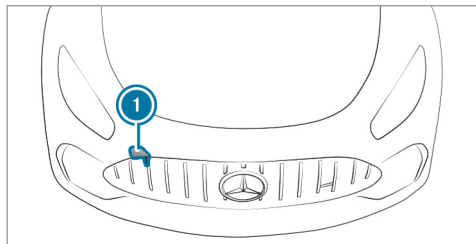
- ▶ Do not position the vehicle above the connection point of the transport vehicle.

Towing eye storage location



The towing eye is located on the left side of the cargo compartment in the storage compartment behind service flap **1**.

Installing the towing eye



- ▶ Pull out cover ①.
- ▶ Screw in the towing eye clockwise as far as it will go and tighten.
- ① Make sure that cover ① engages in the bumper when you remove the towing eye.

! **NOTE** Damage to the vehicle due to incorrect use of the towing eye

When a towing eye is used to recover a vehicle, the vehicle may be damaged in the process.

- ▶ Only use the towing eye to tow away or tow start the vehicle.

Tow-starting the vehicle (emergency engine start)

! **NOTE** Damage to the automatic transmission due to tow starting

The automatic transmission may be damaged in the process of tow starting vehicles with automatic transmission.

- ▶ Vehicles with automatic transmission must not be tow started.
- ▶ Vehicles with automatic transmission must not be tow-started.

Electrical fuses

Notes on electrical fuses

! **WARNING** Risk of accident and injury due to overloaded lines

If you manipulate or bridge a faulty fuse or if you replace it with a fuse with a higher amperage, the electric line could be overloaded.

This could result in a fire.

- ▶ Always replace faulty fuses with specified new fuses containing the correct amperage.

! **NOTE** Damage due to incorrect fuses

Electrical components or systems may be damaged by incorrect fuses, or their functionality may be significantly impaired.

- ▶ Only use fuses that have been approved by Mercedes-Benz and which have the correct fuse rating.

Blown fuses must be replaced with fuses of the same rating, which you can recognize by the color and fuse rating. The fuse ratings and further information to be observed can be found in the fuse assignment diagram.

Fuse assignment diagram: on the fuse box in the cargo compartment (→ page 285).

! **NOTE** Damage or malfunctions caused by moisture

Moisture may cause damage to the electrical system or cause it to malfunction.

- ▶ When the fuse box is open, make sure that no moisture can enter the fuse box.
- ▶ When closing the fuse box, make sure that the seal of the lid is positioned correctly on the fuse box.

If the newly inserted fuse also blows, have the cause traced and rectified at a qualified specialist workshop.

Ensure the following before replacing a fuse:

- The vehicle is secured against rolling away.

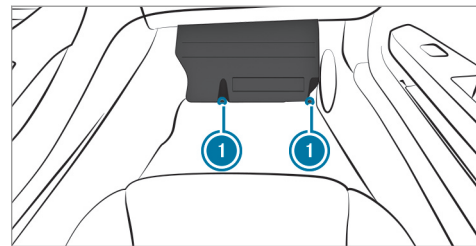
- All electrical consumers are switched off.
- The ignition is switched off.

The electrical fuses are located in various fuse boxes:

- Fuse box in the front passenger footwell (→ page 285)
- Fuse box in the cargo compartment on the left-hand side of the vehicle, when viewed in the direction of travel (→ page 285)

Opening and closing the fuse box in the front passenger footwell

Observe the notes on electrical fuses (→ page 284).

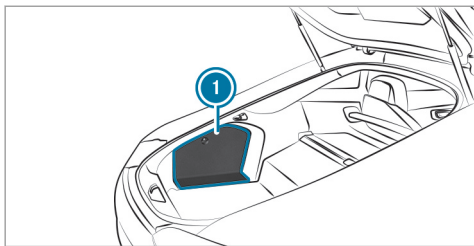


- ▶ **To open:** loosen screws ① on the floor panel and remove the floor panel.
- ▶ **To close:** insert the floor panel and tighten screws ①.

Opening and closing the fuse box in the cargo compartment

Observe the notes on electrical fuses (→ page 284).

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- ▶ Turn the fastener on service flap ① counter-clockwise.
- ▶ Open the service flap.

The fuse assignment diagram is in a recess on the side of the fuse box.

Notes on noise or unusual handling characteristics

Make sure there are no vibrations, noises or unusual handling characteristics when the vehicle is in motion. This may indicate that the wheels or tires are damaged. Hidden tire damage could also be causing the unusual handling characteristics.

If you suspect that a tire is malfunctioning, reduce your speed immediately and have the tires and wheels checked at a qualified specialist workshop.

Notes on regularly inspecting wheels and tires

⚠ WARNING Risk of injury through damaged tires

Damaged tires can cause tire pressure loss.

- ▶ Check the tires regularly for signs of damage and replace any damaged tires immediately.

⚠ WARNING Risk of hydroplaning due to insufficient tire tread

Insufficient tire tread will result in reduced tire grip.

In heavy rain or slush the risk of hydroplaning is increased, in particular where speed is not adapted to suit the conditions.

- ▶ Thus, you should regularly check the tread depth and the condition of the tread across the entire width of all tires.

Minimum tread depth for:

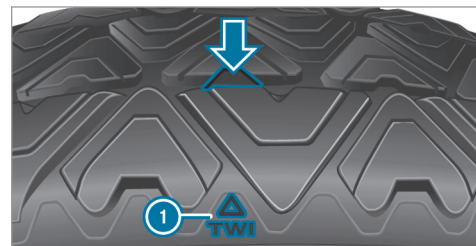
- Summer tires: $\frac{1}{8}$ in (3 mm)
- M+S tires: $\frac{1}{6}$ in (4 mm)
- ▶ For safety reasons, replace the tires before the legally-prescribed limit for the minimum tread depth is reached.

Carry out the following checks on all wheels regularly, at least once a month or as required, for example, prior to a long journey or driving off-road:

- Check the tire pressure (→ page 288).

- Visually inspect wheels and tires for damage.
- Check the valve caps.
- Visual check of the tire tread depth and the tire contact surface across the entire width.

The minimum tread depth for summer tires is $\frac{1}{8}$ in (3 mm) and for winter tires $\frac{1}{6}$ in (4 mm).



Six marks ① show where the bar indicators (arrow) are integrated into the tire tread. They are visible once a tire tread depth of approximately $\frac{1}{16}$ in (1.6 mm) has been reached.

Notes on snow chains

⚠ WARNING Risk of accident due to incorrect mounting of snow chains

If you have mounted snow chains to the front wheels, the snow chains may drag against the vehicle body or chassis components.

This could cause damage to the vehicle or the tires.

- ▶ Never mount snow chains on the front wheels.
- ▶ Only mount snow chains on the rear wheels in pairs.

Observe the following notes when using snow chains:

- Snow chains are only permissible for certain wheel/tire combinations. You can obtain information about this from an authorized Mercedes-Benz Center.
- For safety reasons, only use snow chains that have been specifically approved for your

vehicle by Mercedes-Benz, or snow chains with the same quality standard.

- If snow chains are installed, the maximum permissible speed is 30 mph (50 km/h).
 - **Vehicles with level control:** If snow chains are installed, only drive at raised vehicle level.
- i** You can deactivate ESP® to pull away (→ page 124). This allows the wheels to spin, achieving an increased driving force.

Tire pressure

Notes on tire pressure

⚠ WARNING Risk of accident due to insufficient or excessive tire pressure

Tires with either too low or too high a pressure present the following hazards:

- the tires could burst
- the tires could wear excessively and/or unevenly

- the driving characteristics as well as steering and braking characteristics may be severely impaired
- ▶ Observe the recommended tire pressures and check the tire pressure of all tires including the spare wheel:
- monthly
 - if altering the load on the vehicle
 - prior to long journeys
 - if the operating conditions change, for example when driving off-road
- ▶ Adjust the tire pressure where necessary.

Tire pressure which is too high or too low can:

- Shorten the service life of the tires.
- Cause increased tire damage.
- Adversely affect driving characteristics and thus driving safety, e.g. due to hydroplaning.

▲ WARNING Risk of accident due to too low a tire pressure

Tires with pressure that is too low can overheat and burst as a consequence.

In addition, they also suffer from irregular wear, which can significantly impair the braking properties and the handling characteristics.

- ▶ Avoid excessively low tire pressure.

Tire pressure which is too low can cause:

- Tire faults as a result of overheating
- Impaired handling characteristics
- Irregular wear
- Increased fuel consumption

▲ WARNING Risk of accident due to too high a tire pressure

Tires with excessively high pressure can burst.

In addition, they also suffer from irregular wear, which can significantly impair the braking properties and the handling characteristics.

- ▶ Avoid excessively high tire pressures.

Tire pressure which is too high can cause:

- Increased braking distance
- Impaired handling characteristics
- Irregular wear
- Impaired driving comfort
- Susceptibility to damage

▲ WARNING Risk of accident due to repeated pressure drop in the tires

The wheels, valves or tires could be damaged.

Too low a tire pressure can lead to the tires bursting.

- ▶ Examine the tires for foreign objects.

- ▶ Check whether the tire has a puncture or the valve has a leak.
- ▶ If you are unable to rectify the damage, contact a qualified specialist workshop.

You can find information on tire pressure for the vehicle's factory-installed tires on the following labels:

- Tire and Loading Information placard on the B-pillar of your vehicle (→ page 293).
- Tire pressure table on the inside of the fuel filler flap (→ page 290).

Observe the maximum tire pressure (→ page 300).

Use a suitable pressure gauge to check the tire pressure. The outer appearance of a tire does not permit any reliable conclusion about the tire pressure.

Only correct tire pressure when the tires are cold. Conditions for cold tires:

- The vehicle has been parked with the tires out of direct sunlight for at least three hours.

290 Wheels and tires

- The vehicle has traveled less than 1 mile (1.6 km).

The vehicle's tires heat up when driving. As the temperature of the tires increases, so too does the tire pressure.

Vehicles with tire pressure monitoring system: You can also see the tire pressure in the driver's display.

The tire pressure recommended for increased load/speed in the tire pressure table can affect the ride comfort.

⚠ WARNING Risk of accident due to unsuitable accessories on tire valves

If you mount unsuitable accessories onto tire valves, the tire valves may be overloaded and malfunction, which can cause tire pressure loss.

- ▶ Only screw standard valve caps or valve caps specifically approved by Mercedes-Benz for your vehicle onto the tire valve.

Tire pressure table

The tire pressure table is on the inside of the fuel filler flap.

- ⓘ The data shown in the images is example data.

The image shows a placard titled "COLD TIRE PRESSURE" with a car diagram and an information icon. It lists load conditions and their corresponding pressures in psi.

Load Condition	Front Tire Pressure (psi)	Rear Tire Pressure (psi)
normal load	30	30
maximum load	35	35

Warm tires up to: + 4 psi

Vehicle ID: A 212 584 00 15
Part Number: 124567

If one or more tire sizes precede a tire pressure, the following tire pressure information is only valid for those tire sizes and their respective load condition.

The load conditions "partially laden" and "fully laden" are defined in the table for different numbers of passengers and amounts of luggage. The actual number of seats may differ from this.

The image shows a placard titled "100 kPa = 1 bar" with a car diagram and an information icon. It lists tire sizes and their corresponding pressures in kPa and psi.

Tire Size	Load Condition	Front Tire Pressure (kPa)	Front Tire Pressure (psi)	Rear Tire Pressure (kPa)	Rear Tire Pressure (psi)
R18	normal load	250	36	250	36
R18	maximum load	300	43	300	43
R19	normal load	250	36	250	36
R19	maximum load	300	43	300	43
M+S	normal load	250	36	250	36
M+S	maximum load	300	43	300	43

Vehicle ID: A 213 584 11 05
Part Number: 124567

Some tire pressure tables only show the rim diameter instead of the complete tire size, e.g. **R18**. The rim diameter is part of the tire size and can be found on the tire side wall (→ page 301).

- Tire and Loading Information placard (→ page 293)
- Maximum tire pressure (→ page 300)

Checking tire pressures manually

- ▶ Read the tire pressure for the current operating conditions from the Tire and Loading Information placard or the tire pressure table. Observe the notes on tire pressure.
- ▶ Remove the valve cap of the tire to be checked.
- ▶ Press the tire pressure gauge securely onto the valve.
- ▶ Read the tire pressure.
- ▶ If the tire pressure is lower than the recommended value, increase the tire pressure to the recommended value.
- ▶ If the tire pressure is higher than the recommended value, release air. To do so, press down the metal pin in the valve, e.g. using the tip of a pen for example. Then check the tire pressure again using the tire pressure gauge.
- ▶ Screw the valve cap onto the valve.

Further related subjects:

- Notes on tire pressure (→ page 288)

- Tire pressure table (→ page 290)
- Tire and Loading Information placard (→ page 293)

Tire pressure monitoring system

Function of the tire pressure monitoring system

⚠ DANGER Risk of accident due to incorrect tire pressure

Each tire, including the spare (if provided), should be checked monthly when cold and then inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for these tires.)

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire

pressure telltale when one or more of your tires is significantly underinflated. Accordingly, if the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if underinflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the indicator lamp will flash for approximately a minute

and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.


When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of incompatible replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly.

Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

The system checks the tire pressure and the tire temperature of the tires installed on the vehicle by means of a tire pressure sensor.

The tire pressure and the tire temperature appear in the multifunction display (→ page 292).

If there is a substantial pressure loss or if the tire temperature is excessive, you will be warned in the following ways:

- Via display messages (→ page 361)
- Via the  warning lamp in the instrument cluster

The tire pressure monitoring system is only an aid. It is the driver's responsibility to set the tire pressure to the recommended cold tire pressure suitable for the operating situation.

In most cases, the tire pressure monitoring system will automatically update the new reference values after you have changed the tire pressure. You can, however, also update the reference values by restarting the tire pressure monitoring system manually (→ page 379).

System limits

The system may be impaired or may not function particularly in the following situations:

- The tire pressure has been set incorrectly
- There is a sudden pressure loss caused, for example, by a foreign object penetrating the tire

- There is a malfunction caused by another radio signal source

Checking the tire pressure with the tire pressure monitoring system

Requirements:

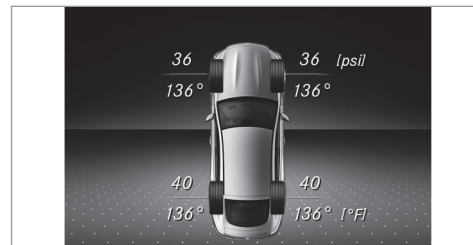
- The ignition is switched on.

Driver display:

 [Service](#)  [Tires](#)

One of the following displays appears:

- Current tire pressure and tire temperature of the individual wheels:



- **Tire pressure will be displayed after driving a few minutes**
- **Tire Pressure Monitor Active:** the teach-in process of the system is not yet complete. The tire pressures are already being monitored.

▶ Compare the tire pressure with the recommended tire pressure for the current operating condition (→ page 290). Observe the notes on tire temperature (→ page 288).

ⓘ The values displayed in the driver display may deviate from those of the tire pressure gauge as they refer to sea level. At high elevations, the tire pressure values indicated by a pressure gauge are higher than those shown by the driver display. In this case, do not reduce the tire pressure.

Restarting the tire pressure monitoring system

Requirements:


- The recommended tire pressure is correctly set for the respective operating status on all of the wheels (→ page 288).

Restart the tire pressure monitoring system in the following situations:

- The tire pressure has changed.
- The wheels or tires have been changed or newly installed.

Driver display:

↳ Service ▶▶ Tires

- ▶ Swipe downwards on Touch Control on the left-hand side of the steering wheel. The **Use Current Pressures as New Reference Values?** message is shown in the multifunction display.
- ▶ To restart, press Touch Control on the left-hand side of the steering wheel. The **Tire Press. Monitor Restarted** message is shown in the multifunction display. Current warning messages are deleted and the yellow  warning lamp goes out. After you have been driving for a few minutes, the system checks whether the current tire pressures are within the specified range. The current tire pressures are then accepted as reference values and monitored.

Be sure to also pay attention to the following related topic:

- Notes on tire pressure (→ page 288)

Loading the vehicle

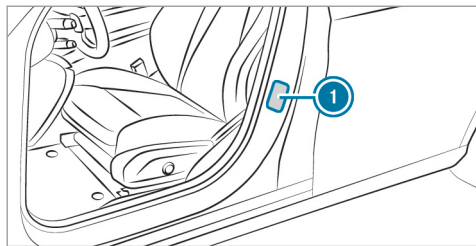
Notes on Tire and Loading Information placard

⚠ WARNING Risk of accident from overloaded tires

Overloaded tires may overheat and burst as a consequence. Overloaded tires can also impair the steering and handling characteristics and lead to brake failure.

- ▶ Observe the load rating of the tires.
- ▶ The load rating must be at least half the permissible axle load of the vehicle.
- ▶ Never overload the tires by exceeding the maximum load.

The Tire and Loading Information placard is on the B-pillar on the driver's side of the vehicle.



① Tire and Loading Information placard

TIRE AND LOADING INFORMATION		RENSEIGNEMENTS SUR LES PNEUS ET LE CHARGEMENT	
SEATING CAPACITY NOMBRE DE PLACES	TOTAL 7	FRONT AVANT	2
The combined weight of occupants and cargo should never exceed Le poids total des occupants et du chargement ne doit jamais dépasser:		MIDDLE EU	3
		REAR ARRIÈRE	2
		XXX kg or XXX lbs.	
TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS À FROID	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
FRONT AVANT	255/40 ZR 18 99Y XL	200 KPA, 29 PSI	VOIR LE MANUEL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS
REAR ARRIÈRE	285/35 ZR 18 101Y XL	200 KPA, 29 PSI	
SPARE DE SECOURS	175/55-18 95P	420 KPA, 60 PSI	

① The data shown in the illustration is example data.

The Tire and Loading Information placard shows:

- Maximum number of seats ② according to the maximum number of people permitted to travel in the vehicle.
- Maximum permissible load ③ comprises the gross weight of all vehicle occupants, load and luggage.

- Recommended tire pressure ① for cold tires. The recommended tire pressures are valid for the maximum permissible load and up to the maximum permissible vehicle speed.

Please also note:

- Information on permissible weights and loads on the vehicle identification plate (→ page 317).
- Information on tire pressure in the tire pressure table (→ page 290).

Further related subjects:

- Determining the maximum permissible load (→ page 294)
- Notes on tire pressure (→ page 288).

Steps for Determining Correct Load Limit

The following steps have been developed as required of all manufacturers under Title 49, Code of U.S. Federal Regulations, Part 575, pursuant to the "National Traffic and Motor Vehicle Safety Act of 1966".

- ▶ **(1):** Locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs." on your vehicle's placard.
- ▶ **(2):** Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- ▶ **(3):** Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.
- ▶ **(4):** The resulting figure equals the available amount of cargo and luggage load capacity. For example: if "XXX" equals 1,400 lbs and there are five occupants in your vehicle with a weight of 150 lbs each, the maximum cargo and luggage load capacity is 650 lbs (1,400 - 750 (5 x 150) = 650 lbs).
- ▶ **(5):** Determine the combined weight of luggage and cargo being loaded on the vehicle. The weight may not safely exceed the available cargo and luggage load capacity calculated in step 4.
- ▶ **(6):** If your vehicle will be towing a trailer, load from your trailer will be transferred to

your vehicle. Consult this manual to determine how much this reduces the available cargo and luggage load capacity of your vehicle.

- ⓘ Not all vehicles are permitted to tow a trailer. Towing a trailer is only permitted if a trailer-hitch is installed. Please consult an authorized Mercedes-Benz dealer if you have any questions about towing a trailer with your vehicle.

Even if you have calculated the total load carefully, you should still make sure that the maximum permissible gross weight and the maximum gross axle weight rating of your vehicle are not exceeded. Details can be found on the vehicle identification plate.

- ▶ Have your loaded vehicle – including driver, occupants and load – weighed on a vehicle weighbridge. The measured values may not exceed the maximum permissible values stated on the vehicle identification plate.

Further related subjects:

- Calculation example for determining the maximum load (→ page 295)
- Tire and Loading Information placard (→ page 293)
- Tire pressure table (→ page 290)
- Vehicle identification plate (→ page 317)

Calculation example for determining the maximum load

The following table shows examples of how to calculate total and load capacities with varying seating configurations and different numbers and sizes of occupants. The following examples use a maximum load of 1500 lbs (680 kg). **This is for illustration purposes only.** Make sure you are using the actual load limit for your vehicle stated on your vehicle's Tire and Loading Information placard (→ page 293).

The higher the weight of all the occupants, the smaller the maximum load for luggage.

296 Wheels and tires

Step 1

	Example 1	Example 2
Combined maximum weight of occupants and load (data from the Tire and Loading Information placard)	1500 lbs (680 kg)	1500 lbs (680 kg)

Step 2

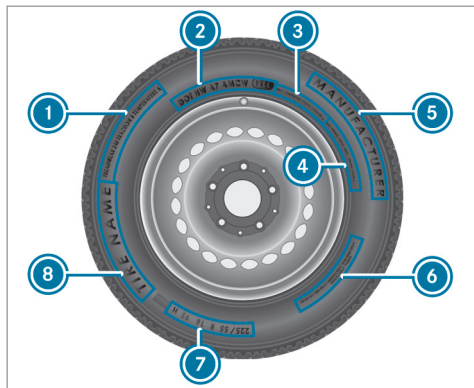
	Example 1	Example 2
Number of people in the vehicle (driver and occupants)	5	1
Distribution of the occupants	Front: 2 Rear: 3	Front: 1
Weight of occupants	Occupant 1: 150 lbs (68 kg) Occupant 2: 180 lbs (82 kg) Occupant 3: 160 lbs (73 kg) Occupant 4: 140 lbs (63 kg) Occupant 5: 120 lbs (54 kg)	Occupant 1: 200 lbs (91 kg)
Total weight of all occupants	750 lbs (340 kg)	200 lbs (91 kg)

Step 3

	Example 1	Example 2
Permissible load (maximum gross vehicle weight rating from the Tire and Loading Information placard minus the gross weight of all occupants)	1500 lbs (680 kg) - 750 lbs (340 kg) = 750 lbs (340 kg)	1500 lbs (680 kg) - 200 lbs (91 kg) = 1300 lbs (589 kg)

Tire labeling

Overview of tire labeling

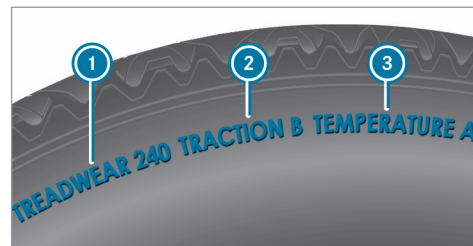


- ① Uniform Tire Quality Grading Standard (→ page 298)
- ② DOT, Tire Identification Number (→ page 299)
- ③ Maximum tire load (→ page 300)
- ④ Maximum tire pressure (→ page 300)

- ⑤ Manufacturer
- ⑥ Characteristics of the tire (→ page 301)
- ⑦ Tire size designation, load-bearing capacity, speed rating and load index (→ page 301)
- ⑧ Tire name
- ⓘ The data shown in the image is example data.

Tire Quality Grading

In accordance with the US Department of Transportation's "Uniform Tire Quality Grading Standards", tire manufacturers are required to grade their tires on the basis of the following three performance factors:



- ① Tread wear grade
- ② Traction grade
- ③ Temperature grade
- ⓘ The data shown in the illustration is example data.
- ⓘ The classification is not legally stipulated for Canada, but it is generally stated.

Tread wear grade

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1 1/2) times

as well on the government course as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate conditions.

Traction grade

⚠ DANGER Risk of accident due to inadequate traction

The traction grade assigned to this tire is based on straight-ahead braking traction tests.

- ▶ Always adapt your driving style and drive at a speed to suit the prevailing traffic and weather conditions.

! NOTE Damage to the drivetrain from wheelspin

- ▶ Avoid wheelspin.

The traction grades, from highest to lowest, are AA, A, B and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

Temperature grade

⚠ WARNING Risk of accident from tire overheating and tire failure

Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause excessive heat build-up and possible tire failure.

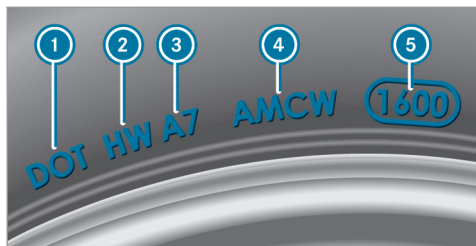
- ▶ Observe the recommended tire pressure.
- ▶ Regularly check the pressure of all the tires.
- ▶ Adjust the tire pressure, if necessary.

The temperature grades are A (the highest), B and C, representing the tire's resistance to the generation of heat and its ability to dissipate

heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

DOT, Tire Identification Number (TIN)

US tire regulations stipulate that every tire manufacturer or retreader must imprint a TIN in or on the side wall of each tire produced.



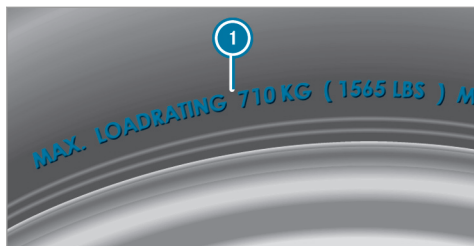
i The data shown in the image is example data.

The TIN is a unique identification number to identify tires and comprises the following:

- **DOT (Department of Transportation):** tire symbol marks **1** indicating that the tire complies with the requirements of the US Department of Transportation.
- **Manufacturer identification code:** manufacturer identification code **2** contains details of the tire manufacturer. New tires have a code with two symbols. Retreaded tires have a code with four symbols. Further information on retreaded tires (→ page 306).

- **Tire size:** identifier **3** describes the tire size.
- **Tire type code:** tire type code **4** can be used by the manufacturer as a code to describe specific characteristics of the tire.
- **Manufacturing date:** manufacturing date **5** provides information about the age of a tire. The 1st and 2nd positions represent the calendar week and the 3rd and 4th positions state the year of manufacture (e.g. "3208" represents the 32nd week of 2008).

Information on the maximum tire load



i The data shown in the image is example data.

Maximum tire load **1** is the maximum permissible weight for which the tire is approved.

Do not overload the tires by exceeding the specified load limit. The maximum permissible load can be found on the vehicle's Tire and Loading Information placard on the B-pillar on the driver's side (→ page 293).

Specifications for maximum tire pressure



i The data shown in the image is example data.

Never exceed maximum tire pressure ❶ specified for the tire.

Information on tire characteristics



❶ The data shown in the image is example data.

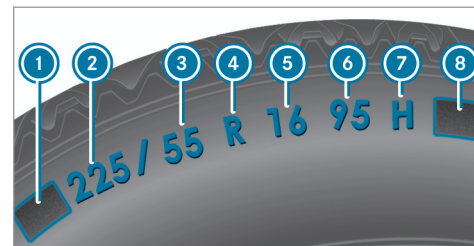
This information describes the type of tire cord and the number of layers in side wall ❶ and under tire tread ❷.

Tire size designation, load-bearing capacity, speed rating and load index

⚠ WARNING Risk of injury through exceeding the specified tire load-bearing capacity or the permissible speed rating

Exceeding the specified tire load rating or the permissible speed rating may lead to tire damage and to the tires bursting.

- ▶ Therefore, only use tire types and sizes approved for your vehicle model.
- ▶ Observe the tire load rating and speed rating required for your vehicle.



- ❶ First letter(s)
- ❷ Nominal tire width in millimeters
- ❸ Aspect ratio in %
- ❹ Tire code
- ❺ Rim diameter
- ❻ Load-bearing index
- ❼ Speed rating
- ❽ Load index

❶ The data shown in the illustration is example data.

Information about reading tire data can be obtained from any qualified specialist workshop.

First letter(s) ①:

- Without: passenger vehicle tires according to European manufacturing standards.
- "P": passenger vehicle tires according to US manufacturing standards.
- "LT": light truck tires according to US manufacturing standards.
- "T": compact emergency spare wheels with high tire pressure that are only designed for temporary use in an emergency.

Aspect ratio ②:

Ratio between tire height and tire width in percent (tire height divided by tire width).

Tire code ④ (tire type):

- "R" radial tire
- "D": bias ply tire
- "B": bias belted tires
- "ZR": radial tire with a maximum speed above 149 mph (240 km/h) (optional)

Rim diameter ⑤:

The diameter of the bead seat (not the diameter of the rim flange). The rim diameter is specified in inches (in).

Load-bearing index ⑥:

Numerical code that specifies the maximum load-bearing capacity of a tire (e.g. "91" corresponds to 1356 lbs (615 kg)).

The load-bearing capacity of the tire must be at least half the gross axle weight rating of your vehicle. Do not overload the tires by exceeding the specified load limit.

See also:

- Maximum permissible load on the Tire and Loading Information placard (→ page 293)
- Maximum tire load (→ page 300)
- Load index

Speed rating ⑦:

Specifies the approved maximum speed of the tire.

ⓘ An electronic speed limiter prevents your vehicle from exceeding a speed of 130 mph (210 km/h).

Make sure that your tires have the required speed rating. You can obtain information on the required speed rating from an authorized Mercedes-Benz Center.

Summer tires

Index	Speed rating
Q	up to 100 mph (160 km/h)
R	up to 106 mph (170 km/h)
S	up to 112 mph (180 km/h)
T	up to 118 mph (190 km/h)
H	up to 130 mph (210 km/h)
V	up to 149 mph (240 km/h)
W	up to 168 mph (270 km/h)
Y	up to 186 mph (300 km/h)

Index	Speed rating
ZR...Y ¹	up to 186 mph (300 km/h)
ZR...(..Y) ¹	over 186 mph (300 km/h)
ZR ¹	over 149 mph (240 km/h)


- Specifying the speed rating as the "ZR" index in tire code ④ is optional for tires up to 186 mph (300 km/h).
- If your tire code ④ includes "ZR" and there is no speed rating ⑦, find out what the maximum speed is from the tire manufacturer.
- If load-bearing index ⑥ and speed rating ⑦ are in brackets, the maximum speed rating of your tire is above 186 mph (300 km/h). To find out the maximum speed, ask the tire manufacturer.

¹ "ZR" stated in the tire code.

² Or "M+S"  " for winter tires.

All-weather tires and winter tires

Index	Speed rating
Q M+S ²	up to 100 mph (160 km/h)
T M+S ²	up to 118 mph (190 km/h)
H M+S ²	up to 130 mph (210 km/h)
V M+S ²	up to 149 mph (240 km/h)

Winter tires bear the  snowflake symbol and fulfill the requirements of the Rubber Manufacturers Association (RMA) and the Rubber Association of Canada (RAC) regarding the tire traction on snow.

Load index ⑧:

- No specification given: standard load (SL) tire
- "XL" or "Extra Load": extra load tire or reinforced tire
- "Light Load": light load tire

- "C", "D", "E": a load range that depends on the maximum load that the tire can carry at a certain pressure

Definition of terms for tires and loading

Tire structure and characteristics: describes the number of layers or the number of rubber-coated belts in the tire contact surface and the tire wall. These are made of steel, nylon, polyester and other materials.

Bar: metric unit for tire pressure. 14.5038 pounds per square inch (psi) and 100 kilopascal (kPa) is the equivalent of one bar.

DOT (Department of Transportation): DOT-marked tires fulfill the requirements of the US Department of Transportation.

Average weight of the vehicle occupants: the number of vehicle occupants for which the vehicle is designed, multiplied by 150 lb (68 kg).

Uniform Tire Quality Grading Standards: a uniform standard to grade the quality of tires with regard to tread quality, tire traction and temperature characteristics. The quality grading assessment is made by the manufacturer following specifications from the U.S. government. The quality grade of a tire is imprinted on the side wall of the tire.

Recommended tire pressure: the recommended tire pressure is the tire pressure specified for the tires mounted to the vehicle at the factory.

The tire and information table contains the recommended tire pressures for cold tires, the maximum permissible load and the maximum permissible vehicle speed.

The tire pressure table contains the recommended tire pressures for cold tires under various operating conditions, i.e. loading and/or speed of the vehicle.

Increased vehicle weight due to optional equipment: the combined weight of all standard and optional equipment available for the vehicle,

regardless of whether it is actually installed on the vehicle or not.

Rim: the part of the wheel on which the tire is installed.

GAWR (Gross Axle Weight Rating): the GAWR is the maximum permissible axle load. The actual load on an axle must never exceed the gross axle weight rating. The gross axle weight rating can be found on the vehicle identification plate on the B-pillar on the driver's side.

Speed rating: the speed rating is part of the tire identification. It specifies the speed range for which a tire is approved.

GVW (Gross Vehicle Weight): the gross vehicle weight comprises the weight of the vehicle including fuel, tools, the spare wheel, accessories installed, occupants, luggage and the trailer drawbar noseweight, if applicable. The gross vehicle weight must not exceed the gross vehicle weight rating GVWR as specified on the vehicle identification plate on the B-pillar on the driver's side.

GVWR (Gross Vehicle Weight Rating): the GVWR is the maximum permitted gross weight

of the fully laden vehicle (weight of the vehicle including all accessories, occupants, fuel, luggage and the trailer drawbar noseweight if applicable). The gross vehicle weight rating is specified on the vehicle identification plate on the B-pillar on the driver's side.

Maximum weight of the laden vehicle: the maximum weight is the sum of the curb weight of the vehicle, the weight of the accessories, the maximum load and the weight of optional equipment installed at the factory.

Kilopascal (kPa): metric unit for tire pressure. 6.9 kPa corresponds to 1 psi. Another unit for tire pressure is bar. 100 kilopascal (kPa) equals 1 bar.

Load index: in addition to the load-bearing index, the load index may also be imprinted on the side wall of the tire. This specifies the load-bearing capacity of the tire more precisely.

Curb weight: the weight of a vehicle with standard equipment including the maximum capacity of fuel, oil and coolant. It also includes the air conditioning system and optional equipment if

these are installed on the vehicle, but does not include passengers or luggage.

Maximum tire load: the maximum tire load is the maximum permissible weight in kilograms or lbs for which a tire is approved.

Maximum permissible tire pressure: maximum permissible tire pressure for one tire.

Maximum load on one tire: maximum load on one tire. This is calculated by dividing the maximum axle load of one axle by two.

PSI (pounds per square inch): standard unit of measurement for tire pressure.

Aspect ratio: ratio between tire height and tire width in percent.

Tire pressure: pressure inside the tire applying an outward force to every square inch of the tire. The tire pressure is specified in pounds per square inch (psi), in kilopascals (kPa) or in bar. The tire pressure should only be corrected when the tires are cold.

Cold tire pressure: the tires are cold when the vehicle has been parked for at least 3 hours

without direct sunlight on the tires or the vehicle has been driven for less than 1 mile (1.6 km).

Tire contact surface: the part of the tire that comes into contact with the road.

Tire bead: the purpose of the tire bead is to ensure that the tire sits securely on the wheel rim. There are several wire cores in the tire bead to prevent the tire from changing length on the wheel rim.

Side wall: the part of the tire between the tread and the tire bead.

Weight of optional equipment: the combined weight of the optional equipment weighing more than the replaced standard parts and more than 5 lbs (2.3 kg). This optional equipment, such as high-performance brakes, level control system, a roof luggage rack or high-performance batteries, is not included in the curb weight and the weight of the accessories.

TIN (Tire Identification Number): a unique identification number which can be used by a tire manufacturer to identify tires, for example, in a product recall, and thus identify the purchasers. The TIN is made up of the manufactur-

er's identity code, tire size, tire type code and the manufacturing date.

Load-bearing index: the load-bearing index is a code that contains the maximum load-bearing capacity of a tire.

Traction: traction is the grip resulting from friction between the tires and the road surface.

Wear indicator: narrow bars (tread wear bars) that are distributed over the tire contact surface. If the tire tread is level with the bars, the wear limit of 1/16 in (1.6 mm) has been reached.

Distribution of vehicle occupants: distribution of vehicle occupants over designated seat positions in a vehicle.

Maximum permissible payload weight: nominal load and luggage load plus 150 lb (68 kg) multiplied by the number of seats in the vehicle.

Changing a wheel

Notes on selecting, installing and replacing tires

⚠ WARNING Risk of accident due to incorrect dimensions of wheels and tires

If wheels and tires of the wrong size are installed, the wheel brakes or wheel suspension components may be damaged.

- ▶ Always replace wheels and tires with those that fulfill the specifications of the original part.

When replacing wheels, make sure to fit the correct:

- Designation
- Model

When replacing tires, make sure to install the correct:

- Designation
- Manufacturer
- Model

⚠ WARNING Risk of injury through exceeding the specified tire load-bearing capacity or the permissible speed rating

Exceeding the specified tire load rating or the permissible speed rating may lead to tire damage and to the tires bursting.

- ▶ Therefore, only use tire types and sizes approved for your vehicle model.
- ▶ Observe the tire load rating and speed rating required for your vehicle.

! NOTE Vehicle and tire damage through tire types and sizes that have not been approved

For safety reasons, only use tires, wheels and accessories which have been specially approved by Mercedes-Benz for your vehicle.

These tires are specially adapted to the control systems, such as ABS, ESP® and 4MATIC, and marked as follows:

- MO = Mercedes-Benz Original

- MOE = Mercedes-Benz Original Extended (run-flat tire only for certain wheels)
- MO1 = Mercedes-Benz Original (only certain AMG tires)

Certain characteristics, such as handling, vehicle noise emissions, consumption, etc. may otherwise be adversely affected. Furthermore, other tire sizes could result in the tires rubbing against the body and axle components when loaded. This could result in damage to the tire or the vehicle.

Only use tires, wheels and accessories that have been checked and recommended by Mercedes-Benz.

! NOTE Risk to driving safety from retreaded tires

Retreaded tires are neither tested nor recommended by Mercedes-Benz, since previous damage cannot always be detected on retreaded tires.

For this reason driving safety cannot be guaranteed.

- ▶ Do not use used tires if you have no information about their previous usage.

! **NOTE** Possible damage to wheels or tires when driving over obstacles

Large wheels have a lower tire section width. The lower the tire section width, the greater is the risk of damage to wheels or tires when driving over obstacles.

- ▶ Avoid obstacles or drive particularly carefully.

! **NOTE** Possible wheel and tire damage when parking on curbs or in potholes

Parking on curbs or in potholes may damage the wheels and tires.

- ▶ If possible, park only on flat surfaces.
- ▶ Avoid curbs and potholes when parking.

! **NOTE** Damage to electronic component parts from the use of tire-mounting tools

Vehicles with a tire pressure monitoring system: Electronic component parts are located in the wheel. Tire-mounting tools should not be used in the area of the valve.

This could otherwise damage the electronic component parts.

- ▶ Have the tires changed at a qualified specialist workshop only.

! **NOTE** Damage to summer tires at low ambient temperatures

At low ambient temperatures, tears could form when driving with summer tires, causing permanent damage to the tires.

- ▶ At temperatures below 45 °F (7 °C), use M+S tires .

Accessory parts that are not approved for your vehicle by Mercedes-Benz or are not being used correctly can impair the operating safety.

Before purchasing and using non-approved accessories, visit a qualified specialist workshop and inquire about:

- Suitability
- Legal stipulations
- Factory recommendations

! **WARNING** Risk of accident with high performance tires

There is an increased risk of skidding and hydroplaning when using sport tires on wet roads.

In addition, the tire grip is greatly reduced at a low outside temperature and tire running temperature.


- ▶ Activate ESP® and adapt your driving style accordingly.
- ▶ Use M+S tires at outside temperatures below 50 °F (10 °C).
- ▶ Only use the tires for their intended purpose.

Observe the following when selecting, installing and replacing tires:

- Furthermore, the use of certain tire types in certain regions and areas of operation can be highly beneficial.
- Only use tires and wheels of the same type (summer tires, winter tires, MOExtended tires) and the same make.
- Only install wheels of the same size on one axle (left and right).

It is only permissible to install a different wheel size in the event of a flat tire in order to drive to the specialist workshop.

- **Vehicles with a tire pressure monitoring system:** All installed wheels must be equipped with functioning sensors for the tire pressure monitoring system.
- At temperatures below 45°F (7°C) use winter tires or all-season tires marked M+S for all wheels.

Winter tires bearing the  snowflake symbol in addition to the M+S marking provide

the best possible grip in wintry road conditions.

- For M+S tires, only use tires with the same tread.
- Observe the maximum permissible speed for the M+S tires installed.


If the tire's maximum speed is below that of the vehicle, this must be indicated by an appropriate label in the driver's field of vision.

- Break in new tires at moderate speeds for the first 60 miles (100 km).
- Replace the tires after six years at the latest, regardless of wear.
- **When replacing with tires that do not feature run-flat characteristics:** vehicles with MOExtended tires are not equipped with a TIREFIT kit at the factory. Equip the vehicle with a TIREFIT kit after replacing with tires that do not feature run-flat characteristics, e.g. winter tires.

For more information on wheels and tires, contact a qualified specialist workshop.

Be sure to also observe the following further related subjects:

- Notes on tire pressure (→ page 288)
- Tire and Loading Information placard (→ page 293)
- Tire size designation, load-bearing capacity, speed rating and load index (→ page 301)
- Tire pressure table (→ page 290)
- Notes on the emergency spare wheel (→ page 315)

 **WARNING** Risk of accident caused by non-approved tire types

If you use tire types that have not been adapted to changes made to the factory speed limit, this can have the following consequences:

- The tires are not suitable for high speeds and the corresponding driving dynamics.
- The tires wear unevenly and affect the roadworthiness of the vehicle.

- ABS, ESP® and cruise control operation are restricted.

This can jeopardize road safety.

- ▶ Only use tire types that have been approved for the maximum permissible speed set and the vehicle.

Notes on rotating wheels

⚠ WARNING Risk of injury through different wheel sizes

Rotating the front and rear wheels can severely impair the driving characteristics.

The wheel brakes or suspension components may also be damaged.

- ▶ Rotate front and rear wheels only if the wheels and tires are of the same dimensions.

The wear patterns on the front and rear wheels differ:

- Front wheels wear more on the tire shoulder

- Rear wheels wear more in the center of the tire

Do not drive with tires that have too little tread depth. This significantly reduces traction on wet roads (hydroplaning).

On vehicles that have the same size front and rear wheels, rotate the wheels according to the intervals in the tire manufacturer's warranty book in your vehicle documents. If this is not available, rotate the tires every 3000 to 6000 miles (5000 to 10,000 km), depending on the wear. Ensure that the direction of rotation is maintained.

Observe the instructions and safety notes on "Changing a wheel" when doing so (→ page 310).

Notes on storing wheels

When storing wheels, observe the following notes:

- After removing wheels, store them in a cool, dry and preferably dark place.

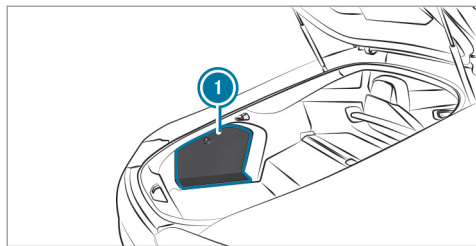
- Protect the tires from contact with oil, grease or fuel.

Overview of the tire-change tool kit

Apart from some country-specific variants, vehicles are not equipped with a tire-change tool kit. For more information on which tire-changing tools are required and approved for performing a wheel change on your vehicle, consult a qualified specialist workshop.

Required tire-changing tools may include, for example:

- Jack
- Chock
- Lug wrench
- Alignment bolt



The tire-change tool kit is located on the left side of the cargo compartment in the storage compartment behind service flap ①.

Preparing the vehicle for a wheel change

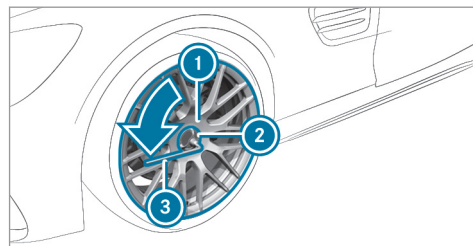
Requirements:

- The required tire-change tool kit is available. If your vehicle is not equipped with the tire-change tool kit, consult a qualified specialist workshop to find out about suitable tools.
- The vehicle is not on a slope.
- The vehicle is on solid, non-slippery and level ground.

- ▶ Apply the electric parking brake manually.
- ▶ Move the front wheels to the straight-ahead position.
- ▶ Shift the transmission to position **P**.
- ▶ Switch off the engine.
- ▶ Make sure that the engine cannot be started.
- ▶ Place chocks or other suitable items under the front and rear of the wheel that is diagonally opposite the wheel you wish to change.
- ▶ If necessary, remove the hub cap cover (→ page 310).
- ▶ Raise the vehicle (→ page 311).

Installing/removing plastic hub caps

Removing



- ▶ Remove socket ② and lug wrench ③ from the vehicle tool kit (→ page 309).
- ▶ Position socket ② on hub cap ①.
- ▶ Position wheel wrench ③ on socket ②.
- ▶ Using wheel wrench ③, turn hub cap ① counter-clockwise and remove it.

Installing

- ▶ Before installing, check hub cap ① and the wheel area for dirt, and clean if necessary.

- ▶ Position hub cap ① and turn until it is in the right position.
 - ▶ Position socket ② on hub cap ①.
 - ▶ Position lug wrench ③ on socket ② and tighten hub cap ①.
- Specified tightening torque:** 18 lb-ft (25 Nm).

Raising the vehicle when changing a wheel

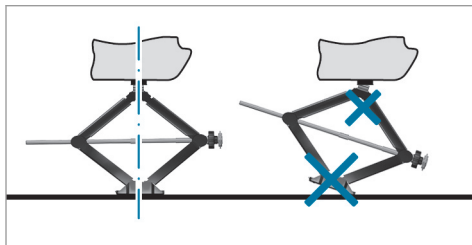
Requirements:

- There are no persons in the vehicle.
- The vehicle has been prepared for a wheel change (→ page 310).

Important notes on using the jack:

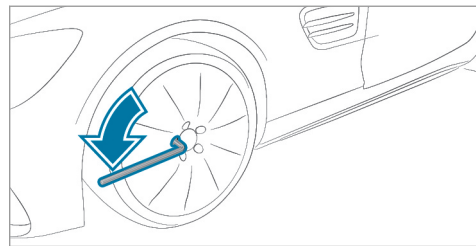
- Use only a vehicle-specific jack that has been approved by Mercedes-Benz to raise the vehicle.
- The jack is only designed for raising and holding the vehicle for a short time while a wheel is being changed and not for maintenance work under the vehicle.

- The jack must be placed on a firm, flat and non-slip surface. If necessary, use a large, flat, load-bearing, non-slip underlay.
- The jack must be positioned so that the direction of the lifting force is always vertical.

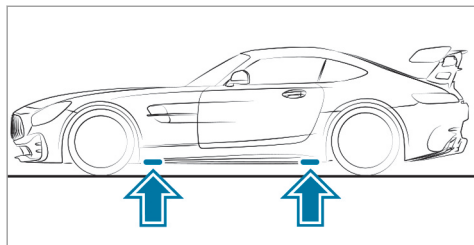


Rules of conduct when the vehicle is raised:

- Never place your hands or feet under the vehicle.
- Never lie under the vehicle.
- Do not start the engine and do not release the electric parking brake.
- Do not open or close any doors or the tail-gate.



- ▶ Using the lug wrench, loosen the wheel bolts on the wheel you wish to change by about one full turn. Do not unscrew the bolts completely.



Position of jack support points

⚠ WARNING Risk of injury through incorrect positioning of the jack

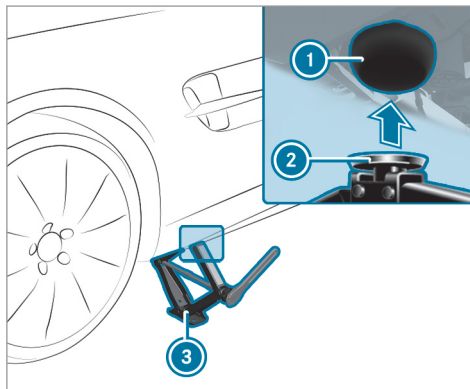
If you do not position the jack correctly at the appropriate jacking point of the vehicle, the jack could tip with the vehicle raised.

- ▶ Only position the jack at the appropriate jacking point of the vehicle.
- ▶ Position the jack so that the direction of the lifting force is always vertical.

! **NOTE** Vehicle damage from the jack

If you do not position the jack correctly at the appropriate jack support point of the vehicle, the jack could tip over with the vehicle raised.

- ▶ The jack is designed exclusively for jacking up the vehicle at the jack support points.



- ▶ Position support **2** of jack **3** on jack support point **1**.
- ▶ Raise until jack support **2** sits completely on jack support point **1** and the base of the jack lies evenly on the ground.
- ▶ Raise until the tire is raised a maximum of 1.2 in (3 cm) from the ground.
- ▶ Loosen and remove the wheel (→ page 312).

Removing a wheel

Requirements:

- The vehicle is raised (→ page 311).

Vehicles with AMG ceramic high-performance composite braking system:

! **NOTE** Damage to the ceramic brake disk when changing a wheel

Mercedes-AMG vehicles with ceramic brake disks: during removal and repositioning of the wheel, the wheel rim may strike the ceramic brake disk and damage it.

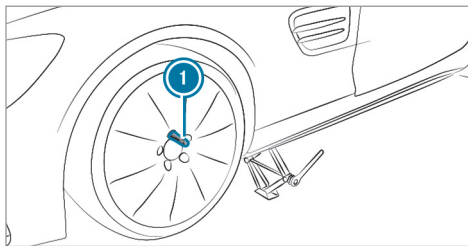
- ▶ Take particular care.
- ▶ Ask another person for assistance or use a second centering pin.

When changing a wheel, avoid applying any force to the brake discs, since this could impair the level of comfort when braking.

! **NOTE** Damage to threading from dirt on wheel bolts

- ▶ Do not place wheel bolts in sand or on a dirty surface.

- ▶ Unscrew the uppermost wheel bolt completely.



- ▶ Screw alignment bolt ① into the thread instead of the wheel bolt.
- ▶ Unscrew the remaining wheel bolts completely.
- ▶ Remove the wheel.
- ▶ Install the new wheel (→ page 313).

Installing a new wheel

Requirements:

- The wheel is removed (→ page 312).

! **WARNING** Risk of accident from losing a wheel

Oiled, greased or damaged wheel bolt/wheel nut threads or wheel hub/wheel mounting bolt threads can cause the wheel bolts/wheel nuts to come loose.

As a result, you could lose a wheel while driving.

- ▶ Never oil or grease the threads.
- ▶ In the event of damage to the threads, contact a qualified specialist workshop immediately.
- ▶ Have the damaged wheel bolts or damaged hub threads replaced.
- ▶ Do not continue driving.

- ▶ Observe the information on the choice of tires (→ page 306).

For tires with a specified direction of rotation, an arrow on the side wall of the tire indicates the correct direction of rotation. Observe the direction of rotation when installing.

! **NOTE** Damage to the ceramic brake disk when changing a wheel

Mercedes-AMG vehicles with ceramic brake disks: during removal and repositioning of the wheel, the wheel rim may strike the ceramic brake disk and damage it.

- ▶ Take particular care.
- ▶ Ask another person for assistance or use a second centering pin.

- ▶ Slide the wheel to be mounted onto the alignment bolt and push it on.
- ▶ Notes on installing an emergency spare wheel (→ page 315).

! **WARNING** Risk of injury from tightening wheel bolts and nuts

If you tighten the wheel bolts or wheel nuts when the vehicle is raised, the jack could tip.

- ▶ Only tighten wheel bolts or wheel nuts when the vehicle is on the ground.

- ▶ Be sure to observe the instructions and safety notes on "Changing a wheel" (→ page 306).
- ▶ For safety reasons, only use wheel bolts which have been approved by Mercedes-Benz and for the wheel in question.

! **NOTE** Damage to paintwork of the wheel rim when screwing on the first wheel bolt

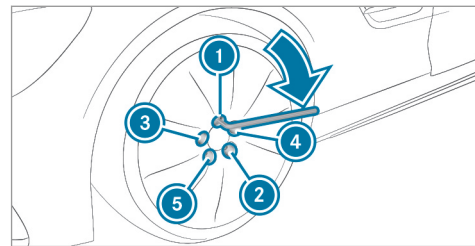
If the wheel has too much play when screwing in the first wheel bolt, the wheel rim paint can be damaged.

- ▶ Press the wheel firmly against the wheel hub when screwing on the first wheel bolt.
- ▶ Tighten the wheel bolts evenly in a diagonal pattern in the order indicated until they are finger-tight.
- ▶ Unscrew and remove the alignment bolt.
- ▶ Tighten the last wheel bolt until it is finger-tight.
- ▶ Lower the vehicle (→ page 314).

Lowering the vehicle after a wheel change

Requirements:

- The new wheel has been installed (→ page 313).
- ▶ **To lower the vehicle:** turn the crank of the jack counter-clockwise until the vehicle is once again standing firmly on the ground.



- ▶ Tighten the wheel bolts evenly in a diagonal pattern in the order indicated ① to ⑤ with an initial maximum force of 59 lb-ft (80 Nm).
- ▶ Tighten the wheel bolts evenly in a diagonal pattern in the order indicated ① to ⑤ to

the specified tightening torque of 133 lb-ft (180 Nm).

⚠ WARNING Risk of accident due to incorrect tightening torque

The wheels could come loose if the wheel bolts or wheel nuts are not tightened to the prescribed torque.

- ▶ Ensure that the wheel bolts or wheel nuts are tightened to the prescribed tightening torque.
- ▶ If you are not sure, do not move the vehicle. Contact a qualified specialist workshop and have the tightening torque checked immediately.

- ▶ Check the tire pressure of the newly installed wheel and adjust it if necessary.

▶ **Vehicles with a tire pressure monitoring system:** Restart the tire pressure monitoring system (→ page 293).

Exception: the new wheel is an emergency spare wheel.

Emergency spare wheel

Notes on the emergency spare wheel

⚠ WARNING Risk of accident caused by incorrect wheel and tire dimensions

The wheel or tire size and the tire type of the emergency spare wheel or spare wheel and the wheel to be replaced may differ. The emergency spare wheel or spare wheel can significantly impair driving characteristics of the vehicle.

To prevent hazardous situations:

- ▶ Adapt your driving style accordingly and drive carefully.
- ▶ Never install more than one emergency spare wheel or spare wheel that differs in size.
- ▶ Only use an emergency spare wheel or spare wheel of a different size briefly.
- ▶ Do not switch off ESP®.
- ▶ Have the emergency spare wheel or spare wheel of a different size replaced at the nearest qualified specialist work-

shop. The new wheel must have the correct dimensions.

Observe the following notes on installing an emergency spare wheel:

- Check the tire pressure of the emergency spare wheel installed. Correct the pressure as necessary.
- The maximum permissible speed with an emergency spare wheel installed is 50 mph (80 km/h).
- Do not install the emergency spare wheel with snow chains.
- Replace the emergency spare wheel after six years at the latest, regardless of wear.

i Vehicles with a tire pressure monitoring system: If an emergency spare wheel is installed the tire pressure monitoring system cannot function reliably. For a few minutes after an emergency spare wheel is installed, the system may still display the tire pressure of the removed wheel. Only restart the system again when the emergency spare wheel has been replaced with a new wheel.

316 Wheels and tires

Be sure to also observe the following further related subjects:

- Notes on tire pressure (→ page 288)
- Tire and Loading Information placard (→ page 293)
- Tire pressure table (→ page 290)
- Notes on installing tires (→ page 306)

Notes on technical data

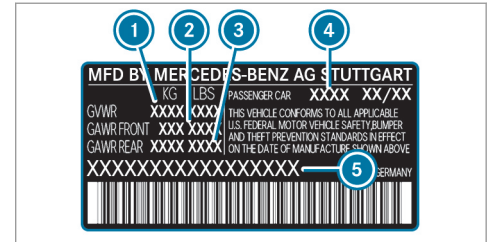
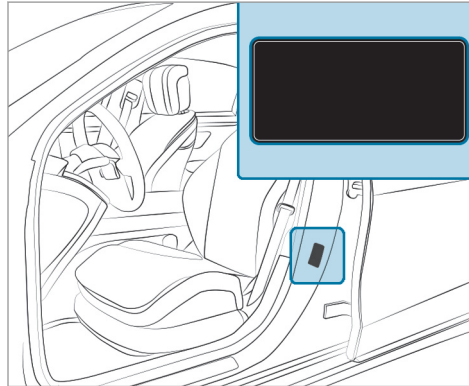
The data stated only applies to vehicles with standard equipment. You can obtain further information from an authorized Mercedes-Benz Center.

Radio operating permits for vehicle components

Manufacturer information about radio-based vehicle components can be found using the key word "Radio operating permits" in the Digital Operator's Manual in the vehicle, on the Internet and in the app.

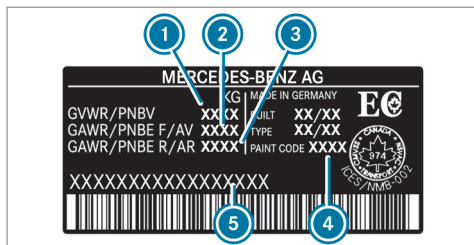
Vehicle identification plate, VIN and engine number overview

Vehicle identification plate



Vehicle identification plate (USA only)

- ① Maximum permissible gross vehicle weight
- ② Maximum permissible front axle load
- ③ Maximum permissible rear axle load
- ④ Vehicle model
- ⑤ VIN (vehicle identification number)



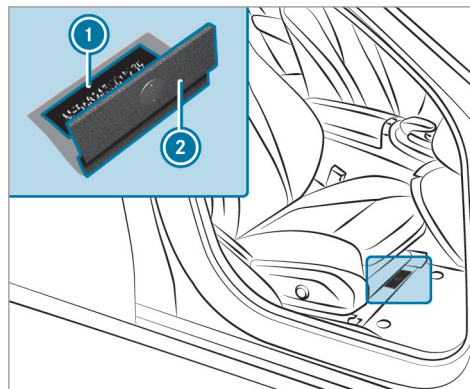
Vehicle identification plate (Canada only)

- ① Maximum permissible gross vehicle weight
- ② Maximum permissible front axle load
- ③ Maximum permissible rear axle load
- ④ Paint code
- ⑤ VIN (vehicle identification number)

The maximum permissible gross vehicle weight is made up of the vehicle weight, all vehicle occupants, the fuel and the load. The maximum gross axle weight rating is the maximum weight that can be carried on one axle (front or rear axle).

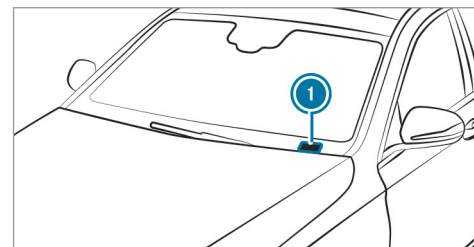
Do not exceed the maximum gross vehicle weight or the maximum gross axle weight rating for the front or rear axle.

VIN below right-hand front seat



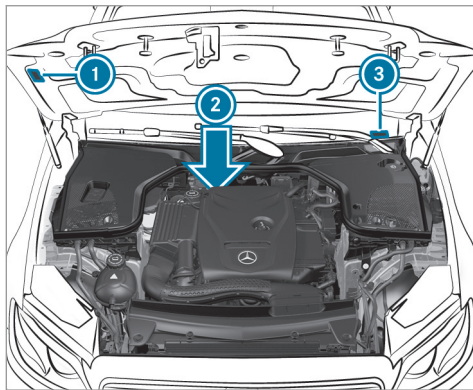
- ① Imprinted VIN (vehicle identification number)
- ② Floor covering

VIN at the lower edge of the windshield



- ① VIN (vehicle identification number) as label

Additional plates



- ① Plate with information about emissions testing, including confirmation of emissions guidelines at the U.S. federal level as well as for California
- ② Engine number stamped into the crankcase
- ③ VIN (vehicle identification number) as a label at the lower edge of the windshield

Operating fluids

Notes on operating fluids

⚠ WARNING Risk of injury from operating fluids harmful to your health

Operating fluids may be poisonous and harmful to your health.

- ▶ Observe the text on the original containers when using, storing or disposing of operating fluids.
- ▶ Always store operating fluids sealed in their original containers.
- ▶ Always keep children away from operating fluids.

🔥 ENVIRONMENTAL NOTE Environmental pollution caused by environmentally irresponsible disposal

- ▶ Dispose of operating fluids in an environmentally responsible manner.

Operating fluids include the following:

- Fuels
- Lubricants
- Coolant
- Brake fluid
- Windshield washer fluid
- Climate control system refrigerant

Only use products approved by Mercedes-Benz. Damage caused by the use of products that have not been approved is not covered by the Mercedes-Benz warranty or goodwill gestures.

The operating fluids approved by Mercedes-Benz can be identified by the following inscriptions on the container:

- MB-Freigabe (e.g. MB-Freigabe 229.51)
- MB-Approval (e.g. MB-Approval 229.51)

Further information on approved operating fluids:

- In the Mercedes-Benz Specifications for Operating Fluids by entering the designation
 - At <https://bevo.mercedes-benz.com>

320 Technical data

- In the Mercedes-Benz BeVo app
- At a qualified specialist workshop

⚠ WARNING Risk of fire or explosion from fuel

Fuels are highly flammable.

- ▶ Fire, open flames, smoking and creation of sparks must be avoided.
- ▶ Switch off the ignition and, if available, the stationary heater, before and while refueling the vehicle.

⚠ WARNING Risk of injury from fuels

Fuels are poisonous and hazardous to your health.

- ▶ Do not swallow fuel or let it come into contact with skin, eyes or clothing.
- ▶ Do not inhale fuel vapor.
- ▶ Keep children away from fuel.
- ▶ Keep doors and windows closed during the refueling process.

If you or other people come into contact with fuel, observe the following:

- ▶ Immediately rinse fuel off your skin with soap and water.
- ▶ If fuel comes into contact with your eyes, immediately rinse them thoroughly with clean water. Seek medical attention immediately.
- ▶ If you swallow fuel, seek medical attention immediately. Do not induce vomiting.
- ▶ Change immediately out of clothing that has come into contact with fuel.

Fuel

Notes on fuel grade

Observe the notes on operating fluids (→ page 319).

! NOTE Damage caused by the wrong fuel

Small amounts of the wrong fuel may cause damage to the fuel system, engine and emission control system.

Never under any circumstances refuel with any of the following fuels:

- Diesel
- Gasoline with more than 10% ethanol by volume, e.g. E15, E85, E100
- Gasoline with more than 3% methanol by volume, e.g. M15, M30, M85, M100
- Gasoline with additives containing metal

If you have refueled with the wrong fuel:

- ▶ Do not switch the ignition on.
- ▶ Consult a qualified specialist workshop.

If the available fuel is not sufficiently low in sulfur, this can produce unpleasant odors.

Refuel only with low-sulfur spark-ignition engine fuel.

This fuel may contain up to 10% ethanol by volume. Your vehicle is suitable for use with E10 fuel.

The recommended octane number for your vehicle can also be found on the information label in the fuel filler flap.

Only refuel using unleaded premium grade gasoline with at least 91 AKI/95 RON.

As a temporary measure, if the recommended fuel is not available, you may also use unleaded regular gasoline which has at least the octane number specified in the instruction label in the fuel filler flap. Otherwise engine output can be reduced and fuel consumption increased.

Never refuel using gasoline with a lower RON.

! **NOTE** Premature wear through unleaded regular gasoline

Unleaded regular gasoline can cause the engine to wear more quickly and impair longevity and performance.

If unleaded premium grade gasoline is unavailable and you have to refuel using unleaded regular gasoline:

- ▶ Only fill the fuel tank to half full with unleaded regular gasoline and refill as soon as possible with unleaded premium grade gasoline.
- ▶ Do not drive at the maximum design speed.
- ▶ Avoid sudden acceleration engine speeds over 3000 rpm.

Further information on fuel is available at the following locations:

- At a gas station
- At a qualified specialist workshop
- On the <https://www.mbusa.com> (USA only)

Notes on additives in gasoline

Observe the notes on operating fluids (→ page 319).

! **NOTE** Damage from use of unsuitable additives

Even small amounts of the wrong additive may lead to malfunctions occurring.

- ▶ Only add cleaning additives recommended by Mercedes-Benz to the fuel.

Mercedes-Benz recommends that you use brand-name fuels with additives.

In some countries, the fuel available may not have sufficient additives. Residue could build up in the fuel injection system as a result. In this case, in consultation with an authorized Mercedes-Benz Center, mix the fuel with the cleaning additive recommended by Mercedes-Benz. Observe the notes and mixing ratios indicated on the tank.

Tank content and reserve fuel

The total capacity of the fuel tank may vary, depending on the vehicle equipment.

Model	Total capacity
Mercedes-AMG GT Black Series	19.8 gal (75.0 liters)
Model	of which reserve fuel
Mercedes-AMG GT Black Series	3.2 gal (12.0 liters)

Engine oil

Notes on engine oil

Observe the notes on operating fluids (→ page 319).



! **NOTE** Engine damage caused by an incorrect oil filter, incorrect oil or additives

- ▶ Do not use engine oils or oil filters other than those which meet the specifications necessary for the prescribed service intervals.
- ▶ Do not alter the engine oil or oil filter in order to achieve longer change intervals than prescribed.
- ▶ Do not use additives.
- ▶ Have the engine oil changed after the prescribed intervals.

Mercedes-Benz recommends that you have the oil change carried out at a qualified specialist workshop.

Quality and capacity of engine oil

Model	MB-Freigabe or MB-Approval
Mercedes-AMG GT Black Series	229.5 229.51*

* Recommended for lowest possible fuel consumption (lowest SAE viscosity class in each case; observe possible restrictions of the approved SAE viscosity classes).

To achieve the lowest possible fuel consumption, it is recommended to use the engine oil specifications marked in the table for the lowest SAE viscosity class. Possible restrictions of the approved SAE viscosity classes must be observed.

Only use SAE 0W-40 or SAE 5W-40 viscosity class engine oils.

The following values refer to an oil change, including the oil filter.

Model	Capacity
Mercedes-AMG GT Black Series	1.8 gal (7.0 liters)

Notes on brake fluid

Observe the notes on operating fluids (→ page 319).

⚠ WARNING Risk of an accident due to vapor pockets forming in the brake system

The brake fluid constantly absorbs moisture from the air. This lowers the boiling point of the brake fluid. If the boiling point is too low, vapor pockets may form in the brake system when the brakes are applied hard.

This causes the braking effect to be impaired.

▶ Have the brake fluid renewed at the specified intervals.

Have the brake fluid regularly replaced at a qualified specialist workshop. Only use a brake fluid approved by Mercedes-Benz according to MB-Freigabe or MB-Approval 331.0.

Coolant

Notes on coolant

Observe the notes on operating fluids (→ page 319).

⚠ WARNING - Risk of fire and injury from antifreeze

If antifreeze comes into contact with hot component parts in the engine compartment, it may ignite.

- ▶ Allow the engine to cool down before adding antifreeze.
- ▶ Make sure that no antifreeze spills out next to the filler opening.

▶ Thoroughly clean off any antifreeze from component parts before starting the vehicle.

! NOTE Damage caused by incorrect coolant

▶ Only use coolant that has been pre-mixed with the required antifreeze protection.

Information on coolant is available at the following locations:

- In the Mercedes-Benz Specifications for Operating Fluids 310.1
 - At <https://bevo.mercedes-benz.com>
 - In the Mercedes-Benz BeVo app
- At a qualified specialist workshop

! NOTE Overheating at high outside temperatures

If an inappropriate coolant is used, the engine cooling system is not sufficiently pro-

tected against overheating and corrosion at high outside temperatures.

- ▶ Always use coolant approved by Mercedes-Benz.
- ▶ Observe the instructions in the Mercedes-Benz Specifications for Operating Fluids 310.1.

Have the coolant regularly replaced at a qualified specialist workshop.

Proportion of antifreeze concentrate in the engine cooling system:

- A minimum of 50% (antifreeze protection down to approximately -35°F (-37°C))
- A maximum of 55% (antifreeze protection down to -49°F (-45°C))

Coolant capacity

Model	Capacity
Mercedes-AMG GT Black Series	13.3 US qt (12.6 liters)

Notes on windshield washer fluid

Observe the notes on operating fluids (→ page 319).

⚠ WARNING - Risk of fire and injury from windshield washer concentrate

Windshield washer concentrate is highly flammable. It could ignite if it comes into contact with hot engine component parts or the exhaust system.

- ▶ Make sure that no windshield washer concentrate spills out next to the filler opening.

! NOTE Damage to the exterior lighting due to unsuitable windshield washer fluid

Unsuitable windshield washer fluid may damage the plastic surface of the exterior lighting.

- ▶ Only use windshield washer fluid which is also suitable for use on plastic surfaces, e.g. MB SummerFit or MB WinterFit.

! NOTE Blocked spray nozzles caused by mixing windshield washer fluids

- ▶ Do not mix MB SummerFit and MB WinterFit with other windshield washer fluids.

Do not use distilled or de-ionized water. Otherwise, the fill level sensor may be triggered erroneously.

Recommended windshield washer fluid:

- Above freezing point: e.g. MB SummerFit
- Below freezing point: e.g. MB WinterFit

For the correct mixing ratio, refer to the information on the antifreeze container.

Mix washer fluid with windshield washer fluid all year round.

Refrigerant

Notes on refrigerant

Observe the notes on operating fluids (→ page 319).

! NOTE Damage due to incorrect refrigerant

If a non-approved refrigerant is used, the climate control system may be damaged.

- ▶ **USA/China:** Use only R-134a refrigerant.
- ▶ **Canada:** Use only R-1234yf refrigerant.

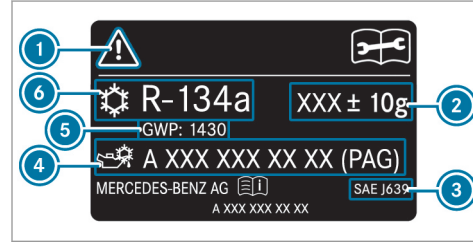
! NOTE Damage to the climate control system due to incorrect refrigerant compressor oil

- ▶ Only use refrigerant compressor oil that has been approved by Mercedes-Benz.
- ▶ Do not mix the approved refrigerant compressor oil with a different refrigerant compressor oil.

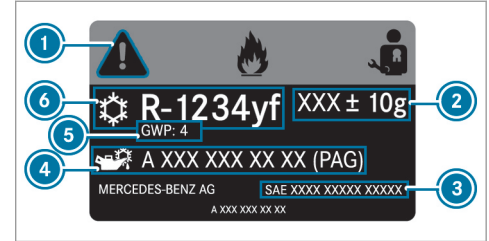
Work on the climate control system may be carried out only by a qualified specialist workshop. All applicable regulations, as well as SAE standard J639, must be adhered to.

The information label on the climate control system for the refrigerant type and the refrigerant

compressor oil is located on the inside of the hood.



- Information label (example - USA/China)
- ① Hazard and service warning symbols
 - ② Refrigerant filling capacity
 - ③ Applicable standards
 - ④ PAG oil part number
 - ⑤ GWP (Global Warming Potential) of the refrigerant used
 - ⑥ Refrigerant type



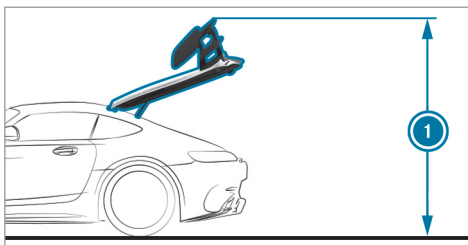
- Information label (example - Canada)
- ① Hazard and service warning symbols
 - ② Refrigerant filling capacity
 - ③ Applicable standards
 - ④ PAG oil part number
 - ⑤ GWP (Global Warming Potential) of the refrigerant used
 - ⑥ Refrigerant type

Symbols ① indicate the following:

- Possible dangers
- The need to have service work carried out at a qualified specialist workshop only

Filling capacity for refrigerant and PAG oil

Model	Refrigerant
Mercedes-AMG GT Black Series	19.4 ± 0.4 oz (550 ± 10 g)
Model	PAG oil
Mercedes-AMG GT Black Series	4.2 ± 0.4 oz (120 ± 10 g)



Height when opened

Model	① Height when opened
Mercedes-AMG GT Black Series	89.7 in (2279 mm) up to maximum 90.4 in (2295 mm)

Missing values were not available at the time of going to press.

Vehicle data

Vehicle dimensions

The heights specified may vary as a result of the following factors:

- Tires
- Load
- Condition of the suspension
- Optional equipment

Vehicle dimensions

Mercedes-AMG GT Black Series	
Vehicle length	181.3 in (4604 mm)
Vehicle width including outside mirrors	81.7 in (2075 mm)
Vehicle height	50.4 in (1280 mm)
Wheelbase	103.7 in (2635 mm)
Turning radius	

Weights and loads

Please note the following for the specified vehicle data:

- Items of optional equipment increase the curb weight and reduce the payload.

Model	Maximum roof load
Mercedes-AMG GT Black Series	0 lb (0 kg)

Maximum design speeds

Missing values were not available at the time of going to press.

Maximum design speeds

Mercedes-AMG GT Black Series	
1st gear	47 mph (76 km/h)
2nd gear	67 mph (107 km/h)
3rd gear	90 mph (144 km/h)
4th gear	113 mph (182 km/h)
5th gear	141 mph (227 km/h)
6th gear	173 mph (278 km/h)
7th gear	

Display messages

Introduction



Notes about display messages


Display messages appear on the multifunction display.


Display messages with graphic symbols are simplified in the Operator's Manual and may differ from the symbols on the multifunction display. The multifunction display shows high-priority display messages in red. Certain display messages are accompanied by a warning tone.


Please act in accordance with the display messages and follow the additional notes in the Operator's Manual.

For some display messages, a symbol will also be shown:

-  Further information
-  Hide display message

With the left-hand Touch Control, you can select the respective symbol by swiping to the left or right. Press the  symbol to show further infor-

mation on the media display. Press the  symbol to hide the display message.

You can hide low-priority display messages by pressing the  button or the left-hand Touch Control. The display messages will then be stored in the message memory.

Rectify the cause of a display message as quickly as possible.


High-priority display messages cannot be hidden. The multifunction display shows these display messages continuously until the cause of the display message has been rectified.



Calling up saved display messages

On-board computer:




 [Service](#)  [1 Message](#)

If there are no display messages, [No Messages](#) will appear on the multifunction display.

 Scroll through the display messages by swiping upwards or downwards on the left-hand Touch Control.

 **To exit the message memory:** press the  button.

Occupant safety




Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 384 445 433">SRS Malfunction Service Required</p>	<p data-bbox="524 291 1068 317">* The restraint system is malfunctioning (→ page 31).</p> <div data-bbox="547 332 1698 449" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="565 342 1286 368">▲ WARNING Risk of injury due to malfunctions in the restraint system</p> <p data-bbox="565 381 1655 407">Components in the restraint system may be activated unintentionally or not deploy as planned in an accident.</p> <p data-bbox="565 417 1548 443">► Have the restraint system checked and repaired immediately at a qualified specialist workshop.</p> </div>
 <p data-bbox="195 563 473 612">Front Left Malfunction Service Required (example)</p>	<p data-bbox="524 470 1215 496">* The corresponding restraint system is malfunctioning (→ page 31).</p> <div data-bbox="547 511 1698 628" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="565 522 1286 548">▲ WARNING Risk of injury due to malfunctions in the restraint system</p> <p data-bbox="565 560 1655 586">Components in the restraint system may be activated unintentionally or not deploy as planned in an accident.</p> <p data-bbox="565 596 1548 622">► Have the restraint system checked and repaired immediately at a qualified specialist workshop.</p> </div>
 <p data-bbox="195 742 436 814">Left Side Curtain Airbag Malfunction Service Required (example)</p>	<p data-bbox="524 649 1276 675">* The corresponding window curtain airbag is malfunctioning (→ page 31).</p> <div data-bbox="547 691 1698 832" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="565 701 1493 727">▲ WARNING Risk of injury or fatal injury due to a malfunction in the window curtain airbag</p> <p data-bbox="565 739 1655 786">The window curtain airbag might be triggered unintentionally or might not be triggered at all in the event of an accident.</p> <p data-bbox="565 796 1609 822">► Have the window curtain airbag checked and repaired immediately at a qualified specialist workshop.</p> </div>




330 Display messages and warning/indicator lamps

Display messages	Possible causes/consequences and ► Solutions
<p>Front Passenger Airbag Disabled See Operator's Manual</p>	<p>* The front passenger airbag and the front passenger knee airbag have been disabled even though an adult or a person of adult build is on the front passenger seat. If additional forces are applied to the seat, the weight the system detects may be too low.</p> <div data-bbox="495 344 1646 550" style="border: 1px solid gray; padding: 5px;"><p>▲ WARNING Risk of injury or fatal injury due to a disabled front passenger airbag</p><p>If the front passenger airbag is disabled, the front passenger airbag will not be deployed in the event of an accident and cannot perform its intended protective function.</p><p>A person in the front passenger seat could then, for example, come into contact with the vehicle's interior, especially if the person is sitting too close to the cockpit.</p><p>► Make sure, both before and during the journey, that the status of the front passenger airbag is correct.</p></div> <ul style="list-style-type: none">► Stop the vehicle immediately in accordance with the traffic conditions.► Make sure that no objects are trapped under the front passenger seat.► Check the status of automatic front passenger airbag actuation (→ page 41).► If necessary, consult a qualified specialist workshop immediately.
<p>Front Passenger Airbag Enabled See Operator's Manual</p>	<p>* The front passenger airbag and the front passenger knee airbag will be enabled while the vehicle is in motion in the following situations:</p> <ul style="list-style-type: none">• Even when a child, a person of smaller stature or an object weighing less than the system weight threshold is located on the front passenger seat• Even when the front passenger seat is not occupied




Display messages	Possible causes/consequences and ► Solutions
	<p>The system may detect objects or forces that are adding to the weight applied to the seat.</p> <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p>▲ WARNING Risk of injury or fatal injury when using a child restraint system while the front passenger airbag is enabled</p> <p>If you secure a child in a child restraint system on the front passenger seat and the front passenger airbag is enabled, the front passenger airbag may deploy in the event of an accident. The child could be struck by the airbag.</p> <p>► Both before and during the journey, ensure that the status of the front passenger airbag is correct.</p> <p>NEVER use a child restraint system facing to the rear on a seat with an ACTIVATED FRONT AIRBAG. DEATH or SERIOUS INJURY to the child can occur.</p> </div> <ul style="list-style-type: none"> ► Stop the vehicle immediately in accordance with the traffic conditions. ► Make sure that no objects are trapped under the front passenger seat. ► Check the status of automatic front passenger airbag actuation (→ page 41). ► If necessary, consult a qualified specialist workshop immediately.
PRE-SAFE Inoperative See Operator's Manual	<p>* The PRE-SAFE® functions are malfunctioning.</p> <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.




SmartKey

Display messages	Possible causes/consequences and ► Solutions
 Obtain a New Key	<ul style="list-style-type: none">* The SmartKey needs to be replaced.<ul style="list-style-type: none">► Consult a qualified specialist workshop.
 Replace Key Battery	<ul style="list-style-type: none">* The SmartKey battery is discharged.<ul style="list-style-type: none">► Replace the battery (→ page 54).
 Key Not Detected (white display message)	<ul style="list-style-type: none">* The SmartKey is currently undetected.<ul style="list-style-type: none">► Change the location of the SmartKey in the vehicle.► If the SmartKey is still not recognized, start the vehicle with the SmartKey (→ page 95).

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 344 463 394">Key Not Detected (red display message)</p>	<p data-bbox="522 249 1252 273">* The SmartKey cannot be detected and may no longer be in the vehicle.</p> <p data-bbox="543 283 1252 307">The SmartKey is no longer in the vehicle and you switch off the engine:</p> <ul data-bbox="543 318 953 377" style="list-style-type: none"> <li data-bbox="543 318 931 341">• You can no longer start the engine. <li data-bbox="543 352 953 377">• You cannot centrally lock the vehicle. <p data-bbox="543 394 1005 418">► Ensure that the SmartKey is in the vehicle.</p> <p data-bbox="543 446 1434 470">If the SmartKey detection function has a malfunction due to a strong radio signal source:</p> <ul data-bbox="543 480 1286 539" style="list-style-type: none"> <li data-bbox="543 480 1286 504">► Stop the vehicle immediately in accordance with the traffic conditions. <li data-bbox="543 514 1075 539">► Start the vehicle with the SmartKey (→ page 95).
 <p data-bbox="195 652 297 676">Insert Key</p>	<p data-bbox="522 557 981 581">* The SmartKey is not detected continuously.</p> <p data-bbox="543 591 1517 615">Detection of the SmartKey is temporarily malfunctioning or faulty. A warning tone will also sound.</p> <ul data-bbox="543 625 1341 684" style="list-style-type: none"> <li data-bbox="543 625 1341 649">► Insert the SmartKey in the ignition lock and turn to the desired key position. <li data-bbox="543 659 977 684">► Consult a qualified specialist workshop.
 <p data-bbox="195 795 417 819">Don't Forget Your Key</p>	<p data-bbox="522 700 1696 724">* A warning tone also sounds. This message reminds you to take your SmartKey with you when you leave the vehicle.</p>

Lights


Display messages	Possible causes/consequences and ► Solutions
 <p>Check Left Low Beam (example)</p>	<ul style="list-style-type: none"> * The corresponding light source is faulty. <ul style="list-style-type: none"> ► Drive on carefully. ► Consult a qualified specialist workshop immediately. ⓘ LED light sources: the display message for the corresponding light appears only when all the light-emitting diodes in the light are faulty.
 <p>Malfunction See Operator's Manual</p>	<ul style="list-style-type: none"> * The exterior lighting is malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
 <p>Automatic Headlamp Mode Inoperative</p>	<ul style="list-style-type: none"> * The light sensor is malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.



Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 342 421 366">Switch On Headlamps</p>	<p data-bbox="519 249 999 273">* You are driving without low-beam headlamps.</p> <p data-bbox="543 283 1082 307">► Turn the light switch to the  or AUTO position.</p>
 <p data-bbox="195 484 371 508">Switch Off Lights</p>	<p data-bbox="519 391 1166 415">* You are leaving the vehicle and the lights are still switched on.</p> <p data-bbox="543 425 999 449">► Turn the light switch to the AUTO position.</p>
<p data-bbox="195 533 463 609">Adaptive Highbeam Assist Currently Unavailable See Operator's Manual</p>	<p data-bbox="519 533 1073 557">* Adaptive Highbeam Assist is temporarily unavailable.</p> <p data-bbox="543 567 1055 591">The system limits have been reached (→ page 82).</p> <p data-bbox="543 601 1655 653">Once the cause of the problem is no longer present, the system will be available again. The Adaptive Highbeam Assist Now Available display message will appear.</p> <p data-bbox="543 664 667 687">► Drive on.</p>
<p data-bbox="195 705 463 754">Adaptive Highbeam Assist Inoperative</p>	<p data-bbox="519 705 990 729">* Adaptive Highbeam Assist is malfunctioning.</p> <p data-bbox="543 739 975 763">► Consult a qualified specialist workshop.</p>
<p data-bbox="195 778 463 853">Adaptive Highbeam Assist Camera View Restricted See Operator's Manual</p>	<p data-bbox="519 778 1018 801">* The camera view is restricted. Possible causes:</p> <ul data-bbox="543 812 1101 871" style="list-style-type: none"> <li data-bbox="543 812 1101 836">• Dirt on the windshield in the camera's field of vision <li data-bbox="543 846 814 870">• Heavy rain, snow or fog


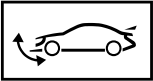
336 Display messages and warning/indicator lamps



Display messages	Possible causes/consequences and ► Solutions
	<p>Driving systems and driving safety systems may be malfunctioning or temporarily unavailable.</p> <p>Once the cause of the problem is no longer present, the driving systems and driving safety systems will be available again.</p> <p>If the display message does not disappear:</p> <ul style="list-style-type: none">► Stop the vehicle in accordance with the traffic conditions.► Clean the windshield.
Hazard Warning Flashers Malfunctioning	<ul style="list-style-type: none">* The hazard warning lamp switch is malfunctioning.► Consult a qualified specialist workshop.

Vehicle

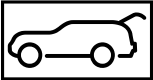

Display messages	Possible causes/consequences and ► Solutions
 <p>Vehicle Ready to Drive Switch the Ignition Off Before Exiting</p>	<ul style="list-style-type: none">* You are leaving the vehicle when it is in a ready-to-drive state.► When you leave the vehicle, switch off the ignition, secure the vehicle against rolling away and take the Smart-Key with you.► If you do not leave the vehicle, switch off the electrical consumers, e.g. the seat heating. Otherwise, the 12 V battery may discharge and it will then be possible to start the vehicle only with the aid of a second battery (starting assistance).

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 344 449 420">Steering Malfunction Increased Physical Effort See Operator's Manual</p>	<p data-bbox="524 249 1031 275">* The power steering assistance is malfunctioning.</p> <div data-bbox="561 298 1698 443" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="561 301 1297 327">▲ WARNING Risk of an accident due to altered steering characteristics</p> <p data-bbox="561 339 1635 365">If the power assistance of the steering fails partially or completely, you will need to use more force to steer.</p> <ul style="list-style-type: none"> <li data-bbox="561 376 1045 401">▶ If safe steering is possible, drive on carefully. <li data-bbox="561 412 1193 438">▶ Visit or consult a qualified specialist workshop immediately. </div>
 <p data-bbox="195 557 460 632">Steering Malfunction Stop Immediately See Operator's Manual</p>	<p data-bbox="524 462 1289 487">* The steering is malfunctioning. Steering capability is significantly impaired.</p> <div data-bbox="561 510 1698 679" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="561 513 1204 539">▲ WARNING Risk of accident if steering capability is impaired</p> <p data-bbox="561 552 1461 578">If the steering does not function as intended, the vehicle's operating safety is jeopardized.</p> <ul style="list-style-type: none"> <li data-bbox="561 588 1635 640">▶ Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. <li data-bbox="561 650 994 676">▶ Consult a qualified specialist workshop. </div>
<p data-bbox="195 700 467 752">Electronic Rear Axle Differential Lock Inoperative</p>	<p data-bbox="524 700 986 726">* The electronic locking differential has failed.</p> <ul style="list-style-type: none"> <li data-bbox="543 736 975 762">▶ Consult a qualified specialist workshop.
<p data-bbox="195 778 467 850">Electronic Rear Axle Differential Lock Currently Unavailable</p>	<p data-bbox="524 778 1023 803">* The electronic locking differential is overheated.</p> <ul style="list-style-type: none"> <li data-bbox="543 814 1282 840">▶ Let the electronic locking differential cool down by driving defensively.

Display messages	Possible causes/consequences and ► Solutions
 <p>Traction Control Inoperative See Operator's Manual</p>	<ul style="list-style-type: none"> * The traction control is malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
 <p>Front diffuser extended Reduced ground clearance! See Operator's Manual</p>	<ul style="list-style-type: none"> * The front diffuser is extended. <ul style="list-style-type: none"> ► Retract the front diffuser when you drive on public roads (→ page 133).
<p>Rear Spoiler Control System Inoperative</p>	<ul style="list-style-type: none"> * The rear wing cannot reach the end position during retraction and extends again if possible. The vehicle's speed may be restricted. If retraction of the rear wing is blocked, e.g. by ice: <ul style="list-style-type: none"> ► Ensure that the cause of the blockage has been removed. ► Switch off the engine and lock the vehicle. ► Start the vehicle after a few minutes. The rear wing will move to the original position. <p>If the problem persists or the cause cannot be detected:</p>

Display messages	Possible causes/consequences and ► Solutions
<p>Rear Spoiler Inoperative Limit ### mph</p>	<ul style="list-style-type: none"> ► Consult a qualified specialist workshop. <p>* The vehicle's speed is limited to the value displayed. Therefore, the rear wing cannot reach the end position during extension and only extends as far as is possible.</p> <p>If extension of the rear wing is blocked, e.g. by ice:</p> <ul style="list-style-type: none"> ► Ensure that the cause of the blockage has been removed. ► Switch off the engine and lock the vehicle. ► Start the vehicle after a few minutes. The rear wing will move to the original position. <p>If the problem persists or the cause cannot be detected:</p> <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
	<p>* At least one door is open.</p> <ul style="list-style-type: none"> ► Close all doors.
	<p>* The hood is open.</p> <div style="background-color: #e0e0e0; padding: 5px; margin-top: 10px;"> <p>⚠ WARNING Risk of accident due to driving with the hood unlocked</p> </div> <p>The hood may open and block your view.</p> <ul style="list-style-type: none"> ► Never release the hood when driving.




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Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none">▶ Before every trip, ensure that the hood is locked.▶ Stop the vehicle immediately, paying attention to road and traffic conditions.▶ Close the hood.
	<p>* The tailgate is open.</p> <p>▲ DANGER Risk of exhaust gas poisoning</p> <p>Combustion engines emit poisonous exhaust gases such as carbon monoxide. Exhaust gases can enter the vehicle interior if the tailgate is open when the engine is running, especially if the vehicle is in motion.</p> <ul style="list-style-type: none">▶ Always switch off the engine before opening the tailgate.▶ Never drive with the tailgate open. <p>▶ Close the tailgate.</p>
 <p>Check Washer Fluid</p>	<p>* The washer fluid level in the washer fluid reservoir has dropped below the minimum.</p> <ul style="list-style-type: none">▶ Add washer fluid (→ page 263).

Engine

Display messages	Possible causes/consequences and ► Solutions
<p>To switch engine off, press and hold Start/Stop button for at least 3 secs. or press 3 times.</p>	<ul style="list-style-type: none"> * You have pressed the start/stop button while the vehicle is in motion. <ul style="list-style-type: none"> ► Information about switching off the engine while driving (→ page 94).
<div data-bbox="205 422 362 505" data-label="Image"> </div> <p data-bbox="195 510 449 560">Check Coolant Level See Operator's Manual</p>	<ul style="list-style-type: none"> * The coolant level is too low. <div data-bbox="565 467 1696 547" style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p>! NOTE Engine damage due to insufficient coolant</p> <ul style="list-style-type: none"> ► Avoid long journeys with insufficient coolant. </div> <ul style="list-style-type: none"> ► Add coolant (→ page 262). ► Have the engine cooling system checked at a qualified specialist workshop.
<div data-bbox="205 640 362 723" data-label="Image"> </div> <p data-bbox="195 728 473 778">Coolant Too Hot Stop Vehicle Turn Engine Off</p>	<ul style="list-style-type: none"> * The coolant is too hot. <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. <div data-bbox="565 726 1696 868" style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p>! WARNING Danger of burns when opening the hood</p> <p>If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.</p> <ul style="list-style-type: none"> ► Before opening the hood, allow the engine to cool down. </div>

342 Display messages and warning/indicator lamps



Display messages	Possible causes/consequences and ► Solutions
	<p>► In the event of a fire in the engine compartment, keep the hood closed and call the fire service.</p> <ul style="list-style-type: none">► Wait until the engine has cooled down.► Make sure that the air supply to the radiator is not obstructed.► Avoiding high loads on the engine, drive to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below the red marking.
	<p>* The fan motor is faulty.</p> <ul style="list-style-type: none">► Avoiding high loads on the engine, drive to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below the red marking.
 <p>Fuel Level Low</p>	<p>* The fuel supply has dropped into the reserve range.</p> <ul style="list-style-type: none">► Refuel.
 <p>Gas Cap Loose</p>	<p>* The fuel filler cap is not closed correctly or the fuel system is leaking.</p> <ul style="list-style-type: none">► Close the fuel filler cap.► If the fuel filler cap was already properly closed: consult a qualified specialist workshop.

Transmission





Display messages	Possible causes/consequences and ► Solutions
Only Shift to 'P' when Vehicle is Stationary	<ul style="list-style-type: none"> * Park position P can be engaged only when the vehicle is stationary. <ul style="list-style-type: none"> ► To stop, depress the brake pedal. ► Shift the transmission to park position P while the vehicle is stationary.
Apply Brake to Shift from 'P'	<ul style="list-style-type: none"> * You have attempted to shift the transmission out of park position P and into another transmission position. <ul style="list-style-type: none"> ► Depress the brake pedal. ► Select transmission position D, R or neutral N.
To Deselect P or N, Depress Brake and Start Engine	<ul style="list-style-type: none"> * You have attempted to shift the transmission out of park position P or neutral N and into another transmission position. <ul style="list-style-type: none"> ► Depress the brake pedal. ► Start the engine. ► Change the transmission position.
Apply Brake to Shift to 'R'	<ul style="list-style-type: none"> * You have attempted to select transmission position R. <ul style="list-style-type: none"> ► Depress the brake pedal. ► Select transmission position R.
Driver's Door Open & Transmission Not in P Risk of Vehicle Rolling Away	<ul style="list-style-type: none"> * The driver's door is not fully closed and transmission position D, R or neutral N is selected. <ul style="list-style-type: none"> ► Select park position P when switching off the vehicle.









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Display messages	Possible causes/consequences and ► Solutions
N Permanently Active Risk of Rolling Away	<ul style="list-style-type: none">* While the vehicle is rolling or while you are driving, neutral N has been engaged.<ul style="list-style-type: none">► To stop, depress the brake pedal.► Shift the transmission to park position P while the vehicle is stationary.► To continue driving, select transmission position D or R.
Service Required Do Not Shift Gears Visit Dealer	<ul style="list-style-type: none">* The transmission is malfunctioning. The transmission position can no longer be changed.<ul style="list-style-type: none">► When transmission position D is selected, consult a qualified specialist workshop and do not change the transmission position.► For all other transmission positions, park the vehicle safely.► Consult a qualified specialist workshop or breakdown service.
Reversing Not Possible Service Required	<ul style="list-style-type: none">* The transmission is malfunctioning. The transmission position R cannot be selected.<ul style="list-style-type: none">► Consult a qualified specialist workshop.
Transmission Malfunction Stop	<ul style="list-style-type: none">* The transmission is malfunctioning. The transmission shifts to neutral N automatically.<ul style="list-style-type: none">► Stop the vehicle immediately in accordance with the traffic conditions.► Depress the brake pedal.► Engage park position P.► Consult a qualified specialist workshop.





Display messages	Possible causes/consequences and ► Solutions
<p>Stop Vehicle Leave Engine Running Wait Transmission Cooling</p>	<ul style="list-style-type: none"> * The transmission is overheating. Pulling away may be temporarily impaired or not possible. <ul style="list-style-type: none"> ► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. ► Leave the engine running. ► Wait until the display message disappears before pulling away.
 <p>Transmission Oil Cooling Malfunction</p>	<ul style="list-style-type: none"> * The transmission's coolant pump is faulty. The transmission may overheat. <ul style="list-style-type: none"> ► Select the Performance menu in the on-board computer and check the transmission oil temperature . ► Avoid a high load with a dynamic driving style. ► If transmission oil temperatures are below 248 °F (120 °C), drive on to the nearest qualified specialist workshop.
 <p>Transmission Oil Overheated Drive with Caution</p>	<ul style="list-style-type: none"> * Transmission position M and the temporary manual driving program are no longer available. The engine output is reduced depending on the overheating. <ul style="list-style-type: none"> ► Let the transmission oil cool down by driving defensively until the display message disappears.
<p>Auxiliary Battery Malfunction</p>	<ul style="list-style-type: none"> * The auxiliary battery for the transmission is no longer being charged. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop. ► Until then, always select park position P manually before you switch off the engine. ► Before leaving the vehicle, apply the electric parking brake.



Brakes


Display messages	Possible causes/consequences and ► Solutions
<div data-bbox="155 294 310 373" data-label="Image"> </div> <p data-bbox="155 381 260 408">(USA only)</p> <div data-bbox="155 420 310 500" data-label="Image"> </div> <p data-bbox="155 508 291 535">(Canada only)</p> <p data-bbox="144 542 408 593">Parking Brake See Operator's Manual</p>	<p data-bbox="476 288 1313 314">* The yellow  indicator lamp is lit. The electric parking brake is malfunctioning.</p> <p data-bbox="495 322 593 349">To apply:</p> <ul data-bbox="495 356 1097 418" style="list-style-type: none"> <li data-bbox="495 356 975 383">► Switch the ignition off and switch it back on. <li data-bbox="495 390 1097 418">► Apply the electric parking brake manually (→ page 120). <p data-bbox="495 442 1036 469">If it is not possible to apply the electric parking brake:</p> <ul data-bbox="495 476 1227 538" style="list-style-type: none"> <li data-bbox="495 476 925 503">► Consult a qualified specialist workshop. <li data-bbox="495 510 1227 538">► Where necessary, also secure the parked vehicle against rolling away. <p data-bbox="476 545 1641 597">* The yellow  indicator lamp and the red  (USA only) or  (Canada only) indicator lamp are lit. The electric parking brake is malfunctioning.</p> <p data-bbox="495 605 611 631">To release:</p> <ul data-bbox="495 639 1121 701" style="list-style-type: none"> <li data-bbox="495 639 975 666">► Switch the ignition off and switch it back on. <li data-bbox="495 673 1121 701">► Release the electric parking brake manually (→ page 120). <p data-bbox="495 708 519 735">or</p> <ul data-bbox="495 742 1162 769" style="list-style-type: none"> <li data-bbox="495 742 1162 769">► Release the electric parking brake automatically (→ page 119). <p data-bbox="495 770 1097 797">If it is still not possible to release the electric parking brake:</p> <ul data-bbox="495 804 1175 831" style="list-style-type: none"> <li data-bbox="495 804 1175 831">► Do not continue driving. Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
	<p>* The yellow  indicator lamp is lit and the red  (USA only) or  (Canada only) indicator lamp is flashing. The electric parking brake is malfunctioning.</p> <p>The electric parking brake could not be applied or released.</p> <ul style="list-style-type: none"> ► Switch the ignition off and switch it back on. <p>To apply:</p> <ul style="list-style-type: none"> ► Release and then apply the electric parking brake manually (→ page 120). <p>To release:</p> <ul style="list-style-type: none"> ► Apply and then release the electric parking brake manually. <p>If the electric parking brake cannot be applied or the red  (USA only) or  (Canada only) indicator lamp continues to flash:</p> <ul style="list-style-type: none"> ► Do not continue driving. Consult a qualified specialist workshop. ► Where necessary, also secure the parked vehicle against rolling away. <p>* The yellow  indicator lamp is lit and the red  indicator lamp (USA only) or  indicator lamp (Canada only) flashes for approximately ten seconds after the electric parking brake has been applied or released. It then remains lit or goes out. The electric parking brake is malfunctioning.</p> <p>If the charge level is too low:</p> <ul style="list-style-type: none"> ► Charge the 12 V battery.


Display messages	Possible causes/consequences and ► Solutions
	<p>To apply:</p> <ul style="list-style-type: none">► Switch the ignition off. The electric parking brake will be applied automatically. <p>If you do not want the electric parking brake to be applied, e.g. at an automatic car wash or when the vehicle is being towed, leave the ignition switched on. This does not include having the vehicle towed with the rear axle raised.</p> <p>If the electric parking brake is not applied automatically:</p> <ul style="list-style-type: none">► Switch the ignition off and switch it back on.► Release and then apply the electric parking brake manually (→ page 120). <p>If it is still not possible to apply the electric parking brake:</p> <ul style="list-style-type: none">► Consult a qualified specialist workshop.► Where necessary, also secure the parked vehicle against rolling away. <p>To release:</p> <ul style="list-style-type: none">► If the conditions for automatic release are fulfilled and the electric parking brake is not released automatically, release the electric parking brake manually (→ page 120). <p>If it is still not possible to release the electric parking brake:</p> <ul style="list-style-type: none">► Do not continue driving. Consult a qualified specialist workshop.





Display messages	Possible causes/consequences and ► Solutions
 <p>(USA only)</p>  <p>(Canada only)</p> <p>Please Release Parking Brake</p>	<p>* The red  indicator lamp (USA only) or  indicator lamp (Canada only) is flashing.</p> <p>The electric parking brake is applied while you are driving:</p> <ul style="list-style-type: none">• A condition for automatic release of the electric parking brake has not been fulfilled (→ page 119).• You are performing emergency braking using the electric parking brake (→ page 120). <p>► Check the conditions for automatic release of the electric parking brake.</p> <p>► Release the electric parking brake manually.</p>

Display messages	Possible causes/consequences and ► Solutions
<div data-bbox="155 252 310 332" data-label="Image"> </div> <p data-bbox="155 342 260 365">(USA only)</p> <div data-bbox="155 379 310 458" data-label="Image"> </div> <p data-bbox="155 469 291 492">(Canada only)</p> <p data-bbox="147 505 410 553">Turn On the Ignition to Release the Parking Brake</p>	<p data-bbox="473 249 1363 308">* The red  (USA only) or  indicator lamp (Canada only) is lit. You have attempted to release the electric parking brake with the ignition switched off.</p> <ul style="list-style-type: none"> <li data-bbox="495 319 753 341">► Switch on the ignition.
<div data-bbox="155 584 310 664" data-label="Image"> </div> <p data-bbox="147 674 253 697">(USA only)</p> <div data-bbox="155 710 310 790" data-label="Image"> </div> <p data-bbox="147 800 284 823">(Canada only)</p> <p data-bbox="147 837 388 857">Check Brake Fluid Level</p>	<p data-bbox="473 581 1079 603">* There is insufficient brake fluid in the brake fluid reservoir.</p> <div data-bbox="495 619 1648 837" style="border: 1px solid black; padding: 5px;"> <p data-bbox="513 629 1134 652">▲ WARNING Risk of an accident due to low brake fluid level</p> <p data-bbox="513 671 1511 694">If the brake fluid level is too low, the braking effect and the braking characteristics may be impaired.</p> <ul style="list-style-type: none"> <li data-bbox="513 706 1585 729">► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. <li data-bbox="513 741 946 764">► Consult a qualified specialist workshop. <li data-bbox="513 777 779 799">► Do not add brake fluid. </div>

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 342 426 391">Check Brake Pads See Operator's Manual</p>	<ul style="list-style-type: none"> * The brakepads have reached the wear limit. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.

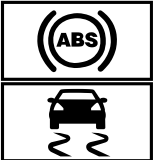
Driving systems

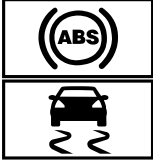

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 637 282 660">--- mph</p>	<ul style="list-style-type: none"> * Cruise control cannot be activated as not all activation conditions are fulfilled. <ul style="list-style-type: none"> ► Observe the activation conditions for cruise control (→ page 126).
<p data-bbox="195 684 463 708">Cruise Control Inoperative</p>	<ul style="list-style-type: none"> * Cruise control is malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
<p data-bbox="195 759 384 783">Cruise Control Off</p>	<ul style="list-style-type: none"> * Cruise control has been deactivated. <ul style="list-style-type: none"> If there is an additional warning tone, cruise control has been deactivated automatically (→ page 125).


Display messages	Possible causes/consequences and ► Solutions
 <p>Off</p>	<ul style="list-style-type: none"> * The HOLD function is deactivated because the vehicle is slipping or a condition for activation is not fulfilled. <ul style="list-style-type: none"> ► Reactivate the HOLD function later or check the activation conditions for the HOLD function (→ page 127).
 <p>Malfunction Drive at Max. 50 mph</p>	<ul style="list-style-type: none"> * AMG adaptive sport suspension system is malfunctioning. The vehicle's handling characteristics may be affected. <ul style="list-style-type: none"> ► Do not drive at speeds greater than 50 mph (80 km/h). ► Consult a qualified specialist workshop.
 <p>ATTENTION ASSIST Inoperative</p>	<ul style="list-style-type: none"> * ATTENTION ASSIST is malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
 <p>ATTENTION ASSIST: Take a Break!</p>	<ul style="list-style-type: none"> * ATTENTION ASSIST has detected fatigue or an increasing lack of concentration on the part of the driver (→ page 137). <ul style="list-style-type: none"> ► If necessary, take a break.

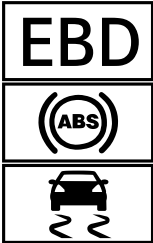
Display messages	Possible causes/consequences and ► Solutions
Blind Spot Assist Currently Unavailable See Operator's Manual	<p>* Blind Spot Assist is temporarily unavailable. The system limits have been reached (→ page 139). Once the cause of the problem is no longer present, the system will be available again.</p> <p>► Drive on. or</p> <p>► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the engine.</p> <p>► If necessary, clean the rear bumper. If the bumper is especially dirty, the sensors in the bumper may be malfunctioning.</p>
Blind Spot Assist Inoperative	<p>* Blind Spot Assist is malfunctioning.</p> <p>► Consult a qualified specialist workshop.</p>
RACE START Not Possible See Operator's Manual	<p>* Possible causes:</p> <ul style="list-style-type: none"> • The activation conditions have not been fulfilled (→ page 129).
RACE START Canceled	<p>* Possible causes:</p> <ul style="list-style-type: none"> • You released the accelerator pedal during RACE START. • You depressed the brake pedal during RACE START. <p>You can try RACE START again at the next start.</p>

Driving safety systems

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="144 467 408 519">Currently Unavailable See Operator's Manual</p>	<p data-bbox="476 291 924 317">* ABS and ESP® are temporarily unavailable.</p> <p data-bbox="495 325 1458 351">Other driving systems and driving safety systems (e.g. BAS) may also be temporarily unavailable.</p> <p data-bbox="495 359 1609 411">The brake system will continue to operate normally. The braking distance in an emergency braking situation can increase.</p> <div data-bbox="495 428 1646 702" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="513 439 1190 467">▲ WARNING Risk of skidding if ABS and ESP® are malfunctioning</p> <p data-bbox="513 482 1402 508">The wheels may lock during braking and ESP® does not perform any vehicle stabilization.</p> <p data-bbox="513 519 1628 570">The steerability and braking characteristics are heavily impaired and the braking distance may increase. In addition, other driving safety systems are switched off.</p> <ul style="list-style-type: none"> <li data-bbox="513 581 1591 632">► Drive carefully on a suitable stretch of road, making slight steering movements at a speed above 19 mph (30 km/h). <li data-bbox="513 643 1615 695">► If the display message does not disappear, consult a qualified specialist workshop immediately. Drive carefully. </div>

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 428 469 477">Inoperative See Operator's Manual</p>	<p data-bbox="528 252 1665 370">* ABS and ESP[®] are malfunctioning. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning. The brake system will continue to operate normally. The braking distance in an emergency braking situation can increase.</p> <div data-bbox="565 397 1696 433" style="background-color: #f0f0f0; padding: 5px;"> <p data-bbox="565 401 1240 428">▲ WARNING Risk of skidding if ABS and ESP[®] are malfunctioning</p> </div> <p data-bbox="565 446 1677 529">The wheels may block during braking and ESP[®] does not perform any vehicle stabilization. The steerability and braking characteristics are heavily impaired and the braking distance may increase. In addition, other driving safety systems are switched off.</p> <ul data-bbox="565 542 1360 601" style="list-style-type: none"> <li data-bbox="565 542 778 567">► Drive on carefully. <li data-bbox="565 573 1360 601">► Have ABS and ESP[®] checked immediately at a qualified specialist workshop.
 <p data-bbox="195 723 458 771">Currently Unavailable See Operator's Manual</p>	<p data-bbox="528 632 1424 692">* ESP[®] is temporarily unavailable. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning.</p> <div data-bbox="565 708 1696 743" style="background-color: #f0f0f0; padding: 5px;"> <p data-bbox="565 712 1129 739">▲ WARNING Risk of skidding if ESP is malfunctioning[®]</p> </div> <p data-bbox="565 757 1665 809">If ESP[®] is malfunctioning, ESP[®] cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.</p>


Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Drive carefully on a suitable stretch of road, making slight steering movements at a speed above 19 mph (30 km/h). ► If the display message does not disappear, consult a qualified specialist workshop immediately. Drive carefully.
 <p data-bbox="144 487 417 536">Inoperative See Operator's Manual</p>	<p data-bbox="476 394 731 420">* ESP® is malfunctioning.</p> <p data-bbox="495 430 1373 456">Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning.</p> <p data-bbox="495 467 1613 513">The brake system will continue to operate normally. The braking distance in an emergency braking situation can increase.</p> <div data-bbox="495 534 1650 581" style="background-color: #e0e0e0; padding: 5px;"> <p data-bbox="513 544 1082 570">▲ WARNING Risk of skidding if ESP® is malfunctioning</p> </div> <p data-bbox="513 586 1613 638">If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Have ESP® checked at a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 515 469 560">Inoperative See Operator's Manual</p>	<p data-bbox="528 252 1424 311">* EBD, ABS and ESP® are malfunctioning. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning.</p> <div data-bbox="550 329 1696 547" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="569 339 1295 365">▲ WARNING Risk of skidding if EBD, ABS and ESP® are malfunctioning</p> <p data-bbox="569 381 1465 407">The wheels may block during braking and ESP® does not perform any vehicle stabilization.</p> <p data-bbox="569 417 1683 469">The steerability and braking characteristics are heavily impaired and the braking distance may increase. In addition, other driving safety systems are switched off.</p> <ul data-bbox="569 479 1387 536" style="list-style-type: none"> <li data-bbox="569 479 778 505">► Drive on carefully. <li data-bbox="569 515 1387 536">► Have the brake system checked immediately at a qualified specialist workshop. </div>
<p data-bbox="195 588 445 635">Radar Sensors Dirty See Operator's Manual</p>	<p data-bbox="528 588 1147 614">* The radar sensor system is malfunctioning. Possible causes:</p> <ul data-bbox="550 624 1221 717" style="list-style-type: none"> <li data-bbox="550 624 772 650">• Dirt on the sensors <li data-bbox="550 660 772 686">• Heavy rain or snow <li data-bbox="550 697 1221 717">• Extended country driving without other traffic, e.g. in the desert <p data-bbox="550 733 1480 759">Driving systems and driving safety systems may be malfunctioning or temporarily unavailable.</p> <p data-bbox="550 769 1702 821">Once the cause of the problem is no longer present, the driving systems and driving safety systems will be available again.</p> <p data-bbox="550 831 972 852">If the display message does not disappear:</p>

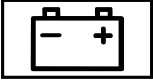
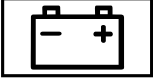
358 Display messages and warning/indicator lamps

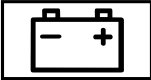
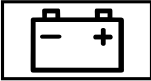
Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none">► Stop the vehicle in accordance with the traffic conditions.► Clean all sensors (→ page 266).► Restart the engine.

Mercedes me connect


Display messages	Possible causes/consequences and ► Solutions
<p>Mercedes me connect Services Limited See Operator's Manual</p>	<p>* The vehicle functions for fault detection are restricted. At least one of the main functions of the Mercedes me connect system is malfunctioning.</p> <ul style="list-style-type: none">► Observe the notes on the diagnostics connection (→ page 22).► Consult a qualified specialist workshop.
 <p>Inoperative</p>	<p>* At least one of the main functions of the Mercedes me connect system or of the SOS emergency call system is malfunctioning.</p> <ul style="list-style-type: none">► Consult a qualified specialist workshop.



Battery


Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 384 445 433">12 V Battery See Operator's Manual</p>	<ul style="list-style-type: none"> <li data-bbox="524 291 1027 314">* The engine is off and the charge level is too low. <ul style="list-style-type: none"> <li data-bbox="543 325 1116 349">► Switch off electrical consumers that are not required. <li data-bbox="543 377 814 400">To charge the 12 V battery: <ul style="list-style-type: none"> <li data-bbox="543 411 1326 435">► Leave the engine running for a few minutes, or drive an extended distance. <li data-bbox="524 445 1631 469">* If the message appears while the engine is running, this indicates an on-board electrical system malfunction. <ul style="list-style-type: none"> <li data-bbox="543 479 977 503">► Consult a qualified specialist workshop.
 <p data-bbox="195 615 426 639">See Operator's Manual</p>	<ul style="list-style-type: none"> <li data-bbox="524 522 925 545">* The 12 V battery is not being charged. <div data-bbox="561 563 1698 681" style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p data-bbox="569 573 1142 597">! NOTE Possible engine damage if you continue driving</p> <ul style="list-style-type: none"> <li data-bbox="561 615 1097 639">► Do not continue driving under any circumstances. <li data-bbox="561 649 996 673">► Consult a qualified specialist workshop. </div> <ul style="list-style-type: none"> <li data-bbox="543 701 1676 725">► Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. <li data-bbox="543 735 977 759">► Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="144 342 391 391">Stop Vehicle See Operator's Manual</p>	<p data-bbox="476 249 1245 273">* The 12 V battery is no longer being charged and the charge level is too low.</p> <div data-bbox="500 291 1646 412" style="border: 1px solid black; padding: 5px;"><p data-bbox="513 301 1092 325">! NOTE Possible engine damage if you continue driving</p><ul data-bbox="513 342 1045 401" style="list-style-type: none"><li data-bbox="513 342 1045 366">► Do not continue driving under any circumstances.<li data-bbox="513 373 944 401">► Consult a qualified specialist workshop.</div> <ul data-bbox="495 428 1480 522" style="list-style-type: none"><li data-bbox="495 428 1480 452">► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving.<li data-bbox="495 459 750 483">► Switch off the engine.<li data-bbox="495 491 925 522">► Consult a qualified specialist workshop.
 <p data-bbox="144 632 413 681">Stop Vehicle Leave Engine Running</p>	<p data-bbox="476 539 894 563">* The 12 V battery charge level is too low.</p> <ul data-bbox="495 570 1480 698" style="list-style-type: none"><li data-bbox="495 570 1480 594">► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving.<li data-bbox="495 601 787 625">► Leave the engine running.<li data-bbox="495 632 1153 656">► Wait until the display message disappears before pulling away.<li data-bbox="495 664 1393 698">► If the display message does not disappear: consult a qualified specialist workshop.

Tire pressure monitor

Display messages	Possible causes/consequences and ► Solutions
Tire Press. Monitor Currently Unavailable	<ul style="list-style-type: none"> * There is interference from a powerful radio signal source. As a result, no signals from the tire pressure sensors are being received. The tire pressure monitoring system is temporarily unavailable. The tire pressure monitoring system will restart automatically as soon as the cause has been rectified. <ul style="list-style-type: none"> ► Drive on.
Tire Press. Monitor Inoperative	<ul style="list-style-type: none"> * The tire pressure monitoring system is malfunctioning. <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>⚠ WARNING There is a risk of an accident if the tire pressure monitoring system is malfunctioning</p> <p>The tire pressure monitoring system cannot issue a warning if there is pressure loss in one or more of the tires. Tires with insufficient tire pressure may impair the driving characteristics as well as steering and braking.</p> <p>► Have the tire pressure monitoring system checked at a qualified specialist workshop.</p> </div>
Tire Pressure Monitor Inoperative No Wheel Sensors	<ul style="list-style-type: none"> * The wheels installed do not have suitable tire pressure sensors. The tire pressure monitoring system is deactivated. <ul style="list-style-type: none"> ► Install wheels with suitable tire pressure sensors.
 Wheel Sensor(s) Missing	<ul style="list-style-type: none"> * There is no signal from the tire pressure sensors of one or more wheels. No pressure value is displayed for the affected tire. <ul style="list-style-type: none"> ► Have the faulty tire pressure sensor replaced at a qualified specialist workshop.


Display messages	Possible causes/consequences and ► Solutions
 <p>Check Tires</p>	<p>* The tire pressure in one or more tires has dropped significantly. The wheel position will be displayed.</p> <p>▲ WARNING Risk of an accident due to insufficient tire pressure</p> <ul style="list-style-type: none">• The tires can burst.• The tires can wear excessively and/or unevenly.• The driving characteristics as well as the steering and braking may be greatly impaired. <p>You could then lose control of the vehicle.</p> <ul style="list-style-type: none">► Observe the recommended tire pressures.► Adjust the tire pressure if necessary. <p>► Stop the vehicle in accordance with the traffic conditions.</p> <p>► Check the tire pressure (→ page 288) and the tires.</p>
 <p>Please Correct Tire Pressure</p>	<p>* The tire pressure is too low in at least one of the tires, or the difference in tire pressure between the individual wheels is too great.</p> <ul style="list-style-type: none">► Check the tire pressure and add air, if necessary.► When the tire pressure is correct, restart the tire pressure monitor (→ page 293).



Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 342 449 366">Warning Tire Malfunction</p>	<p data-bbox="526 249 1520 273">* The tire pressure in one or more tires has dropped suddenly. The wheel position will be displayed.</p> <div data-bbox="563 298 1698 521" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="569 301 1184 325">▲ WARNING Risk of an accident from driving with a flat tire</p> <ul data-bbox="569 342 1467 401" style="list-style-type: none"> <li data-bbox="569 342 994 366">• The tires can overheat and cause a fire. <li data-bbox="569 373 1467 401">• The driving characteristics as well as the steering and braking may be greatly impaired. <p data-bbox="563 418 981 442">You could then lose control of the vehicle.</p> <ul data-bbox="563 453 907 512" style="list-style-type: none"> <li data-bbox="563 453 907 477">► Do not drive on with a flat tire. <li data-bbox="563 480 907 508">► Observe the notes on flat tires. </div> <p data-bbox="545 539 888 563">Notes on a flat tire (→ page 270).</p> <ul data-bbox="545 574 1156 629" style="list-style-type: none"> <li data-bbox="545 574 1156 598">► Stop the vehicle in accordance with the traffic conditions. <li data-bbox="545 601 741 629">► Check the tires.
<p data-bbox="195 648 371 672">Tires Overheated</p>	<p data-bbox="526 648 1692 697">* At least one tire is overheating. The affected tires are displayed in red. At temperatures close to the limit value, the tires are displayed in yellow.</p> <div data-bbox="563 722 1698 837" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="569 725 1254 749">▲ WARNING Risk of an accident from driving with overheated tires</p> <p data-bbox="563 766 837 790">Overheated tires can burst.</p> <ul data-bbox="563 801 1018 825" style="list-style-type: none"> <li data-bbox="563 801 1018 825">► Reduce speed so that the tires cool down. </div>

364 Display messages and warning/indicator lamps

Display messages	Possible causes/consequences and ► Solutions
Decrease Speed	<p>* At least one tire is overheating. The affected tires are displayed in red. At temperatures close to the limit value, the tires are displayed in yellow.</p> <p>▲ WARNING Risk of an accident from driving with overheated tires</p> <p>Overheated tires can burst.</p> <p>► Reduce speed so that the tires cool down.</p>

Engine oil

Display messages	Possible causes/consequences and ► Solutions
 <p>Check Engine Oil Level (Add 1 quart)</p>	<p>* The engine oil level has dropped to the minimum level.</p> <p>! NOTE Engine damage caused by driving with insufficient engine oil</p> <p>► Avoid long journeys with insufficient engine oil.</p> <p>► When next refueling, add 1.1 US qt (1 l) of engine oil (→ page 260).</p> <p>Notes on engine oil (→ page 322).</p>

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="197 344 471 366">Engine Oil Reduce Oil Level</p>	<p data-bbox="524 249 851 273">* The engine oil level is too high.</p> <div data-bbox="565 298 1696 335" style="border: 1px solid black; padding: 5px;"> <p data-bbox="565 303 1230 327">! NOTE Engine damage caused by driving with excess engine oil</p> </div> <p data-bbox="565 344 1027 368">► Avoid long journeys with excess engine oil.</p> <p data-bbox="543 394 1480 418">► Consult a qualified specialist workshop immediately and have the engine oil level reduced.</p>
 <p data-bbox="197 531 471 579">Engine Oil Level Cannot Be Measured</p>	<p data-bbox="524 436 1541 459">* The electrical connection to the oil level sensor has been interrupted or the oil level sensor is faulty.</p> <p data-bbox="543 469 977 493">► Consult a qualified specialist workshop.</p>

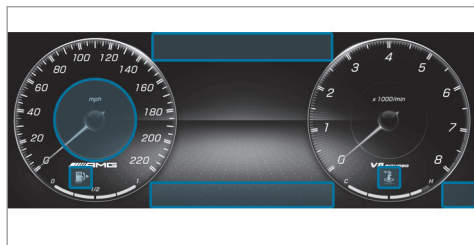
Warning and indicator lamps

Overview of indicator and warning lamps

Some systems will perform a self-test when the ignition is switched on. Some indicator and warning lamps may briefly light up or flash. This behavior is non-critical. These indicator and warning lamps indicate a malfunction only if they

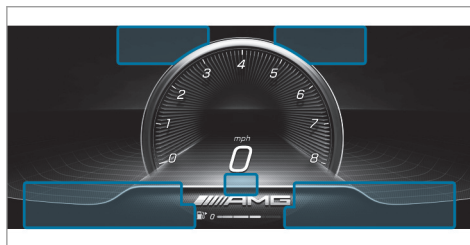
light up or flash after the engine has been started or during a journey.

Instrument Display










Depending on the display setting, the positions of the indicator lamps on the Instrument Display may differ from the example shown.

Supersport setting



If you select the Supersport display setting, the positions of the indicator lamps on the Instrument Display will change.

Indicator and warning lamps:

-  Restraint system (→ page 367)
-  Seat belt (→ page 367)
-  Power steering (→ page 369)
-  Traction control (→ page 369)
-  Coolant temperature (→ page 370)
-  Check Engine (→ page 370)
-  Electrical malfunction (→ page 370)



Reserve fuel with fuel filler flap location indicator (→ page 370)



USA: electric parking brake (red) (→ page 373)



Canada: electric parking brake (red) (→ page 373)



Electric parking brake (yellow) (→ page 373)



USA: Recuperative Brake System (→ page 373)



Canada: brakes (yellow) (→ page 373)



USA: brakes (red) (→ page 373)



Canada: brakes (red) (→ page 373)



Distance warning (→ page 376)



AMG adaptive sport suspension system (→ page 376)



ABS (→ page 376)










ESP® (→ page 376)




ESP® OFF (→ page 376)




ESP® SPORT (→ page 376)



	ESP® OFF (→ page 376)
	Tire pressure monitoring system (→ page 379)
	Parking lamps (→ page 80)
	Low beam (→ page 80)
	High beam (→ page 81)
	Turn signal light (→ page 81)
	Rear fog light (→ page 80)

Occupant safety

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="195 676 454 728">Restraint system warning lamp</p>	<p data-bbox="504 583 1215 609">The red restraint system warning lamp is lit while the engine is running.</p> <p data-bbox="504 619 1049 645">*The restraint system is malfunctioning (→ page 31).</p> <div data-bbox="532 660 1696 780" style="border: 1px solid black; padding: 5px;"> <p data-bbox="541 671 1271 697">▲ WARNING Risk of injury due to malfunctions in the restraint system</p> <p data-bbox="541 712 1641 738">Components in the restraint system may be activated unintentionally or not deploy as planned in an accident.</p> <p data-bbox="541 749 1539 774">► Have the restraint system checked and repaired immediately at a qualified specialist workshop.</p> </div> <p data-bbox="532 800 744 826">► Drive on carefully.</p> <p data-bbox="532 831 1049 857">► Note the messages on the multifunction display.</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="144 384 376 407">Seat belt warning lamp</p>	<p data-bbox="476 249 1036 272">► Consult a qualified specialist workshop immediately.</p> <p data-bbox="452 291 1258 313">The red seat belt warning lamp flashes and an intermittent warning tone sounds.</p> <p data-bbox="452 327 482 350">or</p> <p data-bbox="452 360 1304 383">The red seat belt warning lamp lights up for six seconds once the engine has started.</p> <p data-bbox="452 396 981 419">In addition, an intermittent warning tone may sound.</p> <p data-bbox="465 433 1356 455">* The red seat belt warning lamp flashes and an intermittent warning tone sounds:</p> <p data-bbox="476 469 1437 492">The driver or front passenger has not fastened his or her seat belt while the vehicle is in motion.</p> <p data-bbox="476 505 864 528">► Fasten your seat belt (→ page 35).</p> <p data-bbox="476 552 944 574">There are objects on the front passenger seat.</p> <p data-bbox="476 588 1023 611">► Remove the objects from the front passenger seat.</p> <p data-bbox="465 624 1230 647">* The red seat belt warning lamp lights up once the engine has started:</p> <p data-bbox="476 660 1005 683">In addition, an intermittent warning tone may sound.</p> <p data-bbox="476 697 1439 720">The red seat belt warning lamp reminds the driver and front passenger to fasten their seat belts.</p> <p data-bbox="476 733 864 756">► Fasten your seat belt (→ page 35).</p> <p data-bbox="476 769 1493 792">If you have placed objects on the front passenger seat, the red seat belt warning lamp may remain lit.</p>

Vehicle

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="195 384 432 433">Power steering warning lamp (red)</p>	<p data-bbox="506 291 1276 314">The red power steering system warning lamp is lit while the engine is running.</p> <p data-bbox="519 325 1134 349">*The power assistance or the steering itself is malfunctioning.</p> <div data-bbox="532 366 1696 547" style="border: 1px solid gray; padding: 5px;"> <p data-bbox="543 377 1184 400">▲ WARNING Risk of accident if steering capability is impaired</p> <p data-bbox="543 418 1443 442">If the steering does not function as intended, the vehicle's operating safety is jeopardized.</p> <ul style="list-style-type: none"> <li data-bbox="543 452 1652 501">► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. <li data-bbox="543 511 975 535">► Consult a qualified specialist workshop. </div> <p data-bbox="528 563 1042 587">► Note the messages on the multifunction display.</p>
 <p data-bbox="195 701 450 742">Warning lamp for traction control</p>	<p data-bbox="506 608 1166 631">The warning lamp for traction control flashes while you are driving.</p> <p data-bbox="506 642 838 666">* The traction control intervenes.</p> <p data-bbox="528 676 955 700">Function of traction control (→ page 129).</p>

Engine

Warning/indicator lamp



Coolant warning lamp

Possible causes/consequences and ► Solutions

The red coolant warning lamp is lit while the engine is running.

*Possible causes:

- The temperature sensor is malfunctioning
- The coolant level is too low
- The air supply to the radiator is obstructed
- The radiator fan is faulty

If there is an additional warning tone, the coolant temperature has exceeded the maximum permissible temperature.

▲ WARNING Danger of burns when opening the hood


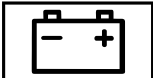
If you open the hood when the engine has overheated or during a fire in the engine compartment, you could come into contact with hot gases or other escaping operating fluids.


- ▶ Before opening the hood, allow the engine to cool down.
- ▶ In the event of a fire in the engine compartment, keep the hood closed and call the fire service.

▶ Pull over and stop the vehicle safely and switch off the engine, paying attention to road and traffic conditions. Do not continue driving.

▶ Note the messages on the multifunction display.




If the coolant temperature display is at the lower end of the temperature scale:

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Consult a qualified specialist workshop. or ► Exit the vehicle and keep a safe distance from it until the engine has cooled down. ► Check the coolant level (→ page 262). ► Make sure that the air supply to the radiator is not obstructed. ► Avoiding high loads on the engine, drive to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below the red area.
 <p data-bbox="195 583 454 629">Engine diagnosis warning lamp</p>	<p data-bbox="504 490 1221 513">The yellow Check Engine warning lamp is lit while the engine is running.</p> <p data-bbox="504 524 1341 548">*A malfunction has occurred in the engine, the exhaust system or the fuel system.</p> <p data-bbox="504 558 1402 582">The emission limit values may be exceeded and the engine may be in emergency mode.</p> <p data-bbox="504 592 1665 641">In some states, legal requirements stipulate that you must immediately consult a qualified specialist workshop as soon as the yellow Check Engine warning lamp lights up.</p> <ul style="list-style-type: none"> ► Have the vehicle checked as soon as possible at a qualified specialist workshop.
 <p data-bbox="195 785 476 833">Electrical malfunction warning lamp</p>	<p data-bbox="504 692 925 715">The red electrical fault warning lamp is lit.</p> <p data-bbox="504 726 838 750">* There is a fault in the electrics.</p> <ul style="list-style-type: none"> ► Note the messages on the multifunction display.

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Fuel reserve warning lamp</p>	<p>The yellow fuel reserve warning lamp lights up while you are driving.</p> <p>or</p> <p>The yellow fuel reserve warning lamp lights up while the engine is running.</p> <p>*The yellow fuel reserve warning lamp lights up while you are driving:</p> <p>There has been pressure loss in the fuel system. The fuel filler cap is not closed correctly or the fuel system is leaking.</p> <ul style="list-style-type: none">► Close the fuel filler cap. <p>If the fuel filler cap has already been closed correctly:</p> <ul style="list-style-type: none">► Consult a qualified specialist workshop. <p>*The yellow fuel reserve warning lamp lights up while the engine is running:</p> <p>The fuel supply has dropped into the reserve range.</p> <ul style="list-style-type: none">► Refuel.



Brakes

Warning/indicator lamp	Possible causes/consequences and ► Solutions
<div data-bbox="203 295 360 378" data-label="Image"> </div> <p data-bbox="194 383 471 435">Electric parking brake indicator lamp (red) (USA only)</p> <div data-bbox="203 440 360 523" data-label="Image"> </div> <p data-bbox="194 528 471 606">Electric parking brake indicator lamp (red) (Canada only)</p> <div data-bbox="203 611 360 694" data-label="Image"> </div> <p data-bbox="194 699 471 751">The electric parking brake (yellow) indicator lamp</p>	<p data-bbox="508 290 1108 315">The red electric parking brake indicator lamp flashes or is lit.</p> <p data-bbox="508 321 1422 347">The yellow electric parking brake indicator lamp also lights up in the event of a malfunction.</p> <p data-bbox="508 357 1044 383">* ► Note the messages on the multifunction display.</p>


Warning/indicator lamp	Possible causes/consequences and ► Solutions
<div data-bbox="155 252 310 332" data-label="Image"> </div> <p data-bbox="144 339 421 394">Recuperative Brake System warning lamp (USA only)</p> <div data-bbox="155 397 310 477" data-label="Image"> </div> <p data-bbox="144 484 408 539">Brakes warning lamp (yellow) (Canada only)</p>	<p data-bbox="452 249 1637 301">The yellow  warning lamp (USA only) or the yellow  brakes warning lamp (Canada only) is lit while the engine is running.</p> <div data-bbox="463 311 1646 464" data-label="Complex-Block" style="border: 1px solid black; padding: 5px;"> <p data-bbox="495 319 1197 344">*  WARNING Risk of an accident due to a brake system malfunction</p> <p data-bbox="495 360 1286 386">If the brake system is malfunctioning, braking characteristics may be impaired.</p> <ul style="list-style-type: none"> <li data-bbox="495 394 713 420">► Drive on carefully. <li data-bbox="495 425 1323 451">► Have the brake system checked immediately at a qualified specialist workshop. </div> <ul style="list-style-type: none"> <li data-bbox="476 477 1415 503">► Adjust your speed and drive on carefully, leaving a suitable distance to the vehicle in front. <li data-bbox="476 508 1156 534">► If the multifunction display shows a display message, observe it. <li data-bbox="476 539 911 565">► Consult a qualified specialist workshop.
<div data-bbox="155 594 310 674" data-label="Image"> </div> <p data-bbox="144 681 402 736">Brake warning lamp (USA only)</p> <div data-bbox="155 739 310 819" data-label="Image"> </div> <p data-bbox="144 826 421 881">Brake system warning lamp (Canada only)</p>	<p data-bbox="452 591 1138 617">The red brake system warning lamp is lit while the engine is running.</p> <p data-bbox="463 622 648 648">*Possible causes:</p> <ul style="list-style-type: none"> <li data-bbox="482 658 1428 684">• The brake force boosting is malfunctioning and the braking characteristics may be affected. <li data-bbox="482 689 1095 715">• There is insufficient brake fluid in the brake fluid reservoir. <ul style="list-style-type: none"> <li data-bbox="476 731 994 757">► Note the messages on the multifunction display.


Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<p data-bbox="545 256 1690 288">▲ WARNING Risk of accident and injury if brake force boosting is malfunctioning</p> <p data-bbox="545 298 1690 350">If brake force boosting is malfunctioning, increased brake pedal force may be necessary for braking. The braking characteristics may be impaired. The braking distance can increase in emergency braking situations.</p> <ul data-bbox="545 360 1690 422" style="list-style-type: none"><li data-bbox="545 360 1690 386">► Stop in a safe location immediately. Do not continue driving.<li data-bbox="545 391 1690 417">► Consult a qualified specialist workshop. <p data-bbox="545 453 1690 484">▲ WARNING Risk of an accident due to low brake fluid level</p> <p data-bbox="545 495 1690 521">If the brake fluid level is too low, the braking effect and the braking characteristics may be impaired.</p> <ul data-bbox="545 531 1690 645" style="list-style-type: none"><li data-bbox="545 531 1690 583">► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances.<li data-bbox="545 588 1690 614">► Consult a qualified specialist workshop.<li data-bbox="545 619 1690 645">► Do not add brake fluid.


Driving systems


Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="144 381 410 433">Warning lamp for distance warning function</p>	<p data-bbox="454 288 1155 313">The red distance warning lamp lights up while the vehicle is in motion.</p> <p data-bbox="463 324 1180 350">* The distance to the vehicle in front is too small for the speed selected.</p> <p data-bbox="476 360 1386 386">If there is an additional warning tone, you are approaching an obstacle at too high a speed.</p> <ul data-bbox="476 396 859 448" style="list-style-type: none"><li data-bbox="476 396 859 422">► Be prepared to brake immediately.<li data-bbox="476 427 739 448">► Increase the distance.
 <p data-bbox="144 560 410 612">Suspension warning lamp (yellow)</p>	<p data-bbox="454 467 1155 493">The yellow AMG adaptive sport suspension system warning lamp is lit.</p> <p data-bbox="463 503 1171 529">* There is a malfunction in the AMG adaptive sport suspension system.</p> <ul data-bbox="476 539 996 565" style="list-style-type: none"><li data-bbox="476 539 996 565">► Note the messages on the multifunction display.

Driving safety systems


Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="144 846 328 872">ABS warning lamp</p>	<p data-bbox="454 753 1075 779">The yellow ABS warning lamp is lit while the engine is running.</p> <p data-bbox="463 789 704 815">* ABS is malfunctioning.</p> <p data-bbox="476 825 1082 851">If there is an additional warning tone, EBD is malfunctioning.</p> <p data-bbox="476 861 1254 887">Other driving systems and driving safety systems may also be malfunctioning.</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<p>► Note the messages on the multifunction display.</p> <p>⚠ WARNING There is a risk of skidding if EBD or ABS is malfunctioning</p> <p>The wheels may lock during braking.</p> <p>The steerability and braking characteristics are heavily impaired and the braking distance may increase. In addition, other driving safety systems are switched off.</p> <p>► Drive on carefully.</p> <p>► Have the brake system checked immediately at a qualified specialist workshop.</p>
 <p>ESP® warning lamp</p>	<p>The yellow ESP® warning lamp flashes while the vehicle is in motion.</p> <p>or</p> <p>The yellow ESP® warning lamp is lit while the engine is running.</p> <p>*The yellow ESP® warning lamp flashes while the vehicle is in motion:</p> <p>One or more wheels has reached its grip limit (→ page 122).</p> <p>► Adapt your driving style to suit the road and weather conditions.</p> <p>*The yellow ESP warning lamp® is lit while the engine is running.</p> <p>ESP® is malfunctioning.</p> <p>Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning.</p> <p>► Note the messages on the multifunction display.</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<p>▲ WARNING Risk of skidding if ESP® is malfunctioning</p> <p>If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilization. In addition, other driving safety systems are switched off.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Have ESP® checked at a qualified specialist workshop.
	<p>The yellow ESP® OFF warning lamps are lit while the engine is running.</p> <p>*ESP® is deactivated.</p> <p>Other driving systems and driving safety systems may also be inoperative.</p> <p>▲ WARNING Risk of skidding when driving with ESP® deactivated</p> <p>ESP® does not act to stabilize the vehicle. The availability of further driving safety systems is also limited.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Deactivate ESP® only for as long as the situation requires. <p>If ESP® cannot be activated, ESP® is malfunctioning.</p> <ul style="list-style-type: none"> ► Have ESP® checked immediately at a qualified specialist workshop. <p>► Observe the notes on deactivating ESP® (→ page 122).</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>The icon shows a car with a wavy line underneath it, indicating a loss of control or skidding. Below the car, the word 'OFF' is written. The entire icon is enclosed in a rectangular box with the text 'ESP SPORT' at the bottom.</p>	<p>ESP® SPORT is activated while the engine is running.</p> <p>*When ESP® SPORT is activated, ESP® will stabilize the vehicle only to a limited extent.</p> <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>▲ WARNING Risk of skidding if ESP® SPORT is used incorrectly</p> <p>When you activate ESP® SPORT, there is an increased risk of skidding and having an accident.</p> <p>► Activate ESP® SPORT only in the circumstances described below.</p> </div> <p>► Observe the notes on activating ESP® SPORT(→ page 122).</p>

Tire pressure monitor

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>The icon shows a tire cross-section with an exclamation mark inside a circle. Below the tire, there are three small vertical bars. The entire icon is enclosed in a rectangular box.</p> <p>Tire pressure monitoring system warning lamp</p>	<p>The yellow tire pressure monitor warning lamp (pressure loss/malfunction) flashes for approximately one minute and then remains lit.</p> <p>or</p> <p>The yellow tire pressure monitoring system warning lamp (pressure loss/malfunction) is lit.</p> <p>*The yellow tire pressure monitor warning lamp (pressure loss/malfunction) flashes for approximately one minute and then remains lit:</p> <p>The tire pressure monitor is malfunctioning.</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<p data-bbox="482 249 1646 285">▲ WARNING There is a risk of an accident if the tire pressure monitoring system is malfunctioning</p> <p data-bbox="482 291 1646 358">The tire pressure monitoring system cannot issue a warning if there is pressure loss in one or more of the tires. Tires with insufficient tire pressure may impair the driving characteristics as well as steering and braking.</p> <p data-bbox="482 363 1646 399">► Have the tire pressure monitoring system checked at a qualified specialist workshop.</p> <p data-bbox="463 405 1646 441">*The yellow tire pressure monitoring system warning lamp (pressure loss/malfunction) is lit:</p> <p data-bbox="463 446 1646 482">The tire pressure monitoring system has detected tire pressure loss in at least one of the tires.</p> <p data-bbox="482 487 1646 524">▲ WARNING Risk of an accident due to insufficient tire pressure</p> <ul data-bbox="482 529 1646 638" style="list-style-type: none">• The tires can burst.• The tires can wear excessively and/or unevenly.• The driving characteristics as well as the steering and braking may be greatly impaired. <p data-bbox="482 643 1646 679">You could then lose control of the vehicle.</p> <p data-bbox="482 684 1646 752">► Observe the recommended tire pressures. ► Adjust the tire pressure if necessary.</p> <p data-bbox="463 757 1646 793">► Stop the vehicle in accordance with the traffic conditions.</p> <p data-bbox="463 798 1646 835">► Check the tire pressure and the tires.</p>

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























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
















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