



Digital – in the vehicle

Explore the Operator's Manual in the multimedia system under Preferences. Begin with Quick Start and discover useful tips.



Vehicle document wallet

This contains a physical copy of comprehensive information about operating your vehicle and about services and your vehicle's warranty



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Edition A-2025

Mercedes-AMG SL Roadster



Mercedes-Benz

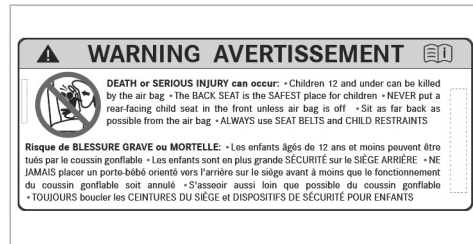
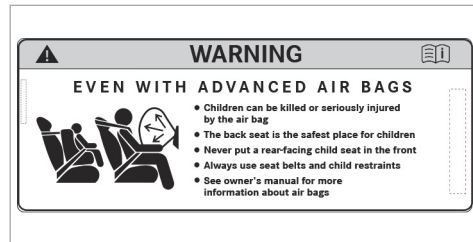
Mercedes-AMG SL Roadster

Operator's Manual

Mercedes-Benz



Front passenger air bag warning



Air bag warning sticker for USA and Canada

WARNING Risk of injury or fatal injuries if the front passenger air bag is enabled

If the front passenger air bag is enabled, a child on the front passenger seat may be struck by the front passenger air bag in the event of an accident.

▶ NEVER use a rearward-facing child restraint system on a seat with an ENABLED FRONT AIR BAG. This can result in the DEATH of or SERIOUS INJURY to the CHILD.

Observe the chapter "Children in the vehicle".

Publication details

Website

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)

Editorial team

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Vehicle manufacturer

Mercedes-Benz AG

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As at 13.10.23

Welcome to the world of Mercedes-AMG

Before your first drive, please read this Operator's Manual carefully and familiarize yourself with your vehicle. For your own safety and a longer service life for the vehicle, follow the instructions and warnings in this Operator's Manual. Failure to do so may lead to personal injury or damage to the vehicle.

Vehicle damage caused by failure to observe 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

In individual cases, your vehicle may therefore differ from that shown in the descriptions and illustrations.

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

- Design
- Equipment
- Technical features

The following documents are integral parts of the vehicle:

- Printed Operator's Manual
- Maintenance Booklet (USA only)
- Supplementary manuals relating to specific equipment
- Supplementary documents

Keep these documents in the vehicle at all times. Ensure that all documents are in the vehicle or passed on in the event of sale or rental.

The latest information on service and warranty, along with a digital copy of this Operator's Manual, can be found on the following website.

USA only:

<https://www.mbusa.com/en/vehicle-information>

Canada only:

<https://www.mercedes-benz.ca/en/owners/manuals> (English)

<https://www.mercedes-benz.ca/fr/owners/manuals> (French)

Mercedes-Benz USA, LLC

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

 **WARNING** Danger due to failure to observe 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

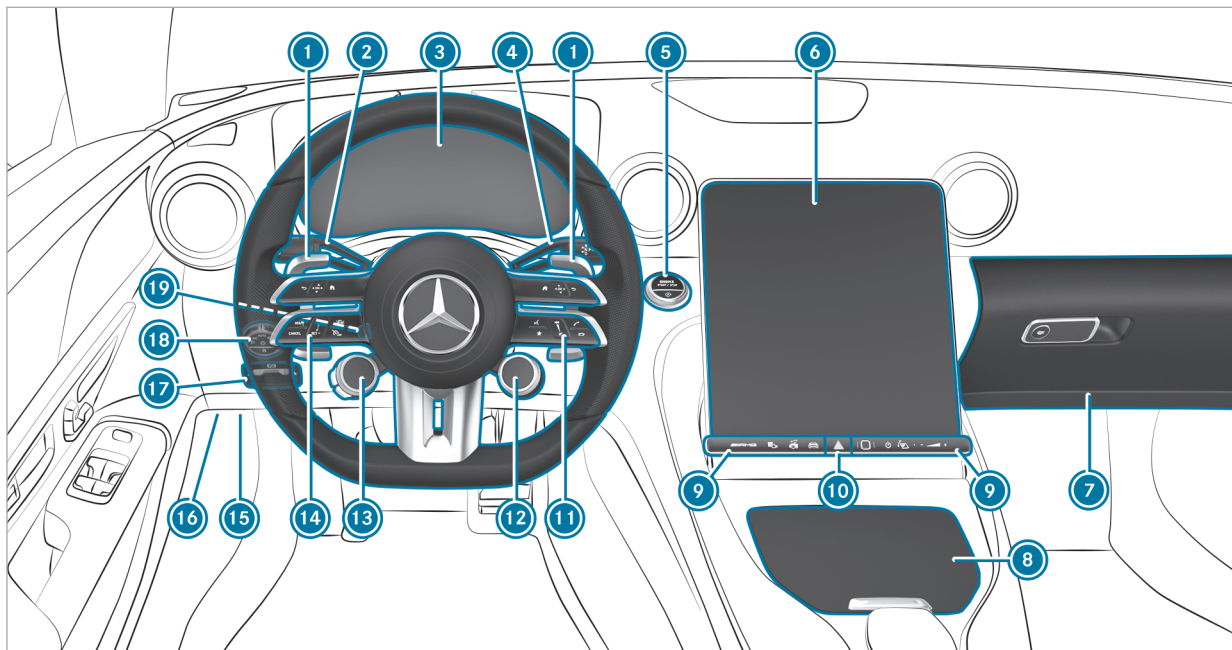
(→ page) Further information on a topic

Display Display in the central 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

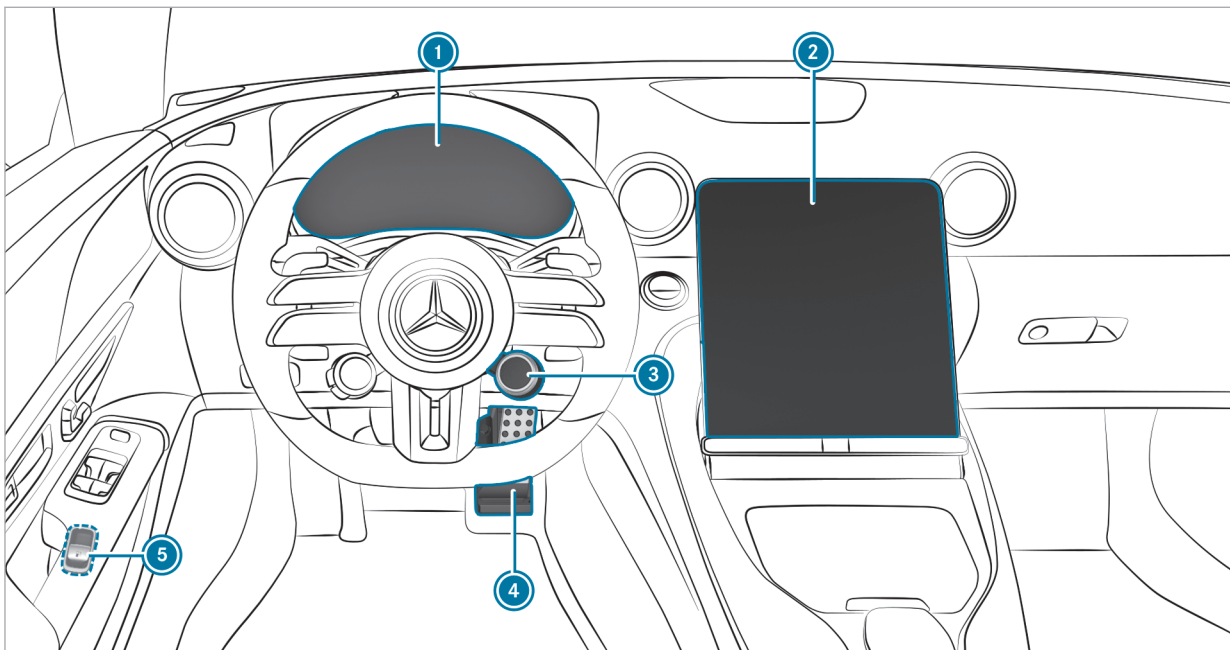
1	Steering wheel paddle shifters	→	187	 Quick vehicle access	
2	Combination switch	→	131	 Fingerprint sensor	→ 295
3	Driver's display	→	288	 Switching the MBUX multimedia system on/off	→ 295
4	DIRECT SELECT lever	→	184	 Setting the display angle	→ 295
5	 Start/stop button	→	161	 Adjusting the volume	→ 295
	 ECO start/stop function	→	171	10  Hazard warning light system	→ 132
6	Central display	→	295	11 Control panel for the MBUX multimedia system	→ 301
7	Glove box	→	122	12 Selecting the drive program	→ 181
8	Stowage space	→	122	13 AMG steering-wheel buttons	→ 177
9	Switch panel for:			14 Control panel:	
	Setting AMG DYNAMIC SELECT in the MBUX multimedia system	→	181	Driver's display	→ 288
	 Active Parking Assist	→	276	Cruise control	→ 222
	 Opening/closing the soft top with the button	→	91	 Active Distance Assist DISTRONIC	→ 226
	or: Opening/closing the soft top via the MBUX multimedia system	→	92	15 Diagnostics connection	→ 32
				16  Opens the hood	→ 349
				17  Electric parking brake	→ 208

8 At a glance - Cockpit

 Light switch	→	130
 Adjusts the steering wheel	→	114
 Switches the steering wheel heater on/off	→	115



10 At a glance - Cockpit (plug-in hybrid)



Left-hand-drive vehicles



1 Driver display: Operational readiness

Power availability display → 292

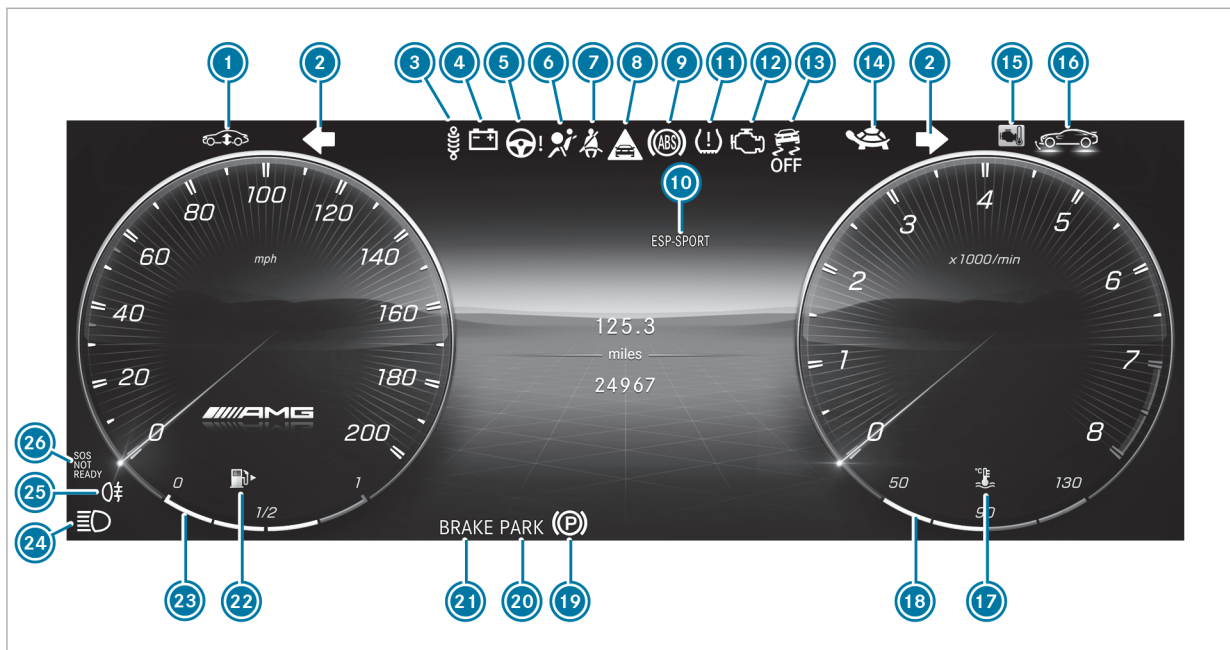
2 Central display:

Plug-in hybrid settings → 320

















Energy flow display → 321














3 Sets recuperation → 175**4**  Haptic accelerator pedal → 176**5**  Depressurizes and refills the fuel tank → 193

12 At a glance - Indicator and warning lamps












Driver display

1		Sets the vehicle level	→	257
2		Turn signal lights	→	131
3		Suspension (yellow)	→	517
		Suspension (red)	→	517
4		Electrical malfunction	→	510
5		Power steering (yellow)	→	508
		Power steering (red)	→	508
		Rear-axle steering (yellow)	→	508
		Rear-axle steering (red)	→	508
6		Restraint system	→	505
7		Seat belt	→	505
8		Distance warning	→	517
9		ABS	→	517
10		ESP® SPORT	→	517
		ESP® OFF	→	517
11		Tire pressure monitoring system	→	523

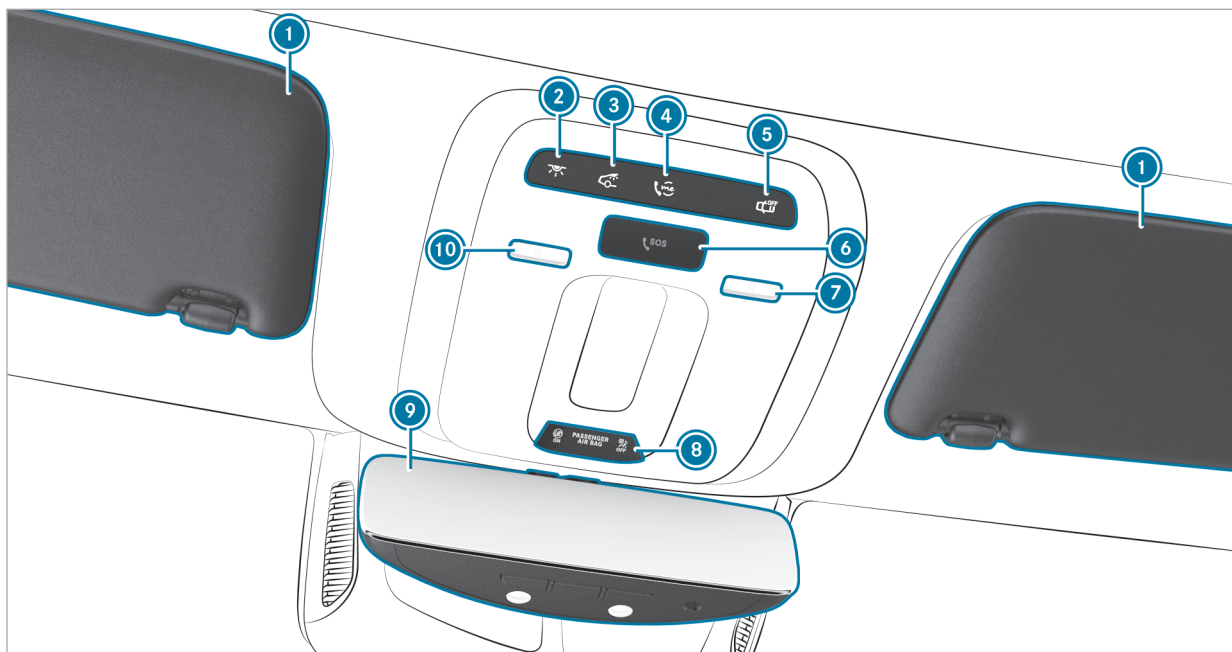
12		Engine diagnostics	→	510
13		ESP® OFF	→	517
		ESP®	→	517
14		Drive system: reduced power	→	507
15		Gasoline engine: reduced power	→	510
16		Active aerodynamics profile	→	262
		Rear fender	→	261
17		Coolant temperature	→	510
18		Coolant temperature display		
19		Electric parking brake (yellow)	→	514
20		Electric parking brake (red)	→	514
		USA only		
		Canada only		
21		Brakes (red)	→	514
		USA only		
		Canada only		






14 At a glance - Indicator and warning lamps

 RBS Recuperative Brake System, USA only	→	514	 Low beam	→	130
 Brakes (yellow), Canada only	→	514	 Side lights	→	130
 Reserve fuel with fuel filler flap location indicator	→	510	 Rear fog light	→	131
 Fuel level			 Mercedes-Benz emergency call system	→	522
 High beam	→	131			

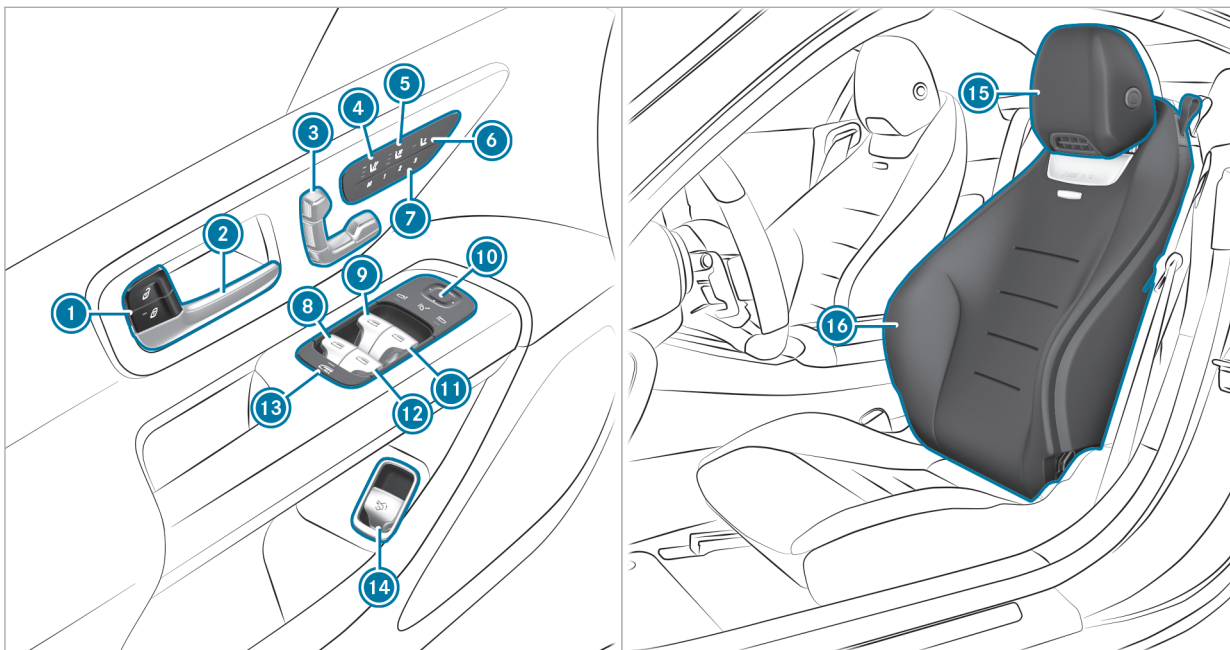









16 At a glance - Overhead control panel








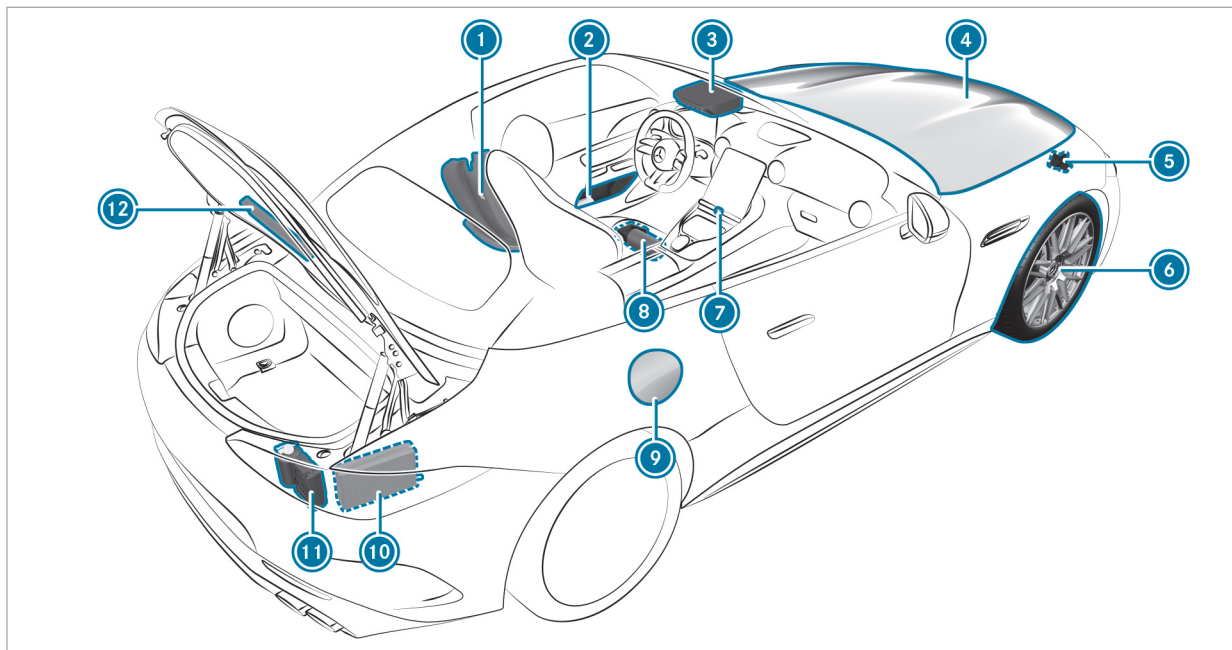
①	Sun visors						
②	 Switches the front interior lighting on/off	→	140	⑥	 SOS button	→	336
③	 Switches the rear interior lighting on/off	→	140	⑦	Switches the right-hand reading lamp on/off	→	140
④	 me button	→	336	⑧	PASSENGER AIR BAG indicator lamps	→	47
⑤	 Switches automatic interior lighting control on/off	→	140	⑨	Inside rearview mirror	→	147
				⑩	Switches the left-hand reading lamp on/off	→	140




18 At a glance - Door operating unit and seat adjustment



1	 	Locks/unlocks the vehicle	→	80
2		Opens the door	→	80
3		Adjusts the seats electrically	→	105
4		Switches the seat heating on/off	→	112
5		Switches the seat ventilation on/off	→	113
6		Adjusts the front passenger seat from the driver's seat	→	107
7		Operates the memory function	→	119
8		Opens/closes the rear left side window	→	97

9		Opens/closes the left side window	→	97
10		Operates the outside mirrors	→	146
11		Opens/closes the right side window	→	97
12		Opens/closes the rear right side window	→	97
13		Opens/closes all side windows	→	97
14		Opens/closes the trunk lid	→	84
15		Adjusts the head restraints	→	108
16		Seat adjustment using the multimedia system	→	110



① B-pillar with:		
QR code for accessing the rescue card	→	36
Information label on tire pressure	→	389
② Safety vests	→	365
③  me button	→	336
 SOS button	→	336
④ Checking and refilling operating fluids	→	420
Starting assistance	→	377
⑤ Tow-starting or towing	→	379
⑥ Flat tire	→	367
⑦  Hazard warning light system	→	132
⑧ Fire extinguisher	→	366
⑨ Fuel filler flap with:		
information label on fuel type	→	190
QR code for accessing the rescue card	→	36
⑩ First-aid kit (soft sided)	→	366
⑪ TIREFIT kit	→	367
⑫ Warning triangle	→	365

Calling up the Digital Operator's Manual

Multimedia system:

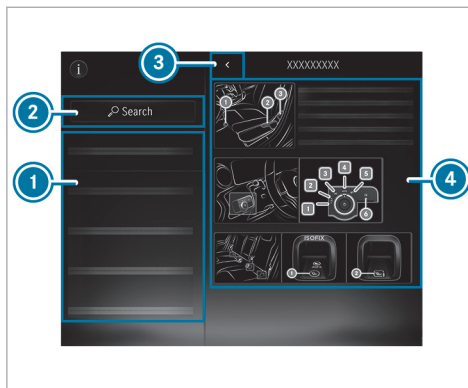
→  → Info → Operator's Manual
 → Open Digital Operator's Manual

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

▶ Select one of the following menu items in the Digital Operator's Manual:

- **Quick start:** find the first steps towards adjusting your seat (driver's side).
- **Tips:** find information that prepares you for certain everyday situations with your vehicle.
- **Animations:** watch animations of the vehicle functions.
- **Messages:** receive additional information about the messages on the driver display.
- **Language:** select the language for the Digital Operator's Manual.


You can search for keywords using the search field **Search** in order to find quick answers to questions regarding operation of the vehicle.



- ① Menu
- ② Search
- ③ Back
- ④ Contents section


Some sections in the Digital Operator's Manual, such as warning notes, can be expanded and collapsed.

Additional options for calling up the Digital Operator's Manual:


Driver display: call up brief information regarding display messages on the driver display. Pressing  will show brief information on the central display.

MBUX Voice Assistant: call-up via the voice control system

Global search: call up search results for contents of the Digital Operator's Manual in the home screen

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

Environmental protection

 **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 (e.g. roof luggage racks once you no longer need them).
- ▶ 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 vehicle while 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 vehicle in stationary traffic, e.g. by using the ECO start/stop function.
- ▶ Drive in a fuel-efficient manner. Observe the ECO display for an economical driving style.

Vehicles with EQ technology

 **ENVIRONMENTAL NOTE** Environmental pollution caused by irresponsible disposal of the high-voltage battery

A high-voltage battery contains materials which are harmful to the environment.

- ▶ Dispose of defective high-voltage batteries at a qualified specialist workshop.

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.

Mercedes-Benz GenuineParts



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

Air bags 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
- sill
- seats
- cockpit
- driver's display
- 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 accessories retrofitted 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 that have not been approved by Mercedes-Benz. Safety-critical systems (e.g. the brake system) may malfunction. Use only Mercedes-Benz GenuineParts or parts of equal quality. Use only tires, wheels and accessory parts 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 Mercedes-Benz Service Centers maintain a supply of Mercedes-Benz GenuineParts for necessary service and repair work. In addition, strategically located parts delivery centers ensure quick and reliable parts service.

Always specify the vehicle identification number (VIN) (→ page 418) when ordering Mercedes-Benz GenuineParts.

Operator's Manual

This Operator's Manual and the Digital Operator's Manual in the vehicle describe the following models and the standard and special equipment for your vehicle:

- The models and the standard and special equipment available at the time of this Operator's Manual going to press.
- The models and the standard and special equipment available only in certain countries.
- The models and the standard and special equipment that will become available only at a later date.

Please note that your vehicle may not be equipped with all features described. This also applies to systems relevant to safety. The equipment on your vehicle may therefore differ from that in the descriptions and illustrations.

The original purchase agreement for your vehicle includes a list of the equipment in your vehicle at the time of delivery.

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

- ⓘ Please bear in mind that all the speed figures stated in this Operator's Manual are approximate and are subject to a certain tolerance.

The Operator's Manual, Supplement, further supplementary documents and Maintenance Booklet (USA only) are important documents and should be kept in the vehicle.

Touch-sensitive controls

In addition to conventional switches and buttons, your vehicle is equipped with touch-sensitive controls.

These are located in the following areas of your vehicle:

- Roof and door control panel
- Climate control
- Steering wheel
- MBUX multimedia system

The controls have touch-sensitive user interface surfaces. You can control these surfaces by pressing or swiping to adjust settings or to trigger functions, for example.

The touch-sensitive interface on the touchscreen also provides haptic feedback in the form of pulses, vibrations or changes in the surface structure, for example.

You will receive haptic feedback in the following situations, for example:

- When pressing a button on the user interface
- When scrolling in a list or table
- When you reach a new area on the user interface, e.g. a pop-up window

When using touch-sensitive user interfaces, note the following points to avoid problems:

- Do not affix stickers or similar objects to the surfaces.
- Do not attach smartphone holders or other mountings to the surface of the central display.

- Keep the surfaces protected from moisture and wet conditions.
- Keep the surfaces free of dust and dirt (→ page 361).

Some touch-sensitive controls have both a symbol and integrated indicator lamps. Be sure to press on the symbol of the control element when using it.

Mercedes me App

Notes about the on-demand feature

You can also activate various functions (on-demand feature) subsequently via Mercedes me after purchasing your vehicle.

Information is available at any authorized Mercedes-Benz Center.

Activating on-demand feature using Mercedes me

Requirements

- The vehicle has a wireless connection.

- The vehicle is linked to the Mercedes me user account.

Ordering and activating on-demand feature

- ▶ Add the desired on-demand feature for the vehicle to the shopping basket in the Mercedes me Store.
- ▶ Complete the order.
The on-demand feature is activated when operating the vehicle.

Speeding up activation

- ▶ Switch the vehicle off and lock it.
- ▶ Unlock the vehicle after about two minutes and switch on the vehicle.
The on-demand feature has been activated. For some features, a notification also appears in the vehicle's multimedia system.

If the activation was not successful, repeat the process.

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 a Mercedes-Benz service outlet, or write to one of the following addresses:

in the USA:

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

in Canada:

Mercedes-Benz Canada, Inc.
2680 Matheson Blvd E, Suite 500
Mississauga, ON L4W 0A5

Maintenance

USA only:

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)

USA only: You can find further information in the Mercedes-Benz Roadside Assistance Program brochure.

Canada only: You can find further information in the "Roadside Assistance" section in the Warranty Information Guide. Please refer to Mercedes-Benz Canada's website:

<https://www.mercedes-benz.ca/en/owners/manuals> (English)

<https://www.mercedes-benz.ca/fr/owners/manuals> (French)

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 sim-

ply 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:



Operating safety

⚠ WARNING Risk of accident due to malfunctions or system failures

If you do not have the prescribed service/maintenance work or any required repairs carried out, this could result in malfunctions or system failures.

- ▶ Always have the prescribed service and maintenance work or any required repairs carried out in 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 the "Technical data".

⚠ WARNING Risk of fire caused by flammable material on hot exhaust system components

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 an unpaved road or off-road, check the vehicle underside regularly.
- ▶ In particular, remove trapped plant parts or other flammable material.
- ▶ 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.

Vehicles with EQ technology

A vehicle with EQ technology will have a combustion engine and at least one electric motor. The energy supply for operating the vehicle in electric mode is provided by the high-voltage on-board electrical system.

⚠ DANGER Risk of death and fire due to modified and/or damaged components of the high-voltage on-board electrical system

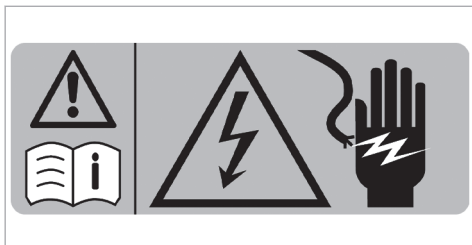
The vehicle's high-voltage on-board electrical system is under high voltage. If you modify component parts in the vehicle's high-voltage on-board electrical system or touch damaged component parts, you may be electrocuted. In addition, modified and/or damaged components may cause a fire.

In the event of an accident or impact to the underbody, components of the high-voltage electrical system may be damaged although the damage is not visible.

- ▶ Never make any modifications to the high-voltage on-board electrical system.
- ▶ Do not switch on or use the vehicle if its high-voltage on-board electrical system components have been modified or damaged.

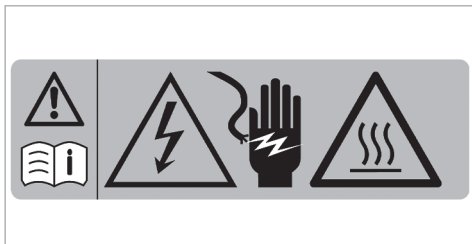
- ▶ Never touch damaged components of the high-voltage on-board electrical system.
- ▶ After an accident, do not touch any components of the high-voltage on-board electrical system.
- ▶ After an accident, have the vehicle transported away.
- ▶ Have the components of the high-voltage on-board electrical system checked at a qualified specialist workshop and replaced if necessary.

The components of the high-voltage on-board electrical system are marked with yellow warning stickers. The cables of the high-voltage on-board electrical system are orange.



Example

High-voltage components that can become very hot are marked with a separate warning sticker:



Vehicles with EQ technology are significantly quieter when stationary and in motion than vehicles with combustion engines.

In electric mode, the vehicle may not be heard by other road users owing to the significantly reduced noise generated when the vehicle is in motion and when at a standstill.

It is for this reason that the vehicle is equipped with a sound generator, which serves as an acoustic vehicle alerting system (AVAS). This protective measure is prescribed by law.

This exterior noise of the sound generator (AVAS) is audible in the vehicle interior at low speeds, and is not a malfunction.

Vehicles with a 48V on-board electrical system

⚠ DANGER Risk of fatal injury by touching damaged high-voltage components

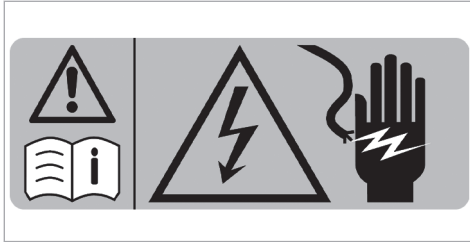
Vehicles with a 48 V on-board electrical system contain individual high-voltage components. These high-voltage components are under high voltage.

If you modify component parts of these high-voltage components or touch damaged component parts, you may be electrocuted.

High voltage components may be damaged in an accident, although the damage may not be visible.

- ▶ Never perform modifications to component parts of high-voltage components.
- ▶ Never touch damaged component parts of high-voltage components.
- ▶ Never touch component parts of high-voltage components after an accident.

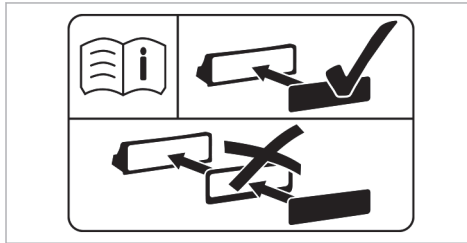
Vehicles with a 48V on-board electrical system contain high voltage components. These components are marked with a high-voltage label:



Example

All work on high voltage components must be carried out at a qualified specialist workshop.

Installing the license plate on the front license plate bracket



The information label can be found on the license plate bracket, either embossed or in sticker form.

! **NOTE** Malfunctions and system failures due to incorrect mounting of the license plate on the front license plate holder

If the license plate is incorrectly mounted on the front license plate holder, sensors, cameras or driving and safety systems may malfunction or fail.

Observe the following points when mounting the license plate on the front license plate holder:

- ▶ Mount the license plate directly on the license plate holder without advertising media or other holders.
- ▶ Mount the license plate so that it does not protrude above or to the side of the license plate adapter.

National information for components relevant to radio regulation

Information on crossing national borders

You must observe the radio regulations for the country in which you are currently operating your vehicle.

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

Canada: "This vehicle contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) These devices may not cause interference. (2) These devices must accept any interference, including interference that may cause undesired operation of the devices." "Les émetteurs/récepteurs dans ce véhicule sont conformes aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : 1) Ces appareils ne doivent pas produire de brouillage; 2) Ces appareils doivent

accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

Diagnostics connection

The diagnostics connection is a technical interface in the vehicle. It is used, for example, in the context of repair and maintenance work or for reading out vehicle data in a specialist workshop. Diagnostic devices should therefore only be connected in 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.

- ▶ For safety reasons, we recommend that you use and connect only products approved by an authorized Mercedes-Benz Service Center.

⚠ 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 will jeopardize the operating- and road safety of the vehicle.

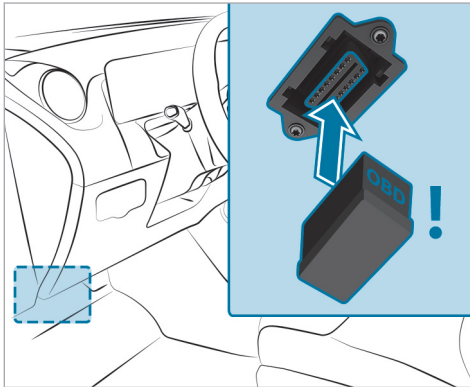
- ▶ Stow all objects in the vehicle securely so that they cannot get into the driver's footwell.
- ▶ Make sure that there is always sufficient clearance for the pedals.
- ▶ Always install the floor mats securely and as prescribed.
- ▶ Do not use loose floor mats and do not place floor mats on top of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

Please also observe the notes on the 12 V battery and on short-distance trips in the chapter "Driving and Parking" (→ page 166).



Connecting and using another device with the diagnostics connection can have the following effects:

- Malfunctions in the vehicle system
- Permanent damage to vehicle components

Please refer to the warranty terms and conditions for this matter.

Moreover, 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

A Mercedes-Benz service center is a qualified specialist workshop. It has the necessary special skills, tools and qualifications to correctly carry out the work required on your vehicle. This particularly applies to safety-critical work.

For the following, always have your vehicle checked at a Mercedes-Benz service center:

- Safety-critical work
- Service- and maintenance work
- Repair work
- Modifications as well as installations- and conversions
- Work on electronic components
- **Vehicles with EQ technology:** work on the hybrid drive system
- **Vehicles with 48 V on-board electrical system:** work on high-voltage components of the 48 V on-board electrical system

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 Operator's Manual, vehicle-specific supplements and further supplementary documents
- technical data for the vehicle
- traffic laws and regulations of the country you are currently driving in
- laws pertaining to motor vehicles and safety standards of the country you are currently driving in
- radio regulatory requirements of the country you are currently driving in

Notes for persons with electronic medical aids

Despite meticulous development of their vehicle systems, Mercedes-Benz AG cannot 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 can generate magnetic fields on a par

with permanent magnets, regardless of the operating status of the vehicle. These fields may occur in the area around the multimedia system and sound system, for example, or in the area around the seats, depending on the respective vehicle equipment.

In some cases, this could result in the following, depending on the aids used:

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

Vehicles with EQ Technology

When charging the high-voltage battery, keep a distance of at least an arm's length between the medical aid and the following components:

- the power supply equipment

This includes charging stations in the form of a wallbox or a public charging point, for example.

- vehicle components carrying live voltage
This includes the charging cable and the charging control box, for example.

Always have repairs and maintenance work in the area of the following components carried out at 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 any problem with your vehicle, particularly one that you believe may affect its safe operation, we urge you to contact a Mercedes-Benz Service Center immediately to have the problem diagnosed and rectified. If the problem is not resolved to your satisfaction there,

please contact a Mercedes-Benz Service Center again or write to 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 Assistance Center
2680 Matheson Blvd E, Suite 500
Mississauga, ON L4W 0A5

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 <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; 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 to the inside of 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 (e.g. the routing of the electric lines) in compact form.

You can find further information at: <https://rk.mb-qr.com/de/>

Data storage

Data processing in the vehicle

Electronic control units

There are electronic control units installed in your vehicle. Control units process data that they e.g. receive from vehicle sensors, generate themselves or exchange among themselves. Some control units are required for the safe operation of your vehicle. For example, some assist you when you are driving, such as driver assistance systems, while others enable convenience or infotainment functions.

The following provides you with general information regarding data processing in the vehicle. Additional information on what specific data is collected, stored and transmitted to third parties for what purpose in your vehicle can be found in the notes on the functional features in question in the respective operating instructions. These are

also available online and, depending on the equipment, digitally in the vehicle.

Personal data

Each vehicle is marked with a unique vehicle identification number. Depending on the country, this vehicle identification number can be used by, for example, government authorities to determine the identity of the owner. There are other possibilities for using data collected from the vehicle to identify the owner or driver, such as the license plate number.

The data generated or processed by control units may therefore be personal or, in certain circumstances, become personal. Depending on which vehicle data are available, it may be possible to make inferences about, for example, your driving behavior, your location, your route or your use patterns.

Legal requirements for the disclosure of data

If legal regulations exist, manufacturers are generally obligated to release data stored by the manufacturer to the necessary extent in individual cases at the request of state authorities. This may

be the case during the investigation of a criminal offense, for example.

Within the framework of applicable law, state authorities are also authorized to take data readouts from vehicles themselves in specific cases. In the event of an accident, for example, information readouts can be taken from the air bag control unit to help to establish what happened.

Operating data in the vehicle

Control units process data to operate the vehicle.

This includes the following data, for example:

- Vehicle status information such as speed, longitudinal acceleration, lateral acceleration, number of wheel revolutions or the fastened seat belts indicator
- Ambient conditions, such as temperature, rain sensor or distance sensor

As a rule, this data is volatile, is not stored beyond the operating time and is processed only in the vehicle itself. Control units (e.g. the vehicle key) often contain data memories. These are used to temporarily or permanently document information about the vehicle's operating state, component

stress, maintenance requirements or technical events and malfunctions.

Depending on the technical equipment, the following data will be stored:

- Operating status of system components (e.g. fill levels, tire pressure, battery status)
- Malfunctions or faults in important system components (e.g. lights, brakes)
- System reactions in special driving situations (e.g. air bag deployment, the intervention of stability control systems)
- Information on events leading to vehicle damage

In special cases, it may be necessary to store data that would otherwise only be volatile. This may be the case if the vehicle has detected a malfunction, for example.

If you use services such as repair services or maintenance work, stored operational data readouts can be taken and used together with the vehicle identification number, where necessary. Readouts can be taken by service network employees such as workshops and manufactur-

ers, or third parties, such as breakdown services. The same is true in the case of warranty claims and quality assurance measures.

The readout will usually be taken via the diagnostics connection in the vehicle, which is required by law. The operating data readout taken documents technical conditions of the vehicle or individual components and helps to diagnose malfunctions, meet warranty obligations and improve quality. This data, particularly information on component stress, technical events, operating errors and other malfunctions, will be transmitted to the manufacturer for this purpose together with the vehicle identification number if necessary. In addition, the manufacturer is subject to product liability. For this reason, the manufacturer also uses operational data from the vehicle for e.g. recalls. This data can also be used to check customer claims for warranty and guarantee.

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

Comfort and infotainment functions

You can save comfort settings and individualization in the vehicle and change or reset them at any time.

Depending on the vehicle equipment, this includes the following settings, for example:

- Seat positions and steering wheel positions
- Suspension tuning and climate control settings
- Custom settings (e.g. interior lighting)

You can incorporate data into the vehicle's infotainment functions yourself as part of the selected equipment.

Depending on the vehicle equipment, this includes the following data, for example:

- Multimedia data (e.g. music, films or photos for playback in an integrated multimedia system)
- Address book data for use in conjunction with an integrated hands-free system or an integrated navigation system

- Navigation destinations that have been entered
- Data about the use of internet services

This data for comfort and infotainment functions can be saved locally in the vehicle or stored on a device that you have connected to the vehicle (e.g. smartphone, USB flash drive or MP3 player). If you have entered data yourself, you can delete it at any time.

The transfer of this data out of the vehicle will take place exclusively at your request. This applies in particular when you are using online services according to the settings you have selected.

Smartphone integration (e.g. Android Auto or Apple CarPlay®)

If your vehicle is equipped appropriately, you can connect your smartphone or another mobile device to the vehicle. You will then be able to control them using the controls integrated in the vehicle. The smartphone's picture and sound can be output via the multimedia system. Specific items of information will also be transferred to your smartphone. Depending on the type of integra-

tion, this may include position data, day/night mode and other general vehicle statuses. Please refer to the vehicle Operator's Manual / infotainment system operating instructions for further information.

This integration allows the use of selected smartphone apps (e.g. navigation apps, music player apps). There will be no further interaction between your smartphone and the vehicle; in particular, vehicle data will not be directly accessible. The type of additional data processing is determined by the provider of the app being used. Whether you can configure settings for it and, if so, which ones, depend on the app and your smartphone's operating system.

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 made possible by the vehicle's own transmitter and receiver or by a mobile end device that you have brought into the vehicle, for

example, a smartphone. Online functions can be used via the wireless network connection. This includes online services and applications/apps provided to you by the manufacturer or by other providers.

Manufacturer's services

Regarding the manufacturer's online services, the individual functions are described by the manufacturer in a suitable place, for example, in the Operator's Manual or on the manufacturer's website, where the relevant data protection information is also given. Personal data may be used for the provision of online services. Data is exchanged via a secure connection, such as the manufacturer's designated IT systems. Any personal data which is collected, processed and used, other than for the provision of services, is done so exclusively on the basis of legal permission. This is the case, for example, for a legally prescribed emergency call system, a contractual agreement or when consent has been given.

You can have services and functions, some of which are subject to a fee, activated or deactivated. This excludes legally prescribed functions and services, such as an emergency call system.

Third-party services

If you use online services from other providers (third parties), these services are the responsibility of the provider in question and subject to that provider's data protection conditions and terms of use. As a general rule, the manufacturer has no influence on the content exchanged.

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

Data protection rights

Depending on your country or the equipment and range of functions of your vehicle as well as the services you use and the services on offer, you are entitled to different data protection rights. Further information on data protection and your data protection rights can either be found on the manufacturer's website or you will receive this information as part of the various services and service offers. There you will also find the contact

information for the manufacturer and its data protection officers.

At a workshop, for example, with the support of a specialist and possibly for a fee, you can have data read out which is stored only locally in the vehicle.

[MBUX multimedia system/Mercedes me connect](#)

If the vehicle is equipped with the MBUX 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 MBUX multimedia system or Mercedes me connect.

For additional information, please refer to the "MBUX multimedia system" section and/or the Mercedes me connect Terms and Conditions.

[Event data recorder](#)

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 air bag 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 passenger safety 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.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur. NOTE: EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are

recorded. However, other parties, such as law enforcement could combine the 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, such as law enforcement, that have the special equipment, can read the information if they have access to 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 owners 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 Dec 2016, 17 states have enacted laws relating to EDRs.

Copyright

Free and open source software

Information on licenses 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.
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Brief overview of the most important points

Basic information

In particular ensure the following conditions to enable the components of the restraint system to unfold their protective potential:

- Sit correctly (→ page 43).
- Fasten the seat belt correctly (→ page 44).
 - Function of the  seat belt warning lamp (→ page 46).
 - Function of the rear seat belt status display (→ page 47).
- The  restraint system warning lamp has gone out after the self-test (→ page 45).
- The PASSENGER AIR BAG indicator lamps display the correct status of the front passenger air bag (→ page 47).

For clear understanding

The chapter "Occupant safety" includes information on equipment, functions and behaviors that contribute directly to safety of vehicle occupants.

The information is structured as follows:

- **The most important information in brief:** in this chapter, you are provided with an overview of the relationship between the restraint system and the correct behavior of all vehicle occupants.
- **Specific information:** in further sections of the chapter "Occupant safety", you can find specific information on the equipment and functions of the restraint system.
- **Keyword directory:** you can also find certain subjects in this Operator's Manual using the keyword directory.

Information on the following subjects, among others, are not provided in the chapter "Occupant safety":

- Children in the vehicle (→ page 61)
- Driving and driving safety systems (→ page 212)
- Stowage areas (→ page 119)

Defining generic terms clearly

In this Operator's Manual, the following generic terms are used:

- **Occupant safety:** comprises the components and system functions which help to minimize, as much as possible, the stresses on and consequences for vehicle occupants during an accident.
- **Restraint system:** comprises those components which, along with the vehicle structure, help prevent vehicle occupants from potentially coming into contact with parts of the vehicle interior. The seat belts and air bags, for example, are components of the restraint system.
- **Child restraint system:** you can find all information on this subject in the chapter "Children in the vehicle" (→ page 61).

Be diligent

For the components of the restraint system to provide the intended level of protection, it is essential that your posture is correct and that the seat belt is correctly fastened.

Please bear in mind that carelessness regarding the seating position and putting on the seat belt may have serious consequences. Be diligent and make sure that all vehicle occupants are sitting correctly and have fastened their seat belts properly before starting every journey.

Information on the correct seat position

The seat position must be correct in order for the components of the restraint system to provide the intended level of protection.

The seat position influences both the protection provided by the seat belt and the additional protection provided by the air bag.

The correct seat position with an almost upright posture and a correctly fastened seat belt also reduce the risk posed by the air bag when it is deployed.

When choosing the seat, take note of the available space. When you are sitting with the right posture in a nearly upright position, your head should not touch the soft top.

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

If you deviate from the correct seat position, the air bag cannot provide its intended protective function.

Each vehicle occupant must make sure of the following.

- ▶ Put the seat in the correct position.
- ▶ Fasten seat belts correctly. Pregnant women must take particular care to ensure that the lap belt never lies across the abdomen.
- ▶ Observe the following information.

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

- Before starting your journey, adjust your seat correctly (→ page 104).

When doing so, make sure you are able to fasten your seat belt correctly. The shoulder belt strap must be routed forward from the seat belt outlet over the center of your shoulder.

- Keep your distance from the air bags, especially the front air bags. Set the driver's seat and front passenger seat as far back as possible while making sure the seat belt is fastened correctly.
- If persons are sitting on the rear seats, vehicle occupants should maintain a sufficient distance to the parts of the vehicle interior in front of them.
- Make sure there are no people, animals or objects between the vehicle occupants and an air bag.
- If you are the driver, observe the following information on the correct position of the driver's seat (→ page 104).

Hold the steering wheel only by the steering wheel rim. This allows the driver's air bag to fully deploy.

- Assume a nearly upright position, with your buttocks as far back as possible in the gap between the seat cushion and seat backrest.

This ensures that your back lies as flat and firmly as possible against the seat backrest.

44 Occupant safety – Brief overview of the most important points

- While driving, do not lean forward and do not lean against the door or side window. You may otherwise be in the deployment area of the air bags.
- Sit with your feet resting on the floor, if possible. Your thighs are slightly supported by the seat cushion

Do not put your feet up on the cockpit, for example. Your feet may otherwise be in the deployment area of the air bag.

- Fasten the seat belt correctly.

Notes on wearing the seat belt correctly

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

Front seats:

⚠ 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.

Rear seats: Please also observe the notes on height restrictions on the rear seats (→ page 105) and the "Children in the vehicle" section (→ page 61).

Each vehicle occupant must observe the following notes in particular:

- The seat belt must not be twisted:
- The shoulder belt strap must be routed forward from the seat belt outlet over the center of your shoulder.
- The shoulder belt strap should neither touch your neck nor be routed under your arm or behind your back.
- The lap belt must be routed as low down across the hips as possible.

In addition, push the lap belt down as far as possible across your hips and pull tight with the shoulder belt strap. Never route the lap belt across your abdomen.

Pregnant women must also take particular care with this.

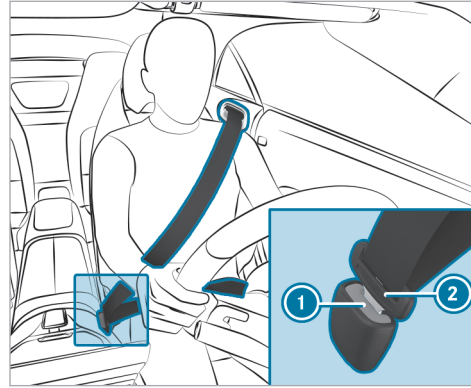
- The shoulder belt strap and lap belt must fit snugly against the body after being tightened.
- Avoid wearing bulky clothing, e.g. a winter coat.
- Never route the seat belt across sharp, pointed, abrasive or fragile objects.

- Only one person should use each seat belt at any one time.
- Never secure objects with a seat belt if the seat belt is also being used by one of the vehicle's occupants.

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

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.


! **NOTE** Deployment of components of the restraint system when the front passenger seat is unoccupied and a seat belt is buckled

When the front passenger seat is unoccupied and the seat belt tongue of the seat belt is engaged in the seat belt buckle, components of the restraint system may deploy unnecessarily on the front passenger side, e.g. the Emergency Tensioning Device.



- ▶ Only buckle the seat belts as intended.


i Observe the information on the special seat belt retractor of the seat belt (→ page 69).

Function of the restraint system warning lamp

When the vehicle is switched on, a self-test will be performed, during which the  restraint system warning lamp will light up. It will disappear no later than a few seconds after the vehicle is started. The components of the restraint system will then be functional.

A malfunction has occurred in the restraint system if:

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

If components of the restraint system have been deployed, the  restraint system warning lamp will light up continuously.

⚠ 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.

Plug-in hybrid: if the restraint system is malfunctioning, the automatic high voltage emergency shutoff may not function.

⚠ DANGER Risk of fatal injuries due to malfunctions of the automatic high-voltage emergency shutoff


In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended.

You may be electrocuted if you touch the damaged component parts of the high-voltage on-board electrical system.


- ▶ Have the automatic high-voltage emergency shutoff checked and repaired immediately at a qualified specialist workshop.
- ▶ After an accident, switch off the vehicle immediately.

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

Function of the seat belt warning lamp

The  seat belt warning lamp on the driver display alerts you to the fact that the driver

and/or front passenger are not wearing their seat belts.

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

All vehicle occupants must fasten their seat belts correctly (→ page 44).

In addition, a warning tone may sound.

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

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

- The driver or front passenger has not fastened their seat belt and the following criteria apply:
 - The vehicle speed exceeds 5 mph (9 km/h) for more than 20 seconds.
 - The vehicle speed exceeds 15 mph (25 km/h) once.
- The driver or front passenger unfastens their seat belt while the vehicle is in motion.

Function of the rear seat belt status display

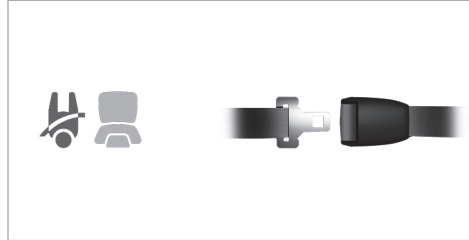
The rear seat belt status display in the driver's display is a reminder that all vehicle occupants must wear their seat belts correctly.

In addition, a warning tone may sound.

If a person unfastens a seat belt in the rear passenger compartment while the vehicle is motion, the rear seat belt status display appears again.

Display in the driver's display

Every time the vehicle is switched on, the rear seat belt status display informs you for a certain amount of time which rear seat belt is not fastened.



You can determine the status of the rear seat belt by the color of the seat symbol in the driver's display as follows:

- Gray: the rear seat belt is not fastened.
- Green: the seat belt tongue of a rear seat belt is engaged in the seat belt buckle of the displayed seat.
- Red: the person in the rear seat has unfastened their seatbelt.

Function of the PASSENGER AIR BAG indicator lamps (front passenger air bag)



The PASSENGER AIR BAG indicator lamps display the status of the front passenger air bag.

If the front passenger seat is occupied or a child restraint system is mounted on the front passenger seat, you must ensure, both before and during the journey, that the status of the front

passenger air bag is correct for the current situation.

⚠ WARNING Risk of potentially fatal injuries due to objects trapped under the front passenger seat

Objects trapped under the front passenger seat may interfere with the function of the automatic front passenger air bag shutoff or damage the system.

- ▶ Do not stow any objects under the front passenger seat.
- ▶ When the front passenger seat is occupied, ensure that no objects have become trapped beneath the front passenger seat.

Self-test: when the vehicle is switched on, both the PASSENGER AIR BAG ON and OFF indicator lamps will light up simultaneously for several seconds.

After the self-test, you can determine the status of the front passenger air bag as follows:

- **Front passenger air bag disabled:** PASSENGER AIR BAG OFF lights up continuously.

The front passenger air bag will not be deployed in the event of an accident. If PASSENGER AIR BAG OFF is lit, no one may use the front passenger seat.

If a rearward-facing child restraint system is installed on the front passenger seat, PASSENGER AIR BAG OFF must be lit continuously.

- **Front passenger air bag enabled:** PASSENGER AIR BAG ON lights up for up to 60 seconds or until both the PASSENGER AIR BAG ON and OFF indicator lamps go out.

The front passenger air bag may be deployed during an accident. If the front passenger air bag has this status, a rearward-facing child restraint system must not be installed on the front passenger seat.

- ⓘ If you are driving with a child in the vehicle, observe the information in the chapter entitled "Children in the vehicle" (→ page 61)

⚠ 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.

Malfunction on automatic front passenger air bag shutoff

The PASSENGER AIR BAG OFF indicator lamp and the  restraint system warning lamp light up simultaneously.

In this case, no one may use the front passenger seat and no child restraint system may be installed on the front passenger seat.

Have the automatic front passenger air bag shutoff checked and repaired immediately at a qualified specialist workshop.

Be sure to also observe the following further related topics:

- Child restraint system on the front passenger seat (→ page 64)

Disabling or enabling the front passenger air bag

The automatic front passenger air bag shutoff can disable or enable the front passenger air bag and front passenger knee bag according to the situation.

This happens automatically as a result of the classification of the person or child restraint system on the front passenger seat.

You cannot manually disable or enable the front passenger air bag.

Also observe the following information:

- For the status of the front passenger air bag, see "Function of the PASSENGER AIR BAG indicator lamps" (→ page 47)
- For information on using the automatic front passenger air bag shutoff, see "Information on the automatic front passenger air bag shutoff" (→ page 50)
- If you are driving with a child in the vehicle, observe the chapter "Children in the vehicle" (→ page 61)

Information on the child restraint system

When installing a child restraint system, observe the notes in "Children in the vehicle" (→ page 61).

Notes on the child restraint system on the front passenger seat

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

If the front passenger air bag is enabled, a child on the front passenger seat may be struck by the front passenger air bag in the event of an accident.

▶ NEVER use a rearward-facing child restraint system on a seat with an ENABLED FRONT AIR BAG. This can result in the DEATH of or SERIOUS INJURY to the CHILD.

Also pay particular attention to the notes on rearward-facing or forward-facing child restraint systems on the front passenger seat (→ page 64).

Information on the automatic functions of the restraint system

Function of automatic front passenger air bag shut-off

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

- Sit correctly (→ page 43).
- Fasten seat belts correctly (→ page 44).

The automatic front passenger air bag shutoff can disable or enable the front passenger air bag and front passenger knee bag according to the situation.

Make sure you observe the following information:

- The status of the front passenger air bag; see "Function of the PASSENGER AIR BAG indicator lamps"(→ page 47).
- When installing a child restraint system on the front passenger seat, observe the vehicle-specific information (→ page 64).

Status of the front passenger air bag in relation to the stature of the person:

- **Front passenger air bag disabled:** PASSENGER AIR BAG OFF lights up continuously.

The front passenger air bag will not be deployed in the event of an accident. If PASSENGER AIR BAG OFF is lit, no one may use the front passenger seat.

- **Front passenger air bag enabled:** PASSENGER AIR BAG ON lights up for up to 60 seconds or until both the PASSENGER AIR BAG ON and OFF indicator lamps go out.

The front passenger air bag may be deployed during an accident. Observe the following information on the correct seat position (→ page 43).

Vehicles with rear seats: a person of smaller stature should use a rear seat.

System limits

The front passenger air bag may otherwise be disabled by mistake, e.g. in the following situation:

- 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 seat surface.

! **NOTE** Deployment of components of the restraint system when 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.

- ▶ Store objects in a suitable place.
- ▶ Only one person should use each seat belt at any one time.

Depending on the detected accident situation, the head air bag on the front passenger side may deploy. The air bag will be deployed regardless of whether the front passenger seat is occupied.

Function of 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:** moving the front passenger seat to a more favorable seat position.
- **PRE-SAFE® Sound:** provided that the multimedia system is switched on, generating 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.

Reverting the PRE-SAFE® system measures

If an accident did not occur, the pre-emptive measures that were taken will be 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 will release.

Function of PRE-SAFE® PLUS (anticipatory occupant protection plus)

PRE-SAFE® PLUS can detect certain impacts, particularly an imminent rear impact, and take pre-emptive measures to protect the vehicle occu-

pants. These measures may not necessarily prevent an imminent impact.

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

- Tightening the seat belts on the driver's seat and front passenger seat.
- Increasing brake pressure when the vehicle is stationary. This brake application is canceled automatically when the vehicle pulls away.

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

System limits

The system will not initiate any action in the following situations:

- If the vehicle is backing up

The system will not initiate a brake application in the following situations:

- During a journey
or
- When the vehicle is entering or exiting a parking space using Active Parking Assist

Seat belt adjustment function

Vehicles with PRE-SAFE®: after a front seat belt has been fastened, the automatic seat belt adjustment may apply a certain tightening force by gently pulling taut from the shoulder. Do not hold onto the seat belt while it is adjusting.

You can activate and deactivate the seat belt adjustment function using the multimedia system.

Activating/deactivating seat belt adjustment via the multimedia system

Multimedia system:

→  » Settings » Vehicle

» Occupant Protection

▶ Activate or deactivate **Belt adjustment**.

Overview of automatic measures after an accident

Depending on the type and severity of the accident, and depending on the vehicle's equipment, the following measures may be implemented, for example:

- automatic braking (post-collision brake)
- activating the hazard warning lights
- triggering an automatic emergency call (→ page 344)
- switching off the engine

To start the vehicle again, switch the vehicle off and back on (→ page 162). Depending on the type and severity of the accident, the vehicle may no longer start.

- shutting off the fuel supply
- **Plug-in hybrid:** shutting off the hybrid drive system and high-voltage on-board electrical system
- unlocking the vehicle doors
- lowering the side windows
- displaying the emergency guide on the central display

- switching on the interior lighting

Function of the post-collision brake after an accident

Depending on the accident situation, the post-collision brake can minimise the severity of a further collision or even avoid it.

If an accident is detected, the post-collision brake can initiate automatic braking. When the vehicle has come to a standstill, the electric parking brake is automatically applied.

The driver can cancel automatic braking by taking the following actions:

- Braking more strongly than automatic braking
- Fully depressing the accelerator pedal with force

Information on the roll bar

If the roll bar function is malfunctioning, the **Restraint System Malfunction Service Required** (→ page 432) display message will appear.

⚠ DANGER Risk of injury or death due to a malfunction of the roll bars

The roll bars cannot protect vehicle occupants as intended.

- ▶ Have the roll bars checked immediately at a qualified specialist workshop.

⚠ WARNING Risk of injury when the roll bars are triggered

There is a risk of injury.

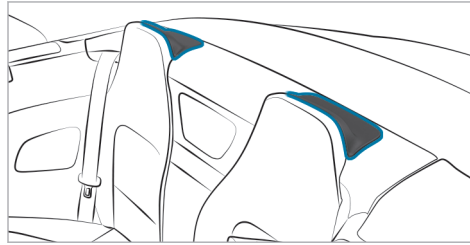
Always make sure that there is nothing in the sweep area behind the rear seats.

⚠ WARNING Danger of injury or death due to obstructed roll bars

If you leave objects or items of clothing on the covers of the roll bars, the roll bars cannot protect as intended.

Furthermore, the objects may endanger vehicle occupants when the roll bars extend.

- ▶ Always make sure that there is nothing in the sweep of the roll bars.
- ▶ Always stow and secure objects in the vehicle correctly.




The roll bars are under the covers behind the rear seats. They extend if systems detect that the vehicle is in danger of overturning.

Once the roll bars are extended, an open soft top can no longer be closed. In this case, visit the nearest qualified specialist workshop.

Purpose and function of the restraint system

Overview of deployment situations (restraint system)

Make sure that the following prerequisites in particular have been met so that the components of the restraint system are able to provide the intended level of protection:

- Sit correctly (→ page 43).
- Fasten the seat belt correctly (→ page 44).
 - Function of the seat belt warning lamp (→ page 46).
 - Function of the rear seat belt status display (→ page 47).
- The restraint system warning lamp  is not lit up after the self-test (→ page 45).
- The PASSENGER AIR BAG indicator lamps display the correct status of the front passenger air bag (→ page 47).

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 air bag, front passenger air bag: frontal impact
- Knee air bag: frontal impact
- Side impact air bag: side impact, rollover
- Head air bag: side impact, rollover, frontal impact

The installation location of an air bag is identified by the AIRBAG symbol (→ page 60).

Observe the information on the function of the restraint system (→ page 54).

Information on how the restraint system works

The function of the restraint system depends on the severity of the impact detected and the apparent type of accident.

For more information about types of accidents, see "Overview of deployment situations" (→ page 53).

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 of the components of the restraint system must take place in good time at the start of the impact.

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

The vehicle may be deformed significantly without an air bag being deployed. This is the case if only parts that are relatively easily deformed are affected and the rate of vehicle deceleration is not high. Conversely, an air bag may be deployed even though the vehicle suffers only minor deformation. If very rigid vehicle parts, such as longitudinal members, are hit, the vehicle deceleration may be high enough for this to happen.

Depending on the apparent type of accident and the detected deployment situation, Emergency Tensioning Devices and/or air bags supplement the protection offered by a correctly worn seat belt.

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

Potential protection provided by each air bag:

- Knee air bag: thighs, knees and lower legs
- Driver's air bag, front passenger air bag: head and ribcage
- Head air bag: head
- Side air bag: ribcage and pelvis

However, no system available today can completely eliminate injuries and fatalities in every accident situation. In particular, the seat belt and air bag 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 air bag deploying.

Mercedes-Benz recommends that you have the vehicle towed to a qualified specialist workshop after an accident. Take this into account, particu-

larly if a Emergency Tensioning Device has been triggered or an air bag deployed.

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

- The bang will not generally affect your hearing.
 - In general, the fine powder released is not hazardous to health but may cause short-term breathing difficulties to persons suffering from asthma or other respiratory problems.
- Provided it is safe to do so, leave the vehicle immediately or open the window in order to prevent breathing difficulties.

Air bags 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/>. You can use the search function to find information on perchlorate, for example.

Information on the limited protection provided by the restraint system

Risk due to the incorrect behavior of vehicle occupants

Every vehicle occupant must make sure of the following in particular:

- They observe the information on the correct seat position (→ page 43).
- There are no heavy, sharp-edged or fragile objects in the pockets of their clothing. Store such objects in a suitable place.

⚠ 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.

In particular, you could slip beneath the seat-belt and become injured.

- ▶ Adjust the seat properly before beginning 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.

Risk due to objects in the vehicle interior

Every vehicle occupant must make sure of the following in particular:

- They observe the information on the correct seat position (→ page 43).
- 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 heavy, sharp-edged or fragile objects in the pockets of their clothing. Store such objects in a suitable place.

⚠ WARNING Risk of injury or death due to blocked seat belt buckle or seat belt anchorage

Objects next to the front seat that block the seat belt buckle or the moving seat belt anchorage on the front seat impair the function of the Emergency Tensioning Devices.

- ▶ Before starting the journey, make sure that there are no objects around the seat belt buckle or between the front seat and door.

⚠ WARNING Risk of injury from objects in the deployment area of an airbag

Objects in the deployment area of an airbag can hinder or prevent the correct deployment of the airbag.

The airbag may then deploy in an uncontrolled manner and may even cause additional injuries to the vehicle occupants by deploying. This may be the case in particular if the airbag is integrated into the seat.

- ▶ Always stow and secure objects correctly.
- ▶ Before commencing your journey, make sure that no objects are stowed in the deployment area of an airbag.

The installation location of an air bag is identified by the AIRBAG (→ page 60) symbol.

Risk due to installation of accessories

Do not attach accessories such as mobile navigation devices, mobile phones or cup holders within the deployment area of an air bag, e.g. on the cockpit, on the door, on the side window or on the side trim.

In addition, no connecting cables, tensioning straps or retaining straps may be routed or attached to the vehicle within the deployment area of an air bag. Always comply with the accessory manufacturer's installation instructions and, in particular, the notes on suitable places for installation.

⚠ WARNING Risk of injury or death due to unsuitable protective covers

Unsuitable protective covers mean that air bags can no longer protect vehicle occupants as they are designed to do.

- ▶ Use only protective covers approved by Mercedes-Benz for the seat in question.

In addition, the function of the automatic front passenger air bag shutoff could be restricted due to an unsuitable protective cover. If the front passenger seat is occupied, ensure that the PASSENGER AIR BAG indicator lamps display the correct status of the front passenger air bag (→ page 47).

Risk due to pets in the vehicle interior

⚠ 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.

Risk due to modification, damage or wear to the components of the restraint system

⚠ 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).

⚠ 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.

Use only seat belts that have been approved for your vehicle by Mercedes-Benz.

The seat is designed for the standard three-point seat belt. If you install a different multipoint seat belt, such as a four-point seat belt, the restraint system will not be able to provide the intended level of protection.

Depending on the type of vehicle, there may be openings in the seat backrest. These openings have no function.

⚠ 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.

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

If you change the cover of an airbag or attach objects, e.g. even stickers, to it, the airbag may no longer function as intended.

- ▶ Never modify the cover of an airbag.
- ▶ Do not attach any objects to the cover.

The installation location of an air bag is identified by the AIRBAG symbol (→ page 60).

⚠ WARNING Risk of injury if the cover of the head airbag is damaged

If the cover of a head airbag is damaged, the head airbag may no longer function as intended and may even cause additional injuries if deployed. In particular, the cover of the head airbag can be damaged by people sitting on it or by heavy objects.

- ▶ Before commencing your journey, make sure that the head airbag covers are undamaged. Have a damaged head air-

bag cover replaced immediately at a qualified specialist workshop.

- ▶ Never sit on the cover of the head airbag.
- ▶ Do not place heavy objects on the cover of the head airbag.

The head air bags are integrated into the beltline of the doors at the front and into the beltline of the side walls at the rear (→ page 60).

⚠ 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.

Risk due to components of the restraint system that have already been deployed

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

⚠ 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.

⚠ 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 air bags replaced immediately.

⚠ 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.

Seat belts

Releasing the seat belts

- ▶ Press the release button in the seat belt buckle and guide the seat belt back with the seat belt tongue.
- ⓘ When the seat belt retracts, a retraction force may be tangible through the active rolling up of the seat belt.

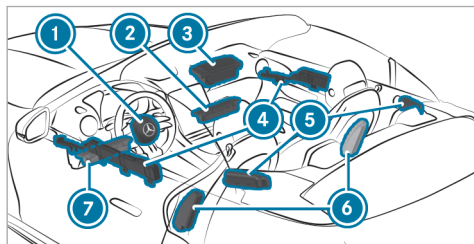
! **NOTE** Damage caused by trapping the seat belt

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.

Airbags

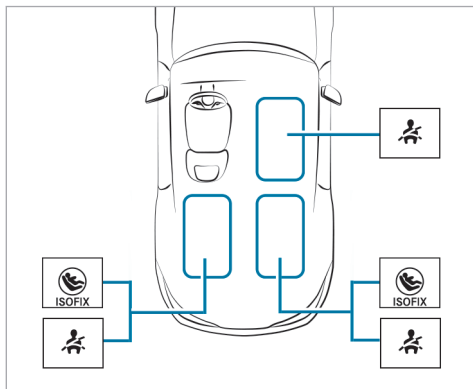
Overview of air bags



- ① Driver's air bag
- ② Front passenger knee air bag
- ③ Front passenger air bag
- ④ Head air bag (driver, front passenger)
- ⑤ Head air bag (occupant in the rear)
- ⑥ Side air bag (driver, front passenger)
- ⑦ Driver's knee air bag

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

Observe the information under "Overview of deployment situations" (→ page 53).

Key facts in brief**Safely transporting children in the vehicle**

Always observe the following when transporting children:

- Never leave children unattended in the vehicle (→ page 62).

- Secure children up to a height of 5 ft (1.50 m) on the seat (see illustration above) properly with a suitable and approved child restraint system, and secure small children in a rearward-facing child restraint system.
- Observe the child restraint system manufacturer's installation instructions.

Left/right rear seat


Preferred fastening system:

-  ISOFIX/LATCH child seat anchor (→ page 70)

Alternative fastening system:

-  Vehicle seat belt (→ page 71)

Front passenger seat

-  Vehicle seat belt (→ page 71)

Be sure to observe:

- 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 47).

- Notes on the automatic front passenger airbag deactivation (→ page 49).

Important safety notes**Basic information****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.

Never allow babies and children to travel sitting on the lap of another vehicle occupant.

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 the child restraint system to be installed:

Accident statistics show that children secured on the rear seats are generally safer than children secured on the front seats. For this reason, Mercedes-Benz strongly advises that you install a child restraint system to a rear seat.

Children up to a height of 4.4 ft (1.35 m) can travel in the child restraint system on the rear seats. Children 4.4 ft (1.35 m) to 5 ft (1.50 m) tall should travel in a suitable child restraint system on the front passenger seat.

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 seat backrest and seat belt guides

Observe laws and legal requirements

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

Securing systems for child restraint systems in the vehicle

Use only the following securing systems for child restraint systems:

- The ISOFIX mounting bracket (rear seats)
- The vehicle's seat belt system

Simply attaching to the ISOFIX mounting brackets on the vehicle can reduce the risk of installing the child restraint system incorrectly.

When securing a child with the integrated seat belt of the ISOFIX/LATCH child restraint system to the rear seats, always comply with the permissible gross weight for the child and child restraint system (→ page 70).

A child 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 child booster seat.

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

Observe standards for child restraint systems

All child restraint systems must meet the following standards:

- U.S. Federal Motor Vehicle Safety Standards 213
- Canadian Motor Vehicle Safety Standards 213

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

Important warning stickers

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.

- Always observe the vehicle-specific information.
 - Installing the ISOFIX/LATCH child restraint system on the right and left rear seats (→ page 70).
 - Securing the child restraint system with the seat belt (→ page 71).
- Observe the warning labels in the vehicle interior and on the child restraint system.

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

If the child restraint system is incorrectly mounted or unsecured, it may come loose.

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

Unused child restraint systems could be flung around and hit vehicle occupants.

- ▶ Always comply with the manufacturer's installation instructions for the child restraint system and its correct use.
- ▶ Always fit child restraint systems correctly, even if they are transported in the vehicle unused.

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 excessively.

Children could suffer burns from these parts, particularly the metallic parts of the child restraint system.

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

Observe when stopping or parking

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

If persons, particularly children, are subjected to prolonged exposure to intense heat or cold, there is a risk of severe injury or even death.

- ▶ Never leave persons, particularly children, unattended in the vehicle.

⚠ WARNING Risk of accident and injury if children are left unattended in the vehicle

If children are left unattended 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 gear.
 - 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 SmartKey out of the reach of children.

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

⚠ WARNING Risk of injury or fatal injury when using a rearward-facing child restraint system while the co-driver airbag is enabled

If you secure a child in a rearward-facing child restraint system on the co-driver seat and the

PASSENGER AIR BAG OFF indicator lamp is off, the co-driver airbag can deploy in the event of an accident.

The child could be struck by the airbag.

- ▶ Always ensure that the co-driver 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 67).

If it is absolutely necessary to install a child restraint system on the front passenger seat, always observe the following information:

- When a rearward-facing child restraint system is used on the front passenger seat, the front passenger air bag must always be disabled. This is the case only if the PASSENGER AIR

BAG OFF indicator lamp is lit continuously (→ page 47).

- The front passenger air bag is enabled when the PASSENGER AIR BAG OFF indicator lamp is not lit. The front passenger air bag may be deployed during an accident. In that case, do not use rearward-facing child restraint systems.

Information on the automatic front passenger air bag shutoff

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

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

Objects between the seat surface and the child restraint system can interfere with the function of the automatic front passenger air bag shutoff.

- ▶ Do not place any objects between the seat surface and the child restraint system.
- ▶ Make sure that the entire base of the child restraint system rests on the seat cushion of the front passenger seat.
- ▶ The backrest of a forward-facing child restraint system must, as far as possible, be resting against the seat backrest of the front passenger seat.
- ▶ Always comply with the installation instructions from the child restraint system manufacturer.

When installing a child restraint system to the front passenger seat, observe the vehicle-specific information (→ page 64).

Rearward-facing child restraint system on the front passenger seat

If a rearward-facing child restraint system is installed on the front passenger seat, the front passenger air bag must be deactivated. The PASSENGER AIR BAG OFF indicator lamp must light up continuously (→ page 47).

⚠ WARNING Risk of injury or fatal injury when using a rearward-facing child restraint system while the co-driver airbag is enabled

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

The child could be struck by the airbag.

- ▶ Always ensure that the co-driver 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.

i The front passenger air bag is enabled depending on the child restraint system and the stature of the child. The PASSENGER AIR BAG OFF indicator lamp does not light up. The front passenger air bag may be deployed during an accident. If the front passenger air

bag is in this status, no rearward-facing child restraint system may be installed on the front passenger seat. Instead, install the rearward-facing child restraint system on a suitable rear seat.

Forward-facing child restraint system on the front passenger seat

If a forward-facing child restraint system is installed on the front passenger seat, the front passenger air bag may be automatically enabled or disabled. The status of the front passenger air bag depends on the child restraint system and the stature of the child.

The PASSENGER AIR BAG OFF indicator lamp is either lit continuously, or it is not lit (→ page 47). Always observe the following information.

⚠ WARNING Risk of injury or death caused by incorrect positioning of the child restraint system

If you secure a child in a forward-facing child restraint system on the front passenger seat and you position the front passenger seat 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 air bag 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 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.

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

Be sure to also observe the following further related topics:

- Function of the automatic front passenger air bag shut-off (→ page 47)

Suitable child restraint systems for the transport of children

Information on the advantage of a rearward-facing child restraint system

Transport a baby in a suitable rearward-facing child restraint system only. It is also preferable to transport 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 cervical spine during an accident can be reduced in a rearward-facing child restraint system.

Securing the child restraint system

Adjusting the seat correctly


When installing a child restraint system on the left or right rear seat, always observe the following:

- ▶ Rear seat: make sure the child's feet do not touch the front seat. If necessary, move the front seat slightly forwards.
- ▶ Rear seat: when opening or closing the soft top, remove the child restraint system on the rear bench seat.

Children up to a height of 4.4 ft (1.35 m) can travel in the child restraint system on the rear seats. Children 4.4 ft (1.35 m) to 5 ft (1.50 m) tall should travel in a suitable child restraint system on the front passenger seat.

If the head restraint of the child restraint system cannot be fully extended when it is installed in the vehicle, this will result in restrictions on the maximum size setting for certain child restraint systems. Observe the child restraint system manufacturer's installation instructions.


- ⓘ Contact with the roof when the head restraint is fully extended and locked in place will not result in any restrictions on use.

 Also observe the following when installing an ISOFIX/LATCH child restraint system:

- ▶ **When using a rearward-facing child restraint system on a rear seat:** adjust the front seat so that it does not touch the child restraint system.
- ▶ **When using a forward-facing child restraint system with integrated child seat belt:** adjust the head restraint of the respective seat so that it does not push the child restraint system forwards. If necessary, the respective head restraint can be removed. In addition, the seat backrest of the child restraint system must lie as flat as possible against the backrest of the vehicle seat. After the child restraint system

has been removed, replace the vehicle head restraint immediately and adjust it correctly.


- ▶ The child restraint system must not be put under strain between the roof and the seat cushion and/or be installed facing the wrong direction. Where possible, adjust the seat cushion angle accordingly.
- ▶ Adjust the vehicle head restraints so that the child restraint system is not put under strain by the head restraint.

 **When installing a belt-secured child restraint system, also observe the following:**

- ▶ **When using a rearward-facing child restraint system on a rear seat:** adjust the front seat so that it does not touch the child restraint system.
- ▶ Remove the upper section of the seat backrest and fold the lower section of the seat backrest forward.
- ▶ When using a rearward-facing child restraint system: if installing a child seat requires you to do so, close the lower section of the seat backrest.

- ▶ Additionally fasten Top Tether if present .
- ▶ **When using a forward-facing child restraint system with integrated child seat belt:** adjust the head restraint of the respective seat so that it does not push the child restraint system forwards. If necessary, the respective head restraint can be removed. In addition, the seat backrest of the child restraint system must lie as flat as possible against the backrest of the vehicle seat. After the child restraint system has been removed, replace the vehicle head restraint immediately and adjust it correctly.
- ▶ The backrest of the forward-facing child restraint system must, as far as possible, be resting on the seat backrest of the rear seat.
- ▶ The child restraint system must not be put under strain between the roof and the seat cushion and/or be installed facing the wrong direction. Where possible, adjust the seat cushion angle accordingly.
- ▶ Adjust the vehicle head restraints so that the child restraint system is not put under strain by the head restraint.

- ▶ Make sure that the child's feet do not touch the front seat. If necessary, move the front seat slightly forwards.

 **Depending on the vehicle equipment, always observe the following when installing a belt-secured child restraint system on the front passenger seat:**

- ▶ Observe the notes on rearward-facing and forward-facing child restraint systems on the front passenger seat (→ page 64).
- ▶ **When using a forward-facing child restraint system integrated child seat belt:** remove the head restraint from the respective seat, if possible. After the child restraint system has been removed, immediately replace the head restraint and adjust it correctly.
- ▶ 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 be put under strain between the roof and the seat

cushion and/or be installed facing the wrong direction.

- ▶ Adjust the vehicle head restraints so that the child restraint system is not put under strain by the head restraint.
- ▶ Never place objects (e.g. cushions) under or behind the child restraint system.
- ▶ Set the front passenger seat as far back as possible and move the seat into the highest position if possible. 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 from the seat belt outlet and, where possible, downwards to the child restraint system.
- ▶ Fully retract the seat cushion length adjustment.
- ▶ Adjust the seat cushion inclination so that the front edge of the seat cushion is in the highest position and the rear edge of the seat cushion is in the lowest position.

- ▶ Set the seat backrest to the most vertical position possible.

Activating/deactivating the child seat safety feature 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 special seat belt retractor is deactivated and the child restraint system is no longer correctly secured. The seat belt is drawn in slightly by the inertia reel and cannot be immediately closed 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 child seat safety feature ensures that the seat belts of the front passenger

seat and rear seats do not slacken once the child restraint system is secured.

The seat belts on the following seats are equipped with a child seat safety feature:

- Front passenger seat
- Rear seats

Installing 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.

Activating the child seat safety feature:

- ▶ Pull the seat belt out fully and let the inertia reel retract it again. When the child seat safety feature is activated, you should hear a ratcheting sound.
- ▶ Push the child restraint system down until the seat belt sits tightly.

Deactivating the child seat safety feature:

- ▶ Press the release button of the seat belt buckle.
- ▶ Hold the seat belt tongue and guide it back to the seat belt outlet.

Installing an ISOFIX/LATCH child restraint system

⚠ WARNING Risk of injury or death if the permissible gross mass of the child and child restraint system together is exceeded.

Too much load may be placed on the LATCH-type (ISOFIX) or iSize child restraint systems and the child may not be restrained correctly in the event of an accident, for example.

- ▶ If the child is secured in a LATCH-type (ISOFIX) child restraint system with integrated seat belt, the total mass of the child and child restraint system must not exceed 73 lb (33 kg).

Always observe the information on the mass of the child:

- in the manufacturer's installation and operating instructions for the child restraint system used
- on a label on the child restraint system, if present

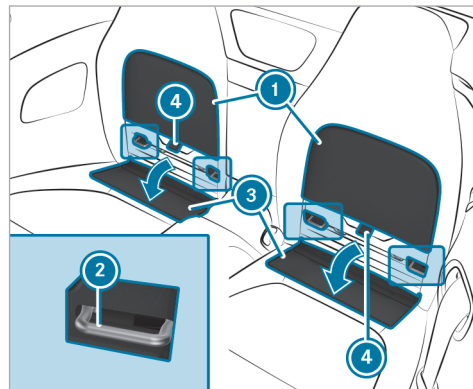
Regularly check that the permissible total mass of the child and child restraint system is still being adhered to.

When installing a child restraint system, also observe the following:

- Always observe the area of use and the suitability of the seats for attaching a child restraint system.

ISOFIX mounting brackets

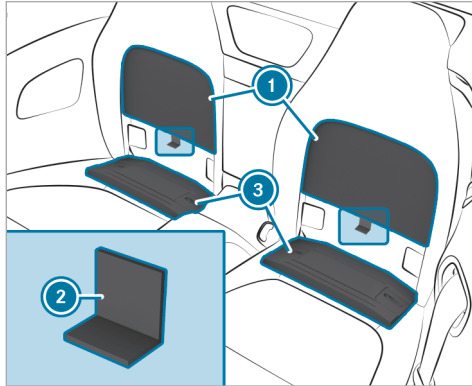
- ▶ Before every journey always ensure that the ISOFIX/LATCH child restraint system is engaged in both mounting brackets on the vehicle.

Rear seats

- ▶ Fold out covers ③ in the direction of the arrow.
- ▶ If necessary, pull loop ④ down to detach and remove seat backrest panel ①.
- ▶ Attach the ISOFIX/LATCH child restraint system to both mounting brackets ② in the vehicle.

- ▶ Store seat backrest panels ① in a safe place.
- ▶ When the child seat is removed again, replace covers ③.

Inserting the seat backrest panels:



- ▶ Hook seat backrest panel ① into the upper guide.

- ▶ Screw in seat backrest panel ① until it is level.
- ▶ Push catch ② upwards until seat backrest panel ① audibly engages.

Securing the child restraint system with the seat belt

The seat belts on the following seats are equipped with a child seat safety feature:

- Front passenger seat
- Rear seats

When enabled, the child seat safety feature ensures that the seat belts of the front passenger seat and rear seats do not slacken once the child restraint system is secured.

The child restraint system on the rear bench seat must be removed before you open or close the soft top.

- ▶ For a child restraint system in the "Universal" or "Semi-Universal" category, make sure that the system has been approved for the vehicle seat.

- ▶ **When installing on the rear seat:** remove the upper section of the seat backrest and fold the lower section of the seat backrest forward.

- ▶ **When using a rearward-facing child restraint system on the rear seat:** if installing a child seat requires you to do so, fold down the lower section of the seat backrest.

- ▶ Install the child restraint system. The entire base of the child restraint system must always rest on the surface of the 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 from the seat belt outlet and, where possible, downwards to the child restraint system.

- ▶ **When installing on the front passenger seat:** also secure Top Tether if present.


- ▶ **When installing on the front passenger seat:** if necessary, adjust the seat belt outlet and the front passenger seat accordingly.

Occupant presence reminder

Function of the occupant presence reminder


The occupant presence reminder can help to remind you about a child who may have been forgotten in the rear passenger compartment of the vehicle. It activates and deactivates automatically when a door is open for an extended period of time and when the seat backrest is also folded forward (on the same side as the door), and a child, which the system presumes to be present, could enter or exit the vehicle.

When the vehicle is switched off, the **Do Not Leave People or Animals in the Vehicle** message appears on the driver display if the system was already automatically activated.

You can permanently deactivate the function in the multimedia system (→ page 72). When the system is deactivated, the  indicator lamp in the driver display lights up.

Activating or deactivating the occupant presence reminder in the multimedia system

Multimedia system:

-  » Settings » Vehicle
- » Occupant Protection
- ▶ Activate or deactivate the function.

SmartKey

Overview of key functions

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

If you leave children unattended 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 by, for example:

- releasing the parking brake.
- changing the gearbox position.
- starting the vehicle.

▶ Never leave children unattended in the vehicle.

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

This also applies to the Digital Vehicle Key.

⚠ NOTE Damage to the SmartKey caused by magnetic fields



- ▶ Keep the SmartKey away from strong magnetic fields.



Vehicle key with panic alarm

- ① Opens/closes the trunk lid
- ② Unlocks (with embossed surface)

- ③ Locks
- ④ Indicator lamp
- ⑤ Panic alarm

i If indicator lamp ④ does not light up after you press the  or  button, the battery is weak or possibly discharged. Replace the battery as soon as possible.

Replace the key battery (→ page 76).

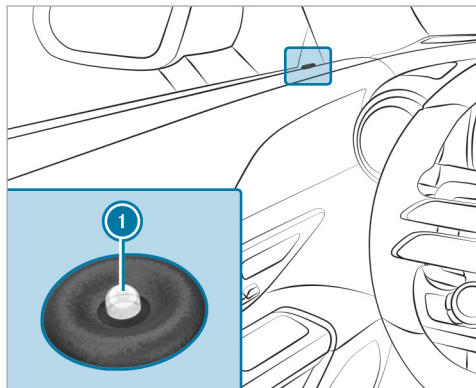
The key locks and unlocks the following components:

- Doors
- Fuel filler flap
- Socket flap (plug-in hybrid)
- Trunk lid

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

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

Indicator lamp of the vehicle locking system



Indicator lamp ① in the trim on the driver's side will flash when the vehicle is locked from the outside.

In the following cases, indicator lamp ① will remain off:

- when the vehicle is locked from inside
- while the vehicle is in motion

Activating/deactivating the acoustic locking verification signal

Multimedia system:

- ▶ ▶ Settings ▶ Vehicle
- ▶▶ Open/Close
- ▶ Switch the **Acoustic Lock** on or off.

Activating/deactivating the panic alarm

Requirements

- The vehicle 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. A key belonging to the vehicle must be detected in the vehicle.

Changing the unlocking settings


Possible unlocking functions of the key:

- Central unlocking
 - Unlocking the driver's door and fuel filler flap
 - **Plug-in hybrid:** unlocking the driver's door and fuel filler flap/socket 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 the fuel filler flap are unlocked.

Options if the unlocking function for the driver's door and fuel filler flap / socket flap has been selected (plug-in hybrid):





- **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 the fuel filler flap / socket flap are unlocked.

Deactivating the function of the key

Vehicles with KEYLESS-GO: if you deactivate the function of the SmartKey, the KEYLESS-GO functions will also be deactivated. Access or drive

authorization by KEYLESS-GO will then no longer be possible with that particular SmartKey. Activate the function of the SmartKey so that all its functions will again be available.

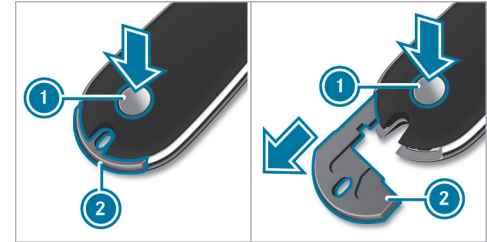
You can also deactivate the function of the SmartKey to reduce the energy consumption of the SmartKey if you do not use the vehicle or a SmartKey for an extended period of time.




- ▶ Press and hold the  button on the SmartKey.
- ▶ With the key button  pressed, immediately press key button  twice in quick succession. The indicator light of the key lights up once briefly and once for a long time.
- ▶  The following options for re-activating the SmartKey are available:

- Press any button on the SmartKey.
- Start the vehicle with the SmartKey in the marked space in the center console (→ page 163).

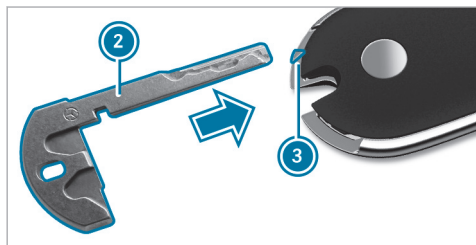
Removing/inserting the emergency key

Removing the emergency key



- ▶ Press the release knob .
- ▶ The emergency key  is pushed out slightly.
- ▶ Fully remove the emergency key .

Inserting the emergency key



▶ Insert the emergency key ② up to the marking ③ until it engages.

① You can use the emergency key ② to attach the key to a key ring.

Replacing the key battery

⚠ DANGER Risk of fatal injuries due to swallowing batteries

Batteries contain toxic and corrosive substances. If batteries are swallowed or otherwise

enter the body, severe internal burns can occur within two hours.

There is a risk of fatal injury.

- ▶ Keep batteries out of the reach of children.
- ▶ If the battery compartment cover and/or lid do not close securely, stop using the key and keep it away from children.
- ▶ If batteries are swallowed or otherwise enter the body, seek immediate medical attention.



ENVIRONMENTAL NOTE Environmental damage due to improper disposal of batteries



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



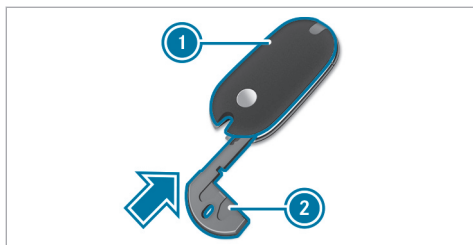
Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.

Requirements

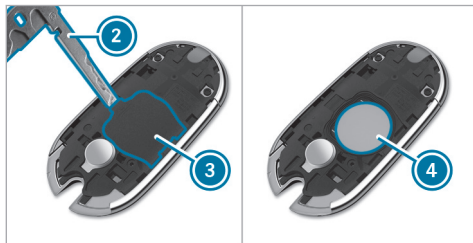
- You require a CR 2032 3 V cell battery.

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

▶ Remove the emergency key (→ page 75).



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



- ▶ Insert emergency key ② into the opening and lift up covering ③ and remove it.
- ▶ Repeatedly tap the key against your palm until battery ④ falls out of the key.
- ▶ 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 covering ③ into the housing and then press on both sides to close it.
- ▶ Make sure that covering ③ is completely closed.
- ▶ Insert the front tabs of cover ① into the housing and then press until it is completely closed.
- ▶ Insert the emergency key again (→ page 75).

Problems with the key, troubleshooting

You can no longer lock or unlock the vehicle

Possible causes are:

- The key battery is weak or discharged.
- ▶ Check the battery using the indicator lamp (→ page 73).
- ▶ Replace the key battery, if necessary (→ page 76).
- ▶ Use the replacement key.
- ▶ Use the mechanical key to lock or unlock (→ page 83).
- ▶ Have key checked at a qualified specialist workshop.

There is interference from a powerful radio signal source

Possible causes if the function of the key is impaired:

- 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 sufficient distance between the key and the potential source of interference.

You have lost a key

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

Digital Vehicle Key

Unlocking and locking the vehicle with the Digital Vehicle Key

Requirements:

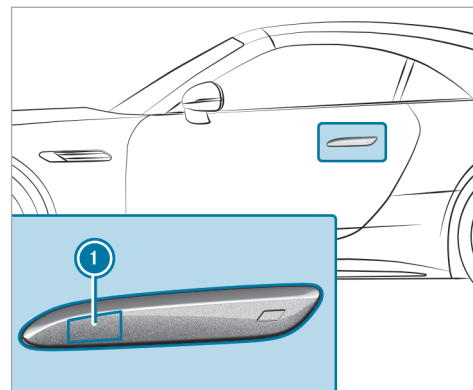
- The vehicle is equipped with the "Digital Vehicle Key" pre-installation.
- The "Digital Vehicle Key" function is activated via Mercedes me: <https://www.mercedes.me>.

- Bluetooth® is activated on the end device (with the Digital Vehicle Key activated).
- The end device is sufficiently charged.

The Digital Vehicle Key can be used for the following functions:

- Locking/unlocking the vehicle with KEYLESS-GO (→ page 80)
- HANDS-FREE ACCESS function (→ page 88)
- Convenience closing (closing the vehicle from outside) (→ page 99)
- Anti-theft protection (→ page 101)
- Starting (→ page 162) or shutting off (→ page 203) the vehicle
- Starting the vehicle with the Digital Vehicle Key in the storage compartment (emergency operation mode) (→ page 162)
- Locking and unlocking the vehicle with the NFC function (emergency unlocking)

When the Digital Vehicle Key's rechargeable battery is at extremely low capacity, it is possible to lock and unlock the vehicle with the NFC function (emergency unlocking).



- ▶ **Locking and unlocking the vehicle with the NFC function:** hold the Digital Vehicle Key against the door handle in close proximity to the NFC antenna ① for approx. five to ten seconds, from a distance of no more than 0.4 in (1 cm).

- ❗ If the Bluetooth® connection is not working, or the rechargeable battery for the Digital Vehicle Key is at very low capacity, it is also possible to start the vehicle via the NFC function (→ page 162).
Depending on the end device, you can also continue to use the KEYLESS-GO function for a certain amount of time, even if the rechargeable battery in the Digital Vehicle Key is at very low capacity.
- ❗ Mercedes-Benz recommends that the key is carried about your person as a security measure against functional restrictions (→ page 75).
- ❗ Mercedes-Benz recommends placing the Digital Vehicle Key in the storage compartment while driving (→ page 162).
- ❗ Refer to the Digital Operator's Manual for more information on the Digital Vehicle Key.

Troubleshooting problems with the Digital Vehicle Key

You can no longer lock and unlock the vehicle with the Digital Vehicle Key.

Possible causes:

- Bluetooth® is deactivated on the Digital Vehicle Key.
 - The rechargeable battery for the Digital Vehicle Key is at low capacity or is flat.
- ▶ Activate Bluetooth® on the Digital Vehicle Key.
 - ▶ Check the state of charge for the Digital Vehicle Key's rechargeable battery.
 - ▶ If necessary, charge the rechargeable battery of the Digital Vehicle Key.
 - ▶ Using the NFC function of the Digital Vehicle Key for locking or unlocking the vehicle (emergency unlocking) (→ page 78).
 - ▶ Use the vehicle key.
 - ▶ Use the emergency key to lock or unlock (→ page 83).

- ▶ Have the vehicle and the Digital Vehicle Key checked at a qualified specialist workshop.

There is interference from a powerful radio signal source.

Possible causes of Digital Vehicle Key impairment:

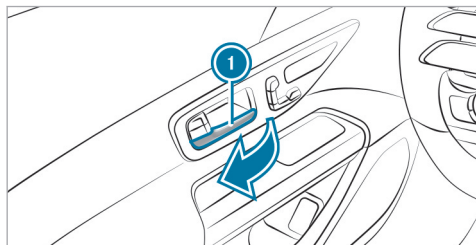
- high-voltage power lines
 - mobile phones
 - electronic devices (laptops, tablets)
 - shielding due to metal objects or induction loops for electric gate systems or automatic barriers
- ▶ Ensure sufficient distance between the Digital Vehicle Key and any potential source of interference.

You have lost a Digital Vehicle Key.

- ▶ Remove the Digital Vehicle Key.
- ❗ For information on removing the Digital Vehicle Key, refer to the Digital Operator's Manual.

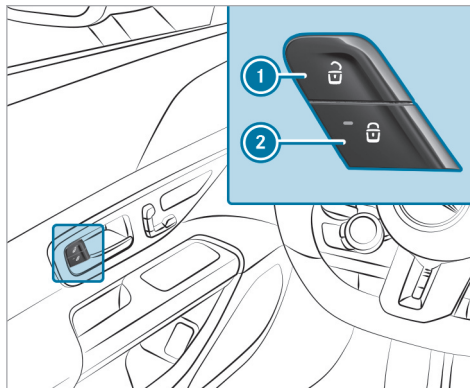
Doors

Unlocking/opening the doors from the inside



▶ Pull the door ① handle.

Centrally locking and unlocking the vehicle from the inside



▶ **To unlock:** press the button ①.

▶ **To lock:** press the button ②.
The red indicator lamp on the button ② lights up when the vehicle is locked.

i The buttons are also located on the front passenger door.

This does not lock or unlock the fuel filler flap.

Plug-in hybrid: the socket flap is also locked and unlocked. The socket flap can be opened even if a key is detected in the vehicle.

The vehicle is not unlocked when the button ① is pressed:

- If you have locked the vehicle using the key
- If you have locked the vehicle using KEYLESS-GO
- After locking with the NFC function (**vehicles with Digital Vehicle Key:**)

Locking/unlocking the vehicle with KEYLESS-GO

Requirements:

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

i Vehicles with Digital Vehicle Key: You can use the Digital Vehicle Key in the same way as the conventional vehicle key.

The door handles extend automatically:

- when a vehicle key is detected (the vehicle is then not yet unlocked)
- when you unlock the vehicle with the key
- when you touch one of the two outer sensor surfaces of the door handle (when the vehicle is unlocked)

The door handles retract automatically:

- when you lock the vehicle with the key
- when you touch one of the two outer sensor surfaces of the door handle to lock it
- after convenience closing (→ page 99)
- when pulling away
- after a short delay

! **NOTE** Damage to the vehicle caused by unintentionally opening the trunk lid or a door

- When using an automatic car wash
- When using a high pressure cleaner

▶ Deactivate the function of the SmartKey in these situations.

or

▶ Make sure that the SmartKey is at a minimum distance of 10 ft (3 m) (power washer) or 20 ft (6 m) (automatic car wash) away from the vehicle.

Vehicles with Digital Vehicle Key:

! **NOTE** Vehicle damage due to unintentional opening of the trunk lid or one of the doors

- when using a car wash
- when using a power washer

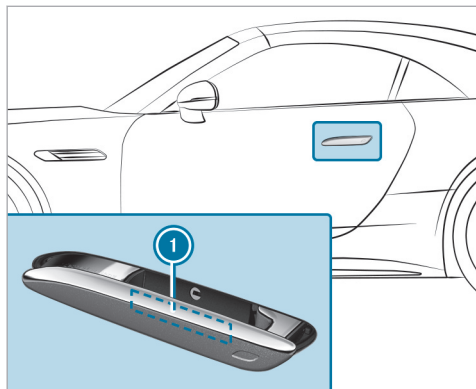
▶ In these situations, switch off the Digital Vehicle Key.

or

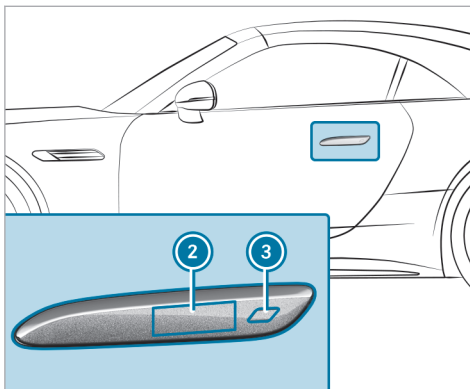
▶ Ensure that the Digital Vehicle Key is at least 10 ft (3 m) (power washer) or 20 ft (6 m) (car wash) away from the vehicle.

Observe the information:

- on washing the vehicle in a car wash (→ page 355)
- on using a power washer (→ page 356)



▶ **To unlock the vehicle:** with the door handle extended, touch the inside surface of the door handle ❶.



▶ **When the vehicle is unlocked:** touch the sensor surface ❷ or ❸ to extend the door handle.

▶ **When the vehicle is locked:** touch the sensor surface ❷ or ❸ to unlock.

▶ **To lock the vehicle:** touch the sensor surfaces ❷ or ❸.

▶ **Convenience closing:** touch the recessed sensor surface ❸ for a prolonged period.

❶ Further information on convenience closing (→ page 99).

Troubleshooting problems with KEYLESS-GO

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

Possible causes:

- The function of the key has been deactivated. This also applies to the Digital Vehicle Key.
- The key battery is weak or discharged.

Vehicles with Digital Vehicle Key: depending on the respective end device, you can continue to use the KEYLESS-GO function for a certain amount of time even if the rechargeable battery in the Digital Vehicle Key is at very low capacity.

▶ Activate the function of the key (→ page 75).

▶ Check the battery via the indicator lamp (→ page 73).

- ▶ If necessary, replace the key battery (→ page 76).
- ▶ Use the replacement key.
- ▶ Use the emergency key to lock or unlock (→ page 83).
- ▶ Have the vehicle and key checked at a qualified specialist workshop.

There is interference from a powerful radio signal source.

Possible causes if the function of KEYLESS-GO is impaired:

- high-voltage power lines
 - mobile phones
 - electronic devices (laptops, tablets)
 - shielding due to metallic objects or induction loops for electrical gate systems or automatic barriers
- ▶ Ensure that there is sufficient distance between the key and the potential source of interference.

Activating/deactivating automatic locking in the MBUX multimedia system

Multimedia system:

→  ▶ Settings ▶ Vehicle
▶▶ Open/Close

- ① The vehicle is locked automatically when the vehicle is switched on and the wheels are turning faster than walking pace.
- ▶ Activate or deactivate **Automatic Door Lock**.

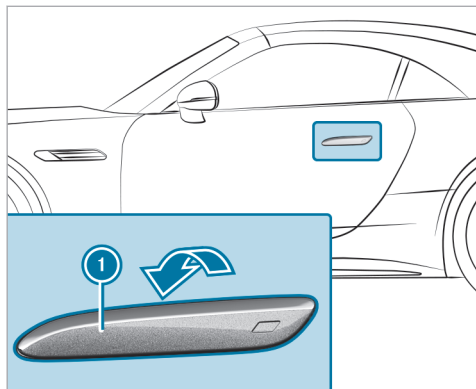
In the following situations, there is a danger of being locked out when the function is activated:

- The vehicle is being towed or pushed.
- If the vehicle is being tested on a roller dynamometer.

Locking/unlocking the vehicle with the emergency key

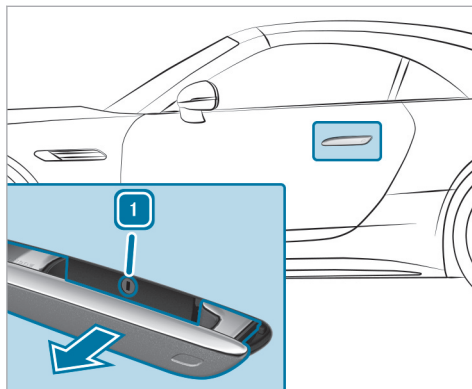
Unlocking a left-hand vehicle door with the emergency key

- ① If you unlock and open the driver's door with the emergency key, this triggers the Anti-Theft Alarm system.
- ① If you unlock the driver's door with the emergency key, the trunk lid will not be unlocked.
- ① Information regarding starting the vehicle with the key in the storage compartment (emergency operation mode) (→ page 163). Information regarding starting the vehicle with the Digital Vehicle Key in the storage compartment (emergency operation mode) (→ page 162).
- ▶ Remove the emergency key (→ page 75).



If the door handle is retracted:

- ▶ Insert a flat, non-metallic object behind the retracted door handle ① from above and pry it slightly outward.
- ▶ Reach behind the door handle ① from below, pull it outward to the pressure point and hold it there.



If the door handle is extended:

- ▶ Pull the door handle ① outward to the pressure point and hold it there.
- ▶ Insert the emergency key into the lock cylinder.
- ▶ Turn the emergency key counter-clockwise to position ①.

- ▶ Forcefully pull the door handle ① outward past the pressure point.
- ▶ Turn the emergency key back to its starting position.
- ▶ Remove the emergency key and release the door handle.

Trunk

Opening the trunk lid

⚠ 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 trunk lid is open when the engine is running, especially if the vehicle is in motion.

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

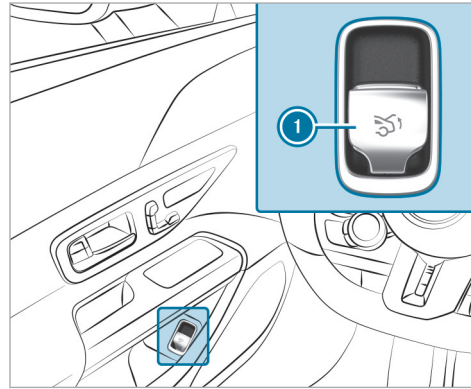
- !** **NOTE** Damage to the trunk lid by obstacles above the vehicle


The trunk lid swings upwards when it is opened.

- Therefore, make sure that there is sufficient clearance above the trunk lid.

- Pull the trunk lid handle.
- Vehicles with HANDS-FREE ACCESS:** Make a kicking movement with your foot below the bumper (→ page 88).

Vehicles with trunk lid convenience closing



- Pull remote operating switch ① until the trunk lid opens.
- or
- Press and hold the  button on the Smart-Key.

- If the trunk lid is stopped in an intermediate position, pull it upwards. Release it as soon as it begins to open.
- With the trunk lid opening height restriction activated, manually pull the stopped trunk lid upwards.

If an obstacle obstructs the trunk lid during the automatic opening process, blockage detection will stop the trunk lid. The automatic blockage detection function is only an aid and is not a substitute for your attentiveness.

Closing the trunk lid

- !** **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.

Notes on closing the trunk lid: your vehicle is equipped with automatic key recognition.

Note that the trunk lid will not be locked and will pop back open if the following situation occurs:

- You have locked the vehicle and closed the trunk lid while a key belonging to the vehicle is inside the vehicle and is detected.
- and
- A second key belonging to the vehicle is not detected outside the vehicle.

Automatic key recognition is only an aid and is not a substitute for your attentiveness.


- ▶ Before locking, ensure that at least one key belonging to the vehicle is outside the vehicle.

- ▶ **To close the trunk lid:** pull the trunk lid downwards using the handle recess and push it closed.

Vehicles with trunk lid convenience closing

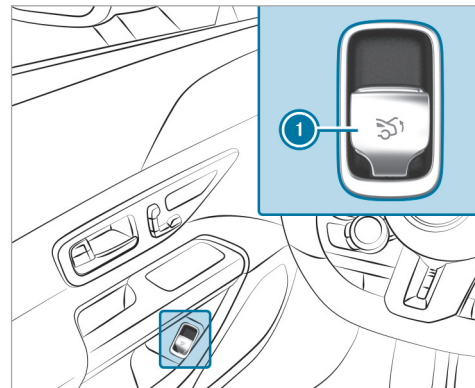
⚠ WARNING Risk of becoming trapped during automatic closing of the trunk lid

Parts of the body could become trapped. There may be people in the closing area.

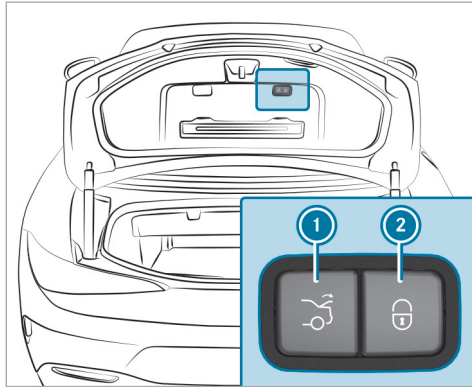
- ▶ Make sure that nobody is in the vicinity of the closing area.
- ▶ Use one of the following options to stop the closing process:
 - Press the  button on the Smart-Key.
 - Press or pull the remote operating switch on the driver's door.
 - Press the closing or locking button on the trunk lid.
 - Pull the trunk lid handle.

Vehicles with HANDS-FREE ACCESS: it is also possible to stop the closing process by making a kicking motion below the rear bumper.

- ▶ Pull the trunk lid handle. Release it as soon as it begins to close.
- ▶ If the trunk lid is stopped in an intermediate position, push it downwards. The trunk lid will continue to close.




- ▶ Push remote operating switch ① until the trunk lid is fully closed.



- ▶ Press closing button ① on the trunk lid.

Vehicles with KEYLESS-GO

- ▶ Press locking button ② on the trunk lid. If a key is detected outside the vehicle, the trunk lid will close and the vehicle will be locked.

- ① **Vehicles with Digital Vehicle Key:** this also applies to the Digital Vehicle Key if the function is activated and the Digital Vehicle Key is connected to the vehicle.
- ▶ With the trunk lid completely open, press and hold the  button on the key. The key must be in the vicinity of the vehicle.

Vehicles with HANDS-FREE ACCESS

- ▶ With the trunk lid completely open, make a kicking movement with your foot below the bumper (→ page 88).

Trunk lid automatic reversing function

The trunk lid is equipped with automatic blockage detection with a reversing function. If an obstacle obstructs the trunk lid during the automatic closing process, it will automatically open again. The

automatic reversing function serves solely as an aid and is not a substitute for your attentiveness.


- ▶ During the closing process, ensure that no body parts remain within the closing area.

⚠ WARNING Risk of becoming trapped despite reversing function

The reversing function will not react:

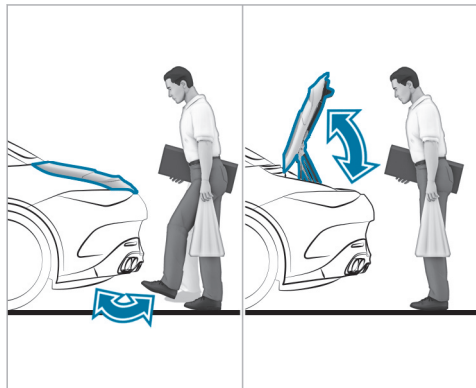
- to soft, light and thin objects, e.g. fingers
- towards the end of the closing procedure

In these situations in particular, the reversing function cannot prevent someone being trapped.

- ▶ Ensure that no body parts are in the closing area.
- ▶ If someone is trapped, use one of the following options:
 - Press the  button on the Smart-Key.
 - Press the remote operating switch on the driver's door.

- Press the closing or locking button on the trunk lid.
- Pull the trunk lid handle.

HANDS-FREE ACCESS function



HANDS-FREE ACCESS allows you to open and close the trunk lid, or even stop the opening and

closing process at any point, by performing a kicking motion under the bumper. The transmission must be in position **P** for this function.

The kicking motion triggers the opening or closing process alternately.

- If you stop the trunk lid opening process with a kicking motion, the trunk lid is closed with the next kicking motion.
- If you stop the trunk lid closing process with a kicking motion, the trunk lid is opened with the next kicking motion.

In the following cases, the trunk lid can only be closed with HANDS-FREE ACCESS:

- If the vehicle is switched on and the key's unlock function has been set so that only the driver's door is unlocked when activated (→ page 74).
- If the vehicle has been centrally locked from the inside (→ page 80).

Observe the notes when opening (→ page 84) and closing (→ page 85) the trunk lid.

i A warning tone sounds while the trunk lid is opening or closing.

⚠ WARNING Risk of burns caused by a hot exhaust system

The vehicle exhaust system can become very hot. If you use HANDS-FREE ACCESS, you could burn yourself by touching the exhaust system.

▶ Always ensure that you only make a kicking movement within the detection range of the sensors.

! **NOTE** Damage to the vehicle caused by unintentionally opening the trunk lid or a door

- When using an automatic car wash
- When using a high pressure cleaner

▶ Deactivate the function of the SmartKey in these situations.

or

- ▶ Make sure that the SmartKey is at a minimum distance of 10 ft (3 m) (power washer) or 20 ft (6 m) (automatic car wash) away from the vehicle.

Vehicles with Digital Vehicle Key:

! **NOTE** Vehicle damage due to unintentional opening of the trunk lid or one of the doors

- when using a car wash
- when using a power washer

▶ In these situations, switch off the Digital Vehicle Key.

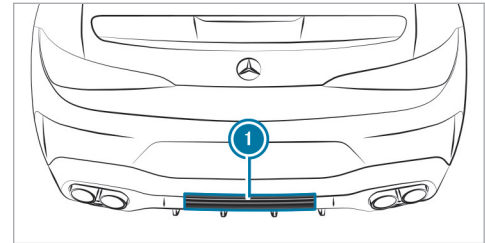
or

▶ Ensure that the Digital Vehicle Key is at least 10 ft (3 m) (power washer) or 20 ft (6 m) (car wash) away from the vehicle.

Ensure that you are standing firmly on the ground when performing the kicking motion. You could otherwise lose your balance, e.g. on ice.

Observe the following notes:

- The key is behind the vehicle.
If the key is not recognized:
 - Take the key in your hand.
or
 - Ensure that the function of the key is activated (→ page 75).
- **Vehicles with Digital Vehicle Key:** The Digital Vehicle Key is behind the vehicle.
- Stand at least 12 in (30 cm) away from the vehicle when performing the kicking motion.
- Do not come into contact with the bumper when performing the kicking motion.
- Do not carry out the kicking motion too slowly.
- The kicking motion must be towards the vehicle and back again.



① Detection range of the sensors

If several consecutive kicking motions are not successful, wait ten seconds.

System limits

The system may be impaired or inoperative in the following cases:

- The sensors are dirty, e.g. due to road salt or snow.
- The kicking motion is performed with a prosthetic leg.

The trunk lid could be opened or closed unintentionally in the following situations:

- A person's arms or legs are moving in the sensor detection range, e.g. when polishing the vehicle or picking up objects.
- Objects are moved or placed behind the vehicle, e.g. the hose of a fuel dispenser, a charging cable or luggage.
- Tension belts, tarps or other covers are pulled over the bumper.
- A protective mat with a length reaching over the loading sill down into the detection range of the sensors is used.
- The protective mat is not secured correctly.

Deactivate the function of the key (→ page 75) or do not carry the key about your person in such situations.


Switching separate trunk locking on and off

Multimedia system:

→  » Settings » Vehicle
» Locking Function

Switching separate trunk locking on

- ▶ Select **Block Trunk Access**.
- ▶ Create a PIN.
- ▶ Confirm the PIN with **OK**.
- ▶ Enter the PIN again and confirm it.
The trunk will remain locked if you unlock the vehicle centrally.

 If an accident has been detected, the trunk will unlock even if separate locking is switched on.

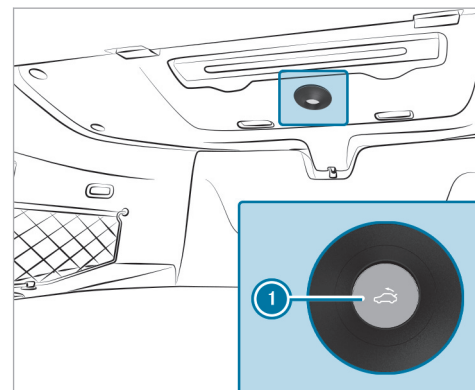
Switching separate trunk locking off

- ▶ Select **Block Trunk Access**.
- ▶ Enter the PIN.
If the PIN is correct, separate trunk locking will be switched off and the PIN deleted.

Unlocking and opening the trunk from inside with the emergency release

Requirements

- The 12 V vehicle battery is connected and charged.



- ▶ Press emergency release button  briefly.

Activating/deactivating the trunk lid opening height restriction

Multimedia system:

→  » Settings » Vehicle

» Other Functions

▶ Switch **Opening Height Limiter** on or off.

This function prevents the trunk lid from hitting a low garage ceiling, for example.

Soft top

Opening or closing the soft top using the button

⚠ WARNING Risk of becoming trapped when opening or closing the soft top

Parts of the body could become trapped.

- ▶ Ensure that there are no body parts in the immediate vicinity of moving parts during opening and closing.
- ▶ Stop the operation immediately if somebody becomes trapped. The opening/closing process will be stopped.

! **NOTE** Possible damage to the soft top when opening or closing

The soft top may be damaged during opening or closing.

- ▶ Ensure that there is sufficient clearance above the vehicle.
- ▶ Do not load the trunk above the trunk partition so that it does not press upwards.
- ▶ Make sure that the trunk lid is closed.
- ▶ Do not open the soft top if the fabric of the soft top is dirty, wet or frozen.
- ▶ Do not open or close the soft top when transporting the vehicle, e.g. on a motorail.
- ▶ Make sure that no child seats are installed on the rear bench seat and that no other objects (e.g. behind the rear seats) interfere with the movement of the soft top above the window sill.

! **NOTE** Damage to the soft top due to heavy objects

Heavy, pointed or sharp-edged objects placed on the soft top may damage it.

- ▶ Do not place any heavy objects on the soft top.
- ▶ Do not sit on the soft top.

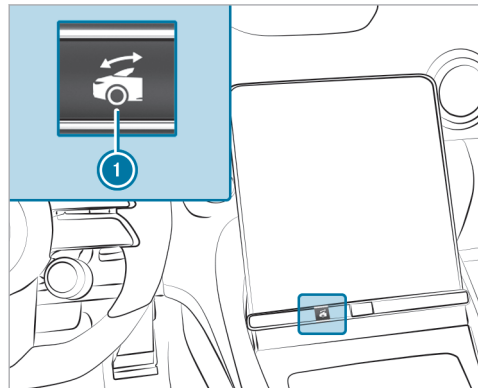
Requirements

- The trunk lid is closed.
 - The vehicle is switched on.
- i** You can also open or close the soft top via the MBUX multimedia system (→ page 92).

For safety reasons, Mercedes-Benz recommends opening or closing the soft top when the vehicle is stationary.

To open or close the soft top while you are driving, do not exceed a maximum speed of 30 mph (50 km/h). To avoid interrupting the closing process while you are slightly exceeding this speed, do not drive at a speed greater than 37 mph (60 km/h).

- ▶ Keep the brake pedal depressed when the vehicle is stationary.



- ▶ **To open or close:** press button ①.
- ▶ Press and hold button ① again within five seconds until the soft top is fully open or closed.
- ▶ **To interrupt opening or closing:** release button ①.

- ▶ **To continue opening or closing:** press button ①.
- ▶ Press and hold button ① again within five seconds.
The process is continued in reverse.

Opening and closing the soft top via the MBUX multimedia system

⚠ WARNING Risk of becoming trapped when opening or closing the soft top

Parts of the body could become trapped.

- ▶ Ensure that there are no body parts in the immediate vicinity of moving parts during opening and closing.
- ▶ Stop the operation immediately if somebody becomes trapped. The opening/closing process will be stopped.

! **NOTE** Possible damage to the soft top when opening or closing

The soft top may be damaged during opening or closing.

- ▶ Ensure that there is sufficient clearance above the vehicle.
- ▶ Do not load the trunk above the trunk partition so that it does not press upwards.
- ▶ Make sure that the trunk lid is closed.
- ▶ Do not open the soft top if the fabric of the soft top is dirty, wet or frozen.
- ▶ Do not open or close the soft top when transporting the vehicle, e.g. on a motorail.
- ▶ Make sure that no child seats are installed on the rear bench seat and that no other objects (e.g. behind the rear seats) interfere with the movement of the soft top above the window sill.


! **NOTE** Damage to the soft top due to heavy objects

Heavy, pointed or sharp-edged objects placed on the soft top may damage it.

- ▶ Do not place any heavy objects on the soft top.
- ▶ Do not sit on the soft top.

Multimedia system:

→  ▶▶ Settings ▶▶ Vehicle
▶▶ Open/Close ▶▶ Soft Top Operation


- ▶ Alternatively, press the  button on the control panel below the central display. A selection bar with a button will appear.

Opening and closing the soft top

For safety reasons, Mercedes-Benz recommends opening or closing the soft top when the vehicle is stationary.

To open or close the soft top while you are driving, do not exceed a maximum speed of 30 mph (50 km/h). To avoid interrupting the closing process while you are slightly exceeding this speed, do

not drive at a speed greater than 37 mph (60 km/h).

- ▶ Make sure that the trunk separator is closed.
 - ▶ **To open the soft top:** press the button, slide it to the right and hold it down until the process is completed. While the soft top is moving, the blue LED on the control panel will flash.
 - ▶ **To close the soft top:** press the button, slide it to the left and hold it down until the process is completed. While the soft top is moving, the blue LED on the control panel will flash.
- ① If the MBUX multimedia system is equipped with a large central display (11.9"), you can automatically set the display to the inclined position when the soft top is open.
 - ① You can also open or close the soft top via the  button (→ page 91).

Opening or closing the trunk partition

Requirements

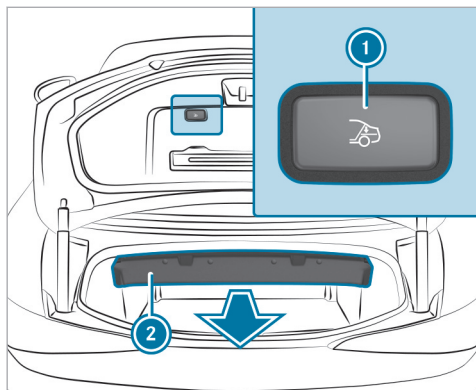
- To open the trunk partition: the soft top must be closed.
- ① The trunk partition will automatically close when the soft top is open.

The trunk partition covers luggage or loads in the trunk.

! **NOTE** Damage to the soft top or loads due to long objects

The soft top or the load may be damaged when the soft top is open.

- ▶ Do not place objects that are too long in or behind the side parcel nets when the trunk partition is open.
- ▶ Make sure that the load does not push the trunk partition upwards.



- ▶ Press button ①. Trunk partition ② will open or close automatically.

① In the event of a system failure, close automatic trunk partition ② manually.

Problems with the soft top

The soft top will not open or close.

Possible causes are:

- The vehicle is not switched on.
- ▶ Make sure that the vehicle is switched on.
- The brake pedal was not depressed with the vehicle stationary.
- ▶ Depress the brake pedal.
- The trunk partition is not closed.
- ▶ Remove overhanging luggage and close the trunk partition.
- The trunk lid is open.
- ▶ Close the trunk lid (→ page 85).
- The soft top has been opened and closed several times in a row. The soft top drive has been switched off automatically and will be available again after approximately ten minutes.

- ▶ Repeat the opening or closing procedure after approximately ten minutes.

- You are driving at a speed greater than 37 mph (60 km/h).

- ▶ Reduce your speed to below 37 mph (60 km/h).

- The soft top mechanical components or control system are defective.

- ▶ Consult a qualified specialist workshop.

Installing and removing the folding draft stop

⚠ WARNING Risk of accident when using the wind screen in poor visibility conditions

The wind screen impairs your rear view.

- ▶ If visibility is impaired, fold the wind screen in or do not use it.

⚠ WARNING Risk of accident and injury due to an incorrectly installed wind screen

The wind screen may become loose while you are driving and endanger other road users.

- ▶ Install the wind screen as described.
- ▶ Do not place any objects on the installed wind screen.

! NOTE The wind screen can be damaged if installed when the soft top is closed

The vehicle interior or the wind screen can be damaged if installed when the soft top closed.

- ▶ To install, open the soft top.

! NOTE Damage to the wind screen due to objects placed on it

Objects placed on top of the installed wind screen may damage it.

- ▶ Do not place any objects on the installed wind screen.

! NOTE Damage to the wind screen due to collision with seat backrests

The wind screen may collide with the front seat backrests when installed.

- ▶ Adjust the backrest positions of the front seats.

! NOTE Damage to the wind screen due to objects placed on it

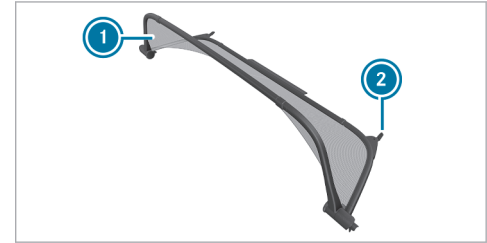
The wind screen is stored in a bag in the trunk. Objects placed on top of the bag may damage the wind screen.

- ▶ Do not place any objects on the bag.

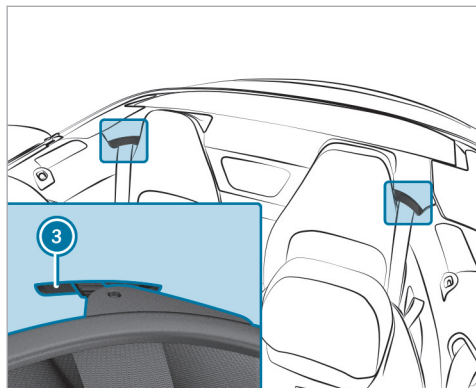
The folding draft stop is installed over the rear seats to protect against wind when you are driving with the soft top open. Only the front seats can be occupied when the folding draft stop is installed. The bag containing the folding draft stop is stored in the trunk.

You should preferably perform operations involving the folding draft stop on the side of the vehicle facing away from traffic.

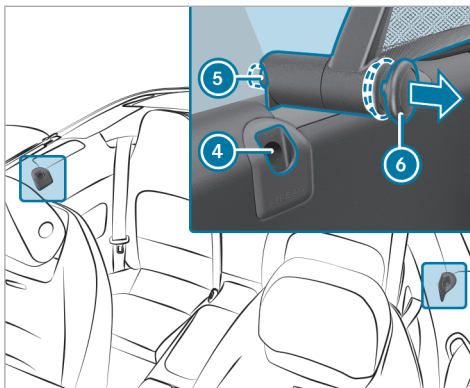
- ▶ Open all side windows and the soft top.
- ▶ To remove the bag, open the trunk lid.
- ▶ Remove the folding wind screen from the bag.



- ▶ Fold out folding draft stop ① as shown.
- ▶ Fold out two brackets ② to the left and right.



- ▶ Align brackets ② of folding draft stop ① with both rear fixtures ③ on the vehicle.



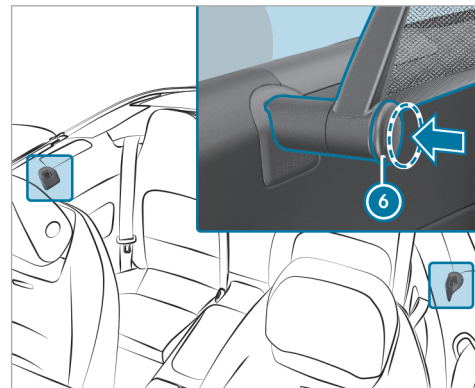
Perform the following steps in sequence on both sides of the vehicle:

! NOTE Damage to the side trim

If the following step is not performed, the side trim may be damaged.

- ▶ Before inserting the folding wind screen into the side fixture, pull the handle in the direction of the arrow.

- ▶ Pull handle ⑥ in the direction of the arrow until red marking ⑤ is no longer visible.
- ▶ Align folding draft stop ① with side fixture ④ on the vehicle from above and insert.



- ▶ Push handle ⑥ on folding draft stop ① back as far as it will go.
Make sure that red marking ⑤ of the lock verification indicator is no longer visible.
- Folding draft stop ① is locked.

Follow the instructions in reverse order to remove the folding draft stop.

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.

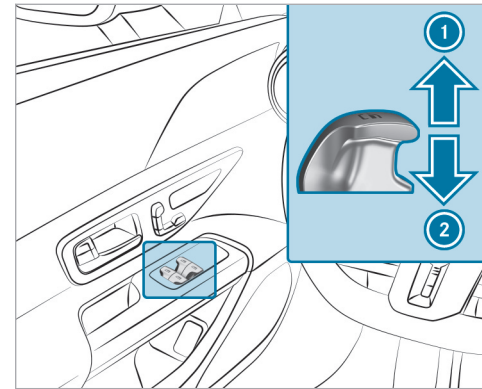
- ⚠ **WARNING** Risk of becoming trapped when children operate the side windows

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 vehicle has been switched on.



- ① Closing
- ② Opening

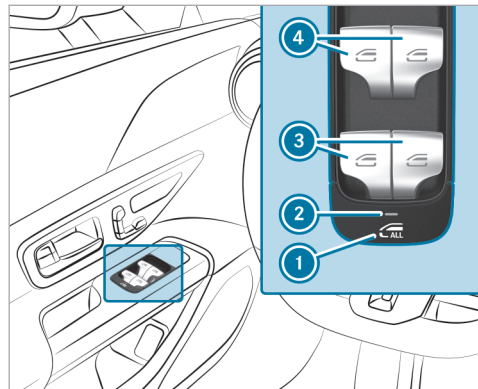
The buttons on the driver's door take precedence.

- ▶ **To start automatic operation:** press the  button beyond the pressure point or pull and release it.
- ▶ **To interrupt automatic operation:** press or pull the  button again.

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

This function is available for around four minutes or until a door is opened.

Opening or closing all side windows simultaneously



- ▶ Press button ①.
Indicator lamp ② lights up.

- ▶ Pull or push one of rear side window buttons ③.
All side windows will be opened or closed simultaneously.
- ① The front side windows can still be opened or closed individually with buttons ④.
- ▶ Press the ① button again.
Indicator lamp ② goes out.
All side windows can be opened or closed individually again.

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.

⚠ WARNING Risk of becoming trapped when opening or closing the soft top

Parts of the body could become trapped.

- ▶ Ensure that there are no body parts in the immediate vicinity of moving parts during opening and closing.
- ▶ Stop the operation immediately if somebody becomes trapped. The opening/closing process will be stopped.


Requirements


- The key is near the vehicle.

▶ Press and hold the  button on the key.

The following functions are performed:

- The vehicle is unlocked.
- The side windows are opened when the trunk separator is open.
- The soft top is opened when the trunk separator is closed.
- The seat ventilation of the driver's seat is switched on.

▶ **Interrupt convenience opening:** Release the button .

▶ **Continue convenience opening:** Press the button  again and hold pressed.

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.

⚠ WARNING Risk of becoming trapped when opening or closing the soft top

Parts of the body could become trapped.


- ▶ Ensure that there are no body parts in the immediate vicinity of moving parts during opening and closing.
- ▶ Stop the operation immediately if somebody becomes trapped. The opening/closing process will be stopped.


Requirements

- The key is near the vehicle.


▶ Press and hold the  button on the key.

The following functions will be performed:


- The vehicle will be locked.
- The soft top will be closed.
The side windows will open completely.
- **Closing the side windows:** Press and hold the  button on the key again.

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

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

 Convenience closing also functions with KEY-LESS-GO (→ page 80).

Resolving 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.
- ▶ If a side window is obstructed again during closing and reopens again slightly, consult a qualified specialist workshop.

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

Possible causes:

- The key battery is weak or discharged.
- ▶ Check the battery using the indicator lamp (→ page 73).
- ▶ Replace the key battery, if necessary (→ page 76).

Anti-theft protection

Function of the immobilizer

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

This also applies to the Digital Vehicle Key.

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

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

- i** In the event that the engine cannot be started (although the vehicle's starter battery is charged), the immobilizer may be defective. 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)

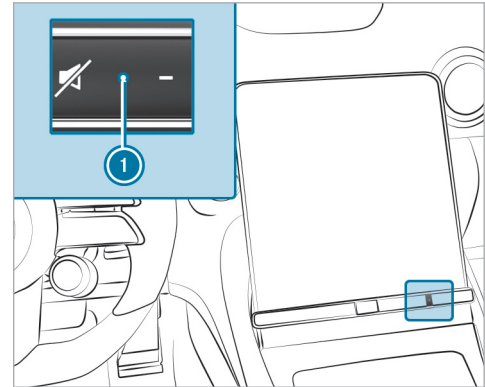
Function of the ATA system


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

- When a door is opened
 - When the trunk lid is opened
 - When the tow-away alarm is triggered (→ page 102)
- i** **Vehicles with Digital Vehicle Key:** The ATA works with the Digital Vehicle Key in the same way as with the conventional vehicle key.

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

- After you lock the vehicle with the key
- After you lock the vehicle using KEYLESS-GO
- After you lock the vehicle with the NFC function (**vehicles with Digital Vehicle Key:**)



Indicator lamp  will flash when the ATA system is armed.

The ATA system will be disarmed automatically in the following situations:

- After you unlock the vehicle with the key
- After you unlock the vehicle using KEYLESS-GO
- After you unlock the vehicle with the NFC function (**vehicles with Digital Vehicle Key**)
- After you press the Start/Stop button with the key in the marked space (→ page 163)

Deactivating the ATA

▶ Press the ,  or  button on the key.

or


▶ Press the Start/Stop button with the key in the storage compartment (→ page 163)

▶ **Vehicles with Digital Vehicle Key:** Press the Start/Stop button with the Digital Vehicle Key in the storage compartment (→ page 162).

Deactivating the alarm using KEYLESS-GO:

- ▶ With the key outside the vehicle, touch the inner surface of the door handle.
The distance between key and vehicle here should not be greater than 3 ft (1 m).
This also applies to the Digital Vehicle Key.

Function of tow-away alarm

-  This function may not be available in all countries.

A visual and audible alarm will be triggered if an alteration to your vehicle's angle of inclination is detected while the tow-away alarm is armed.



The tow-away alarm will be armed automatically after about 60 seconds:

- After you lock the vehicle with the key
- After you lock the vehicle using KEYLESS-GO
This also applies to the Digital Vehicle Key.
- After locking with the NFC function (**vehicles with Digital Vehicle Key**):

The tow-away alarm will be armed only when the following components are closed:

- Doors
- Trunk lid

The tow-away alarm will automatically be deactivated:

- After you press the  or  button on the key
- After you press the start/stop button with the key in the marked space (→ page 163)
- After you press the start/stop button with the Digital Vehicle Key in the marked space (**vehicles with Digital Vehicle Key**) (→ page 162)
- After you unlock the vehicle using KEYLESS-GO
This also applies to the Digital Vehicle Key.
- After unlocking with the NFC function (**vehicles with Digital Vehicle Key**)
- When using HANDS-FREE ACCESS

Information on collision detection on a parked vehicle (→ page 210).

Arming/deactivating tow-away alarm

Multimedia system:

↳  » Settings » Vehicle
» Opening/closing » Vehicle Protection

▶ Arm or deactivate **Tow-away Protection**.

Tow-away alarm is armed again in the following cases:

- The vehicle is unlocked again.
- A door is opened.
- The vehicle is locked again.

Arming/disarming interior protection

Multimedia system:

↳  » Settings » Vehicle
» Opening/closing » Vehicle Protection

▶ Activate or deactivate **Interior Protection**.

Interior protection will be armed again in the following cases:

- The vehicle is unlocked again.
- A door is opened.

- The vehicle is locked again.

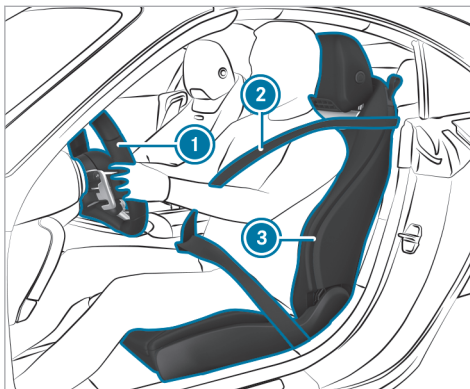
Notes on the correct driver's seat position

⚠ WARNING Risk of accident due to adjusting the 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 restraint, 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 vehicle: in particular, adjust the driver's seat, head restraint, steering wheel and 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 air bag 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 driver display clearly
- You have a good overview of the traffic conditions
- Observe the notes on correctly fastening the seat belt (→ page 44).

Vehicles with an AMG Performance seat: if the front passenger seat is unoccupied, this can lead to noise caused by the seat belt tongue knocking against the seat. You can prevent this by sliding the seat belt tongue upwards with the seat belt adjuster clip. If the front passenger seat is occupied, ensure that the seat belt adjuster clip is pushed down. Only then will the seat belt fit snugly against the body.

Notes on height restrictions on the rear seats



⚠ WARNING Risk of injury if height limit on the second row of seats is not observed

If a person exceeds the permissible height for the seats in the second row of seats, they may be injured through contact with the roof or parts of the vehicle interior.

For that reason, a person of corresponding height must not use the seats on the second row.

- ▶ Use a suitable vehicle seat.

The use of the second row of seats is permitted only for persons up to a height of 59.1 in (1.50 m).

For children in suitable child restraint systems, the maximum permissible height is 53.1 in (1.35 m). Further information on suitable child restraint systems (→ page 61).

Notes on grab handles

⚠ WARNING Risk of injury due to excessive load on the grab handles

If you apply your full body weight to the grab handle or pull it abruptly, the grab handle may be damaged or come loose from its anchorage. This may result in injuries.

- ▶ Use the grab handles only to stabilize the seating position or to assist in getting in and out of the seat.

Seats

Adjusting the front seat electrically

⚠ 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.

You can adjust the seats when the vehicle is switched off.

⚠ WARNING Risk of becoming trapped if the seats are adjusted

When adjusting a seat, you may trap yourself or a vehicle occupant, e.g. on the seat guide rail.

- ▶ Make sure that no part of the body is within the seat's range of motion when adjusting a seat.

Observe the safety notes on "Air bags" and "Children in the vehicle".

⚠ WARNING Risk of accident due to adjusting the 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 restraint, 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 vehicle: in particular, adjust the driver's seat, head restraint, steering wheel and 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.

Adjust the head restraint fore-and-aft position so that it is as close as possible to the back of your head.

⚠ 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.

In particular, you could slip beneath the seat-belt and become injured.

▶ Adjust the seat properly before beginning 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 potentially fatal injuries due to objects trapped under the front passenger seat

Objects trapped under the front passenger seat may interfere with the function of the

automatic front passenger air bag shutoff or damage the system.

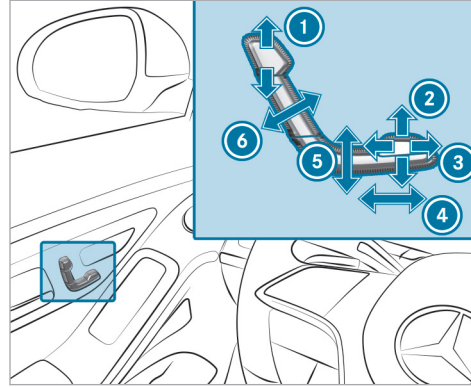
- ▶ Do not store any objects under the front passenger seat.
- ▶ When the front passenger seat is occupied, ensure that no objects have become trapped beneath the front passenger seat.

! **NOTE** Damage to the seats when adjusting

The seats may be damaged by objects when adjusting the seats.

- ▶ When adjusting the seats, make sure that there are no objects in the footwell, under or behind the seats.

The switches for adjusting the seats do not move. You will therefore receive no direct feedback on the switch while pressing it. Feedback is provided only by the movement of the seat.



- ① Head restraint height
- ② Seat cushion inclination
- ③ Seat cushion length (depending on the vehicle equipment)
- ④ Seat fore-and-aft position
- ⑤ Seat height
- ⑥ Seat backrest inclination

▶ Save the settings with the memory function (→ page 119).

- ① The head restraint height will be adjusted automatically when you adjust the seat height or the seat fore-and-aft position.

Adjusting the front passenger seat electrically from the driver's seat

! **NOTE** Damaging objects in the parcel net of the front passenger footwell when moving the front passenger seat forward

Objects in the parcel net of the front passenger footwell can become damaged when the front passenger seat is moved forward.

- ▶ Do not slide the front passenger seat as far forward as it will go.

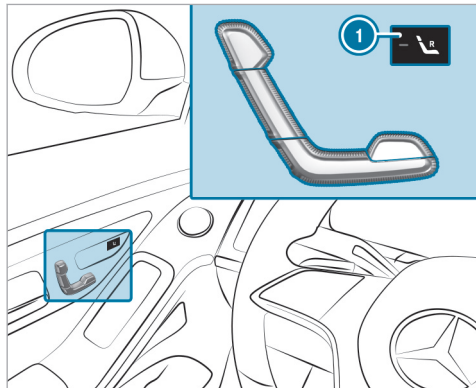
! **NOTE** Damage to the seats when moving the seats back

The seats may be damaged by objects when moving the seats back.

- ▶ When moving the seats back, make sure that there are no objects in the footwell, under or behind the seats.

Requirements:

- For selecting the front passenger seat: the power supply is switched on



You can call up the following functions for the front passenger seat:

- Seat adjustment
- Seat heating
- Seat ventilation
- Memory function

- ▶ **To select the front passenger seat:** press button ①. When the indicator lamp lights up, the front passenger seat is selected.
- ▶ Adjust the front passenger seat using the buttons on the driver's side door operating unit.

Head restraints

Adjusting the head restraints on the front seats

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

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

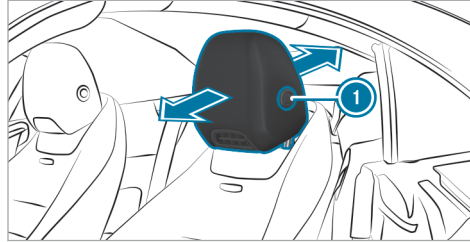
- If you adjust the driver's seat, the head restraint, the steering wheel or the mirror while the vehicle is in motion
 - If you fasten your seat belt while the vehicle is in motion
- ▶ Before starting the vehicle: in particular, adjust the driver's seat, head restraint, steering wheel and mirror, and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

⚠ 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.

Adjust the head restraint fore-and-aft position so that it is as close as possible to the back of your head.



- ▶ **To move forwards:** pull the head restraint forwards.
- ▶ **To move backwards:** press release knob ① and push the head restraint backwards.
- ▶ Ensure that the head restraint is engaged correctly.

Configuring the seat settings

Multimedia system:

→ 🏠 ▶▶ Comfort ▶▶ Seat

Adjusting the air cushions

- ▶ On the corresponding menu, adjust the air cushions for **Lumbar** or **Side Bolsters**.

Adjusting the side bolsters

- ▶ On the corresponding menu, adjust the air cushions for **Lumbar** or **Side Bolsters**.

Setting the seat heating balance

- ▶ Select **Heating Settings**.
- ▶ Select **Seat Heating Balance**.
- ▶ Adjust the heat distribution for the desired seat.

Setting automatic seat adjustment

⚠ WARNING Risk of becoming trapped during adjustment of the driver's seat after calling up a driver profile

Selecting a user profile may trigger an adjustment of the driver's seat to the position saved under the user profile. You or other vehicle occupants could be injured in the process.

- ▶ Make sure that when the position of driver's seat is being adjusted using the multimedia system, no people or body parts are in the seat's range of movement.

If there is a risk of someone becoming trapped, immediately stop the adjustment process by:

- ▶ a) Pressing the warning message on the central display.
- or
- ▶ b) Pressing a position button of the memory function or a seat adjustment switch in the driver's door.
The adjustment process is stopped.

Multimedia system:

↳  ▶▶ Comfort ▶▶ Seat
▶▶ Automatic Seat Positioning

Manually adjusting driver's seat and steering wheel position to body size

The vehicle will calculate suitable driver's seat and steering wheel positions on the basis of the driver's body size and set this directly.

- ▶ **To set the unit of measurement:** select **cm** or **ft/in**.
- ▶ Set the size using the scale.
- ▶ Select **Start Positioning**.

The driver's seat and steering wheel positions will be adjusted to the body size that has been set.

- i** You can also configure these settings via the Mercedes me user account for your user profile. By synchronizing the profiles in the vehicle and the Mercedes me connect profiles, you can carry over these settings for your vehicle.
- i** If the driver's seat and steering wheel positions calculated by the vehicle are not practi-

cal or comfortable, they can be manually adapted at any time via the control buttons. The outside mirrors are not set via this function. Instead, they have to be set manually via the operating switches.


Overview of message programs

- **Classic Massage** Relaxing back massage
- **Activating Massage** Activating massage with upward-moving message waves
- **Relaxing Massage** Relaxing back massage with ascending wave-like movements and then soothing movements

Selecting the message program for the front seats

Multimedia system:

↳  ▶▶ Comfort

- ▶ Select **Massage**.
- ▶ Select a message program (→ page 110).
- ▶ Start the program for the desired seat .

- ▶ **To set the massage intensity:** switch **Intensive** on or off .
- ▶ **To stop the massage:** select .
- ⓘ The availability of this function is dependent on the vehicle's equipment.

Resetting seat settings

Multimedia system:

→ ▶▶ **Comfort** ▶▶ **Seat**

- ▶ Select **Reset**.
- ▶ Select for the desired seat.
The settings for the selected seat will be reset.

Folding the front seat backrest forwards/back

⚠ WARNING Risk of injury when the seat backrest is not engaged

If the seat backrest is not engaged, it may fold forwards and the vehicle occupant will be pressed into the seat belt.

The seat belt cannot protect as intended and could cause additional injury to vehicle occupants.

- ▶ Before each journey, make sure that the seat backrest is fully engaged as described.

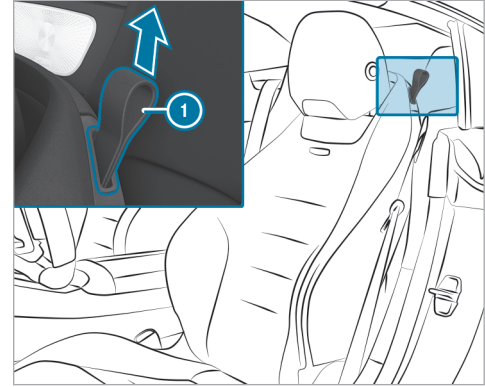
! **NOTE** Damage to the seat backrests when folding back

The seat backrests may be damaged by objects when you fold them back.

- ▶ Make sure that there are no objects behind the seats when folding the seat backrests back.

Folding forwards

If you fold the seat backrest forwards, the seat will move forwards. This will allow passengers to get into and out of the rear passenger compartment comfortably.



- ▶ Pull on loop ① and fold the seat backrest forward as far as it will go.
The seat will automatically move to the foremost position.

Folding back

- ▶ Ensure that there are no objects behind the seat backrest. Otherwise, the seat backrest may not be able to engage.

- ▶ Swing back the seat backrest.
- ▶ Ensure that the seat backrest is engaged. If the seat backrest is not engaged, this will be shown on the driver display. A warning tone will also sound.
The seat will automatically move to the stored position.

Switching the 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 has been switched on repeatedly.

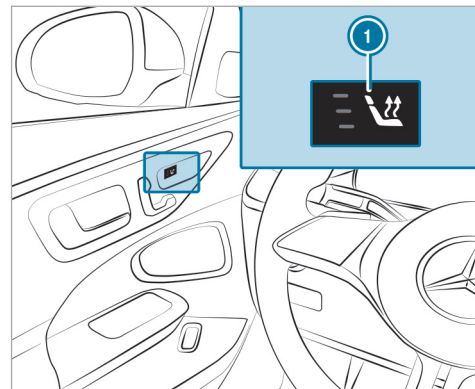
! **NOTE** Damage to the seats caused by objects or documents when the seat heating is switched on

When the seat heating is switched on, overheating may occur due to objects or documents 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.



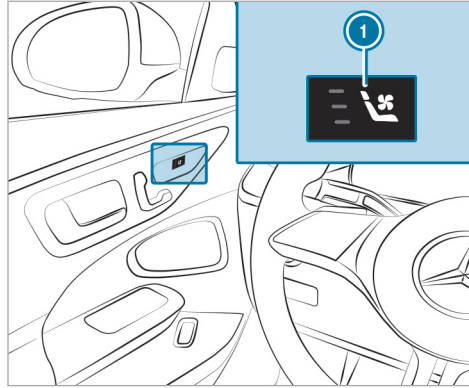
- ▶ Press button ① repeatedly until the desired heating level is set. Depending on the heating level, up to three indicator lamps will light up. If all indicator lamps are off, the seat heating is switched off.
- ① The seat heating will automatically switch down from the three heating levels after 8, 10 and 20 minutes until the seat heating switches off.

- ❶ If you switch the power supply off and on again within 20 minutes, the previous setting of the seat heating for the driver's seat will remain active.
- ❶ You can set the heat distribution of the heated sections among the seat cushions and seat backrests of the front seats in the multimedia system (→ page 109).

Switching the seat ventilation on/off

Requirements

- The power supply is switched on.



- ▶ Press button ❶ repeatedly until the desired blower setting has been reached. Depending on the blower setting, up to three indicator lamps will light up. If all indicator lamps are off, the seat ventilation is switched off.
- ❶ If you switch the power supply off and on again within 20 minutes, the previous seat

ventilation setting for the driver's seat will remain active.

Switching AIRSCARF on/off

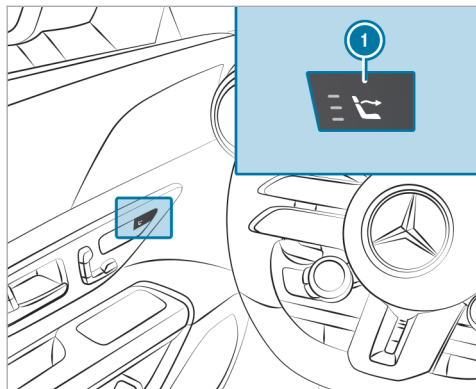
⚠ WARNING Risk of burns caused by the heating output from AIRSCARF being too high

When AIRSCARF is switched on, very hot air can flow from the outlet opening in the head restraints.

- ▶ Turn the heating output down in good time.
- ▶ Maintain a suitable distance from the outlet opening.

Requirements

- The power supply is switched on.



AIRSCARF uses heated air to warm the head and neck area of vehicle occupants. The warm air flows out of the vents in the head restraints.

- ▶ 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 the indicator lamps are off, AIRSCARF is switched off.

- ① When switching on, the blower will start up only after a preheating phase lasting a few seconds. After switching off, the blower will continue to run for a few seconds to cool down the heating elements.
- ① If the vehicle battery voltage is too low, AIRSCARF may switch off.
- ▶ Adjust the AIRSCARF vent (→ page 157).

Make sure that no objects are covering the air inlet grille on the back of the head restraints.

Steering wheel

Adjusting the steering wheel electrically

- ⚠ **WARNING** Risk of accident due to adjusting the 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 restraint, the steering wheel or the mirror while the vehicle is in motion
- If you fasten your seat belt while the vehicle is in motion

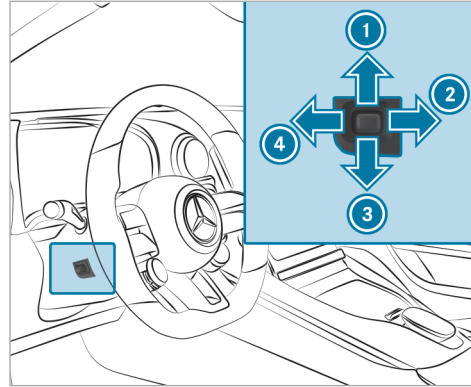
- ▶ Before starting the vehicle: in particular, adjust the driver's seat, head restraint, steering wheel and mirror, and fasten your seat belt.

- ⚠ **WARNING** Risk of entrapment for children when adjusting the steering wheel

Children could injure themselves if they adjust the steering wheel.

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

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



- ① To move up
- ② To move back
- ③ To move down
- ④ To move forward

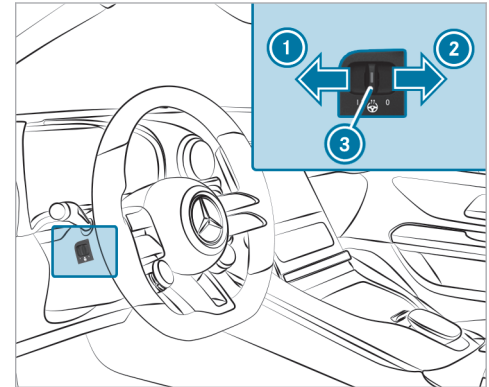
- ▶ Save the settings with the memory function (→ page 119).

Switching the steering wheel heater on/off

Depending on the vehicle version, the steering wheel heater can be switched on/off via a switch on the steering wheel.

Requirements

- The vehicle is switched on.



▶ **To switch on:** push the switch to position ①. If indicator lamp ③ lights up, the steering wheel heater is switched on.

▶ **To switch off:** push the switch to position ②.

When you switch the vehicle off, the steering wheel heater will switch off.

Decoupling the steering wheel heater from the seat heating

Requirements:

- The power supply or the vehicle has been switched on.
- The steering wheel heater and the seat heating are linked.

Multimedia system:

→  ▶▶ Comfort ▶▶ Seat
▶▶ Heating Settings

The function is active by default and the steering wheel heater will automatically be activated and deactivated when the seat heating is switched on and off.

▶ Tap on **Additional Steering Wheel Heating**. The steering wheel heater will be decoupled from the seat heating.

① The steering wheel heater can also be deactivated via the MBUX voice assistant.

Easy entry and exit feature

Using the easy entry and exit feature

⚠ WARNING Risk of accident when pulling away during the adjustment process of the easy entry and exit feature

You could lose control of the vehicle.

▶ Always wait until the adjustment process is complete before driving off.

⚠ WARNING Risk of becoming trapped when adjusting the easy entry and exit feature

You and other vehicle occupants, particularly children, may become trapped.

▶ Make sure that no one has any part of their body within the range of movement of the steering wheel and driver's seat.

If there is a risk of becoming trapped by the steering wheel:

▶ Move the steering wheel adjustment lever.
The adjustment process is stopped.

If there is a risk of becoming trapped by the driver's seat:

▶ Press the switch for seat adjustment. The adjustment process is stopped.
▶ Never leave children unattended in the vehicle.
▶ When leaving the vehicle, always take the key 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.

⚠ 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 key with you and lock the vehicle.

In order to use the easy entry and exit feature, the automatic seat adjustment function must have been switched on (→ page 110).

When the easy entry and exit feature is active, the steering wheel and driver's seat will move as follows:

- The steering wheel will move upwards.
- The driver's seat will move forward or backward to a position suitable for getting in or out of the vehicle.

This will occur in the following situations:

- You switch off the vehicle when the driver's door is open.
 - You open the driver's door when the vehicle is switched off.
- ⓘ The steering wheel will then move upwards only if it is not already as high as it will go. The driver's seat will move forwards or backwards only if it is not already in the ideal position for getting in or out of the vehicle.

The steering wheel and the driver's seat will move back to the last driving position in the following cases:

- You switch the power supply or the vehicle on when the driver's door is closed.
- You close the driver's door when the vehicle is switched on.

The last drive position will be saved when:

- If you switch off the vehicle.
- **Vehicles with memory function:** you call up the seat settings via the memory function.

- **Vehicles with memory function:** you save the seat settings via the memory function.

Vehicles with memory function: press one of the memory function position switches to stop the adjustment process.

Setting the easy entry and exit feature

Requirements:

- The automatic seat adjustment has been activated (→ page 110).
- The power supply or the vehicle has been switched on.

Multimedia system:

➔  ➔ Settings ➔ Vehicle ➔ Comfort
➔ Easy Entry And Exit Feature

Setting the easy entry and exit feature

- ▶ Select **Steering Wheel & Seat, Steering Wheel Only** or **Off**.

- i** If you are using a custom user profile, this information will be used for the easy entry and exit feature. This will cause the driver's seat and steering wheel to move into the correct position automatically (→ page 308).

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, 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 area of movement of the seat or the steering wheel.
- ▶ If someone becomes trapped, press a preset position button or seat adjustment switch immediately.
The adjustment process is stopped.

- ⚠ WARNING** Danger of entrapment when memory function is activated by children

When children activate the memory function, they can get trapped, especially if they are unsupervised.

- ▶ Never leave children unattended in the vehicle.

- ▶ When leaving the vehicle, always take the key with you and lock the vehicle.

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

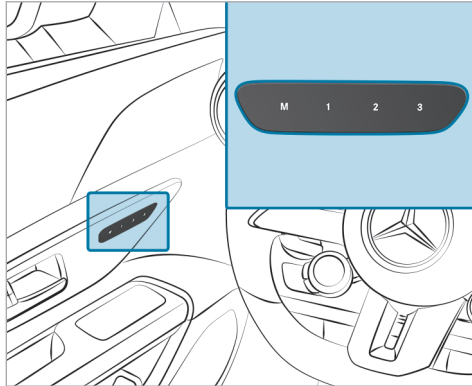
Seat adjustments for up to three people can be stored and called up using the memory function.

You can save the following settings for the front seat:

- Seat, backrest, head restraint position and contour of the seat backrest in the lumbar region
- Seat heating: distribution of the heated sections of the seat cushion and seat backrest
- Driver's side: steering wheel position and position of the outside mirrors on the driver's and front passenger sides
- Head-up display

Operating the memory function

Storing



- ▶ Set the front seat, the steering wheel, the head-up display and the outside mirror to the desired position.
- ▶ Press the **M** button and then release it.

- ▶ Press one of the preset position buttons **1**, **2** or **3** within three seconds. An acoustic signal sounds. The settings are stored.
- ▶ **To call up:** press the preset position button **1**, **2** or **3**. The seat will be moved to the stored position. After releasing the button, the front seat, outside mirror, head-up display and steering column will continue to move into the stored position automatically.

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 trunk lid is open when the engine is running, especially if the vehicle is in motion.

- ▶ Always switch off the engine before opening the trunk lid.

- ▶ Never drive with the trunk lid open.

Objects in the deployment area of an air bag may prevent the air bag from functioning correctly. (→ page 60) Observe the notes on air bags in this regard.

⚠ 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 brackets cannot always retain all objects they contain.

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 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.
- ▶ Always stow and secure heavy, hard, pointed, sharp-edged, fragile or bulky objects in the trunk.

Vehicles with automatic front passenger air bag shutoff: Objects trapped under the front passenger seat may interfere with the function of the automatic front passenger air bag shut-off or damage the system. Please therefore observe the notes on the function of the automatic front passenger air bag shutoff (→ page 49).

▲ 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.

! NOTE Damage to the vehicle caused by spilled liquids

If liquids are spilled in the vehicle, parts of the vehicle may be damaged.

- ▶ Always securely close containers containing liquids that you have brought with you.

- ▶ Clean the vehicle as soon as possible if liquids are spilled.
- ▶ If larger quantities of liquids are spilled, have the vehicle checked in a qualified specialist workshop.

▲ WARNING Risk of fire and injury from hot cigarette lighter

You can suffer burns if you touch the hot heating element or the hot socket of the cigarette lighter.

In addition, flammable materials can catch fire if:

- you drop the hot cigarette lighter.
 - children e.g. hold the hot cigarette lighter to objects.
- ▶ Always hold the cigarette lighter by the knob.
 - ▶ Always make sure that the cigarette lighter is out of the 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 handling 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 allow the payload including occupants to exceed the maximum permissible gross

mass or the gross axle weight rating for the vehicle.

(→ page 418)The values are specified on the vehicle identification plate on the vehicle's B-pillar.

- Push heavy cargo as far forward as possible and stow it as far down in the trunk as possible.
- The load must not protrude above the upper edge of the seat backrests.
- When transporting objects in the cargo compartment, always clip in the partitioning net.
- Always place the load behind unoccupied seats if possible.
- Secure the load with sufficiently tear-resistant and abrasion-resistant tie-down materials. Pad sharp edges for protection.

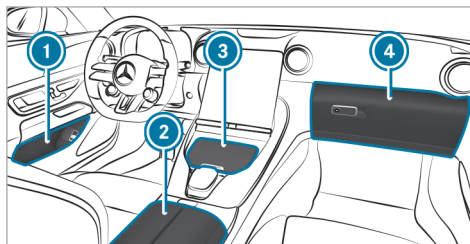
Notes on driving with roof load

- Distribute the roof load and vehicle load evenly, and place heavy objects at the bottom.
- Drive carefully, avoiding abrupt starting, braking and steering as well as fast cornering.

- When transporting roof loads and when the vehicle is fully loaded or fully occupied, select drive program **C** with emphasis on stability (→ page 179).
- i Further information on storage compartments and stowage facilities can be found in the Digital Operator's Manual.

Stowage spaces in the vehicle interior

Overview of the front storage compartments



- 1 Stowage spaces in the doors
- 2 Storage compartment in the armrest with a multimedia connection unit, e.g. for an MP3 player
- 3 Storage compartment in the front center console with a USB port (depending on the vehicle's equipment)
- 4 Glove box

Opening and closing the storage compartment in the front center console

⚠ WARNING Risk of injury due to objects being stowed incorrectly

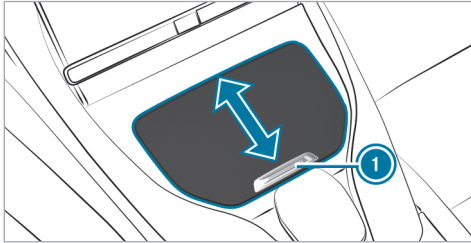
If objects in the vehicle interior are stowed incorrectly, they can slide or be thrown around and hit vehicle occupants. In addition, cup holders, open storage spaces and mobile phone brackets cannot always retain all objects they contain.

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 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.

- ▶ Always stow and secure heavy, hard, pointed, sharp-edged, fragile or bulky objects in the trunk.

Observe the notes on loading the vehicle.



- ▶ **To open:** slide the cover of the storage compartment in the front center console all the way forwards in the direction of the arrow using handle ①.
- ▶ **To close:** briefly push handle ① of the open cover of the storage compartment in the front center console forwards. The cover will automatically close the storage compartment in the front center console.

Opening and closing the storage compartment in the front armrest

⚠ WARNING Risk of injury due to objects being stowed incorrectly

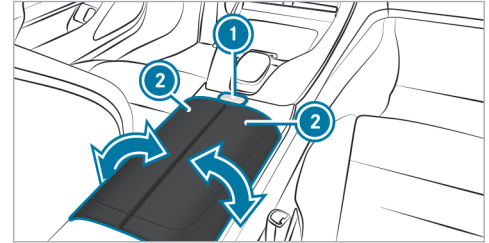
If objects in the vehicle interior are stowed incorrectly, they can slide or be thrown around and hit vehicle occupants. In addition, cup holders, open storage spaces and mobile phone brackets cannot always retain all objects they contain.

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 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.

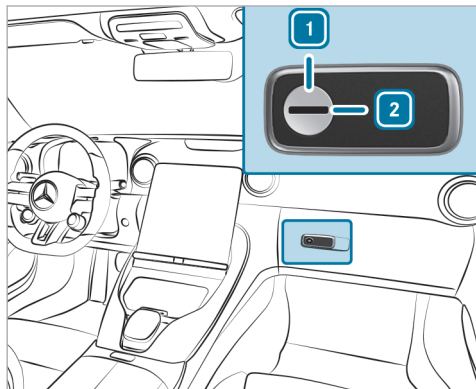
- ▶ Always stow and secure heavy, hard, pointed, sharp-edged, fragile or bulky objects in the trunk.

Observe the notes on loading the vehicle.



- ▶ **To open:** press release catch ① downwards. The covers of the storage compartment in front armrest ② will open automatically in the direction of the arrow.
- ▶ **To close:** move the covers of the storage compartment in front armrest ② inwards in the direction of the arrow. The storage compartment in the front armrest is now closed.

Locking/unlocking the glove box



- ▶ Turn the emergency key a quarter turn clockwise **2** (to lock) or counter-clockwise **1** (to unlock).

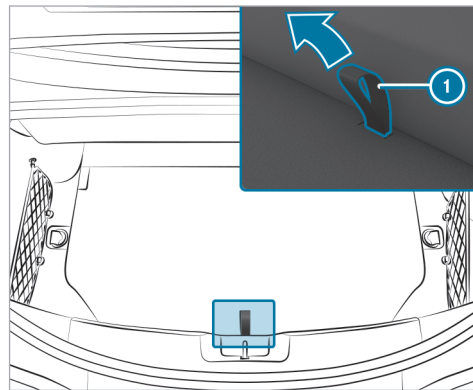
Opening or closing the stowage space under the cargo compartment floor

⚠ WARNING Risk of injury due to an open cargo compartment floor

If you drive with the cargo compartment floor open, objects could be flung around and hit vehicle occupants as a result. There is a risk of injury, particularly in the event of sudden braking or a sudden change in direction.

- ▶ Always close the cargo compartment floor before a journey.

Opening



- ▶ Pull cargo compartment floor up using loop **1**.

Closing

- ▶ Fold the cargo compartment floor down.

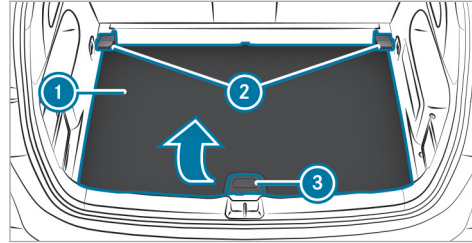
Adjusting the cargo floor

In vehicles with adjustable cargo floor, the cargo compartment can be made larger or smaller as required. To this end, you can position the cargo floor at two different heights.

NOTE Damage to the cargo compartment floor due to incorrect installation

If the cargo compartment floor is loaded in the upper position and not placed in the bracket correctly, the cargo compartment floor may be damaged.

▶ Ensure that the cargo compartment floor is inserted into the bracket correctly.



- ▶ Lift cargo floor ① (in the bottom position in the example) only slightly using handle ③ and pull it towards you.
- ▶ Push cargo floor ① into rear fixtures ② until the cargo floor locks into place.
- ▶ Fold cargo floor ① down.

Sockets

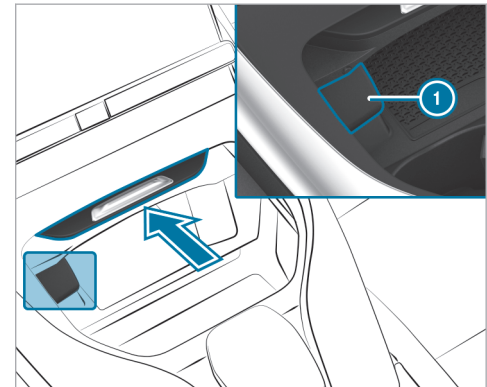
Using the 12 V socket

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 stowage compartment in the front center console
- In the trunk



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

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

If you have connected a device to the 12 V socket, leave the cover of the stowage compartment open.

USB ports in the vehicle

The vehicle has USB ports in the stowage compartment in the front center console.

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

Wireless charging of the mobile phone and connection with the exterior antenna

Notes on wirelessly charging a mobile phone

⚠ 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 stowage 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 a sudden change in direction.

- ▶ Always stow objects so that they cannot be thrown around in such situations.
- ▶ Always make sure that objects do not protrude from stowage spaces, parcel nets or stowage nets.
- ▶ Close the lockable stowage spaces before starting a journey.
- ▶ Always stow and secure heavy, hard, pointed, sharp-edged, fragile or bulky objects in the trunk/cargo compartment.

Observe the notes on loading the vehicle.

⚠ WARNING Risk of fire from placing objects in the mobile phone storage compartment

Placing other objects in the mobile phone storage compartment could constitute a fire hazard.

- ▶ Apart from a mobile phone, do not place any other objects in the mobile phone storage compartment, especially those made of metal.

! NOTE Damage to objects caused by placing them in the mobile phone storage compartment

If objects are placed in the mobile phone storage compartment, these may be damaged by electromagnetic fields.

- ▶ Do not place credit cards, storage media, ski passes or other objects sensitive to electromagnetic fields in the mobile phone storage compartment.

! **NOTE** Damage to the mobile phone stowage compartment caused by liquids

If liquids enter the mobile phone stowage compartment, the compartment may be damaged.

▶ Ensure that no liquids enter the mobile phone stowage compartment.

Always observe the notes for persons with electronic medical aids (→ page 34).

- Depending on the vehicle equipment, the mobile phone is connected to the vehicle's exterior antenna via the charging module.
- The charging function and wireless connection of the mobile phone to the vehicle's exterior antenna are available only if the vehicle is switched on.
- Small mobile phones may not be able to be charged in every position of the mobile phone stowage compartment.
- Large mobile phones that do not rest flat in the mobile phone stowage compartment may

not be able to be charged or connected with the vehicle's exterior antenna.

- The mobile phone may heat up during the charging process. This may also depend on the applications (apps) currently open in the background.
- To ensure more efficient charging and connection with the vehicle's exterior antenna, remove the protective cover from the mobile phone. Protective covers that are necessary for wireless charging are an exception.

Wirelessly charging a mobile phone in the front

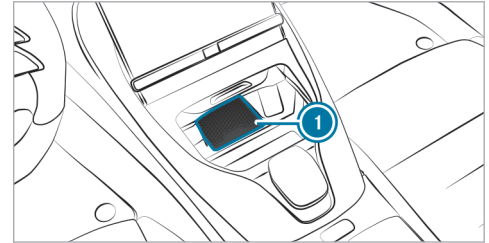
Requirements

- The mobile phone is suitable for wireless charging.

A list of compatible mobile phones can be found at: <https://www.mercedes-benz-mobile.com/>

Depending on its equipment, the vehicle has the following options for wirelessly charging a mobile phone in the cockpit:

- In the front storage compartment
- In the storage compartment of the cockpit armrest



Example: wirelessly charging a mobile phone in the front storage compartment

▶ Place the mobile phone as close to the center of mat ① as possible with the display facing upwards.

Wirelessly charging a mobile phone in the front storage compartment: when the charging symbol

is shown in the multimedia system, the mobile phone is being charged. In addition, malfunctions when the mobile phone is being charged are shown on the central display.

Wirelessly charging a mobile phone in the center console below the armrest: the mobile phone is charging when the indicator lamp is lit. In addition, malfunctions during the mobile phone's charging process are shown by the indicator lamp flashing three times.

- ① The mat can be removed for cleaning, e.g. using clean, lukewarm water.

Installing/removing the floor mats

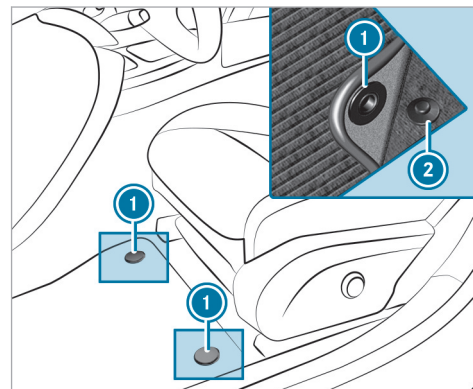
⚠ WARNING Risk of accident due to objects in the driver's footwell

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

This will jeopardize 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.
- ▶ Make sure that there is always sufficient clearance for the pedals.
- ▶ Always install the floor mats securely and as prescribed.
- ▶ Do not use loose floor mats and do not place floor mats on top of one another.

Installing



- ▶ Slide the corresponding seat backwards and lay the floor mat in the footwell.
- ▶ Press studs ① onto holders ②.
- ▶ Adjust the corresponding seat.

Removing

- ▶ Slide the corresponding seat backwards and pull the floor mat off holders ②.
- ▶ Remove the floor mat.

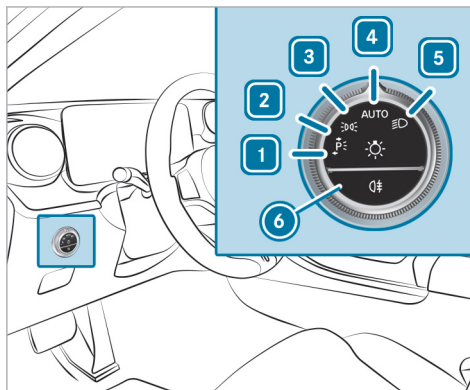
Exterior lighting

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 parking lights
- 2 Right-hand parking lights
- 3 Standing lights and license plate lamp
- 4 Automatic driving lights (preferred light switch position)

- 5 Low beam/high beam
- 6 Activates or deactivates the rear fog light.

When low beam is activated, the indicator lamp for the standing lights 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 parking lamps


Do not have the parking lamps switched on over a period of several hours.

If the battery is insufficiently charged, the standing lights or parking lights will be switched off automatically to facilitate the next engine start.

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

- Observe the notes on locator lighting (→ page 140).

Switching on accident scene lighting

- ▶ Switch off the vehicle.
- ▶ Switch on the hazard warning lamps (→ page 132).
- ▶ Turn the light switch from the **AUTO** position to the  position.
The low beam will be switched on despite the vehicle being switched off.

The accident scene lighting will be switched off if:

- you switch off the hazard warning lights.
- you turn the light switch back to **AUTO**.
- the battery is insufficiently charged.


Automatic driving lights function

When the vehicle is switched on, the standing lights, low beam and daytime running lights will be

switched on automatically depending on 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 the vehicle lighting.

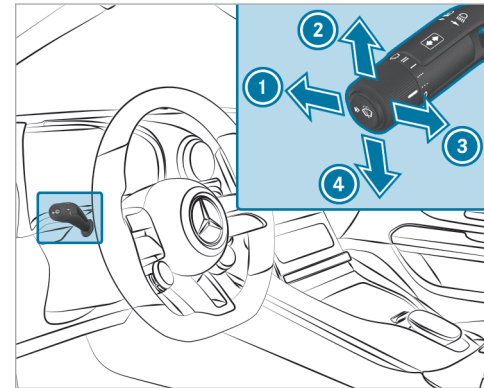
Switching the rear fog light on/off

Requirements

- The light switch is in the  or **AUTO** position.
- ▶ Press 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 select the desired function.

Switching on high beam

- ▶ Turn the light switch to the  or **AUTO** position.
- ▶ Push the combination switch in the direction of arrow ①.
When high beam is activated, the indicator lamp for low beam  will be deactivated and replaced by the indicator lamp for high beam .

Switching off high beam

- ▶ Push the combination switch in the direction of arrow ① or pull it in the direction of arrow ③.

Headlamp flashing

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

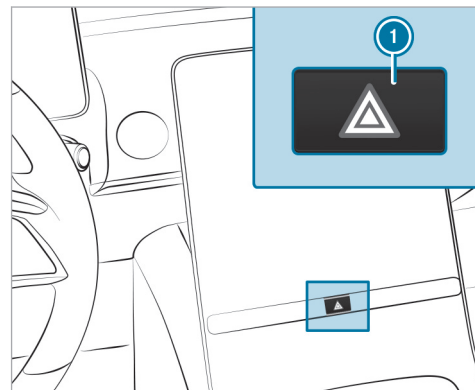
Turn signal lights

- ▶ **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.

Vehicles with Active Lane Change Assist:

- A turn signal indicator activated by the driver may continue to operate for the duration of the lane change.
- If the driver indicated directly beforehand but a lane change was not immediately possible, the turn signal indicator may activate automatically.

Activating/deactivating the hazard warning lights



- ▶ Press button ①.

The hazard warning lights will switch on automatically if:

- the air bag has been deployed
- an emergency stop has been initiated (→ page 234)

DIGITAL LIGHT adaptive functions

Function of dynamic low beam

With this system, the headlamps adapt to the driving and weather situation. It also provides extended functions for improved illumination of the road.

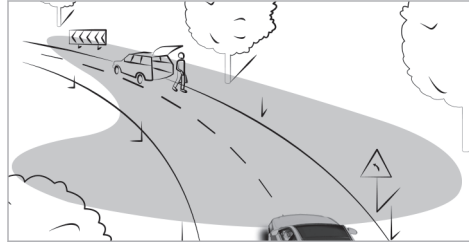
i The availability of the functions is country-dependent.

The system comprises the following functions:

- Active Headlamps (→ page 133)
- Cornering Light (→ page 133)
- Highway mode (→ page 134)
- Enhanced fog light function (→ page 134)
- Bad weather light (→ page 134)
- City lighting (→ page 134)
- Topographical compensation (→ page 134)

The system will be active only when it is dark.

Active headlamps function

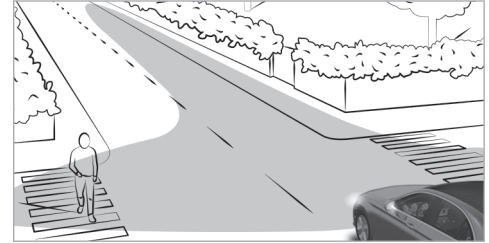


- The headlamps will follow your steering movements.
- Relevant areas will be better illuminated during a journey.

The functions will be active when the low beam is switched on.

Depending on the vehicle's equipment, the course of the lane in which you are driving will also be evaluated and the active headlamps function will adjust the light in advance.

Cornering light function



The cornering light improves the illumination of the road over a wide angle in the turning direction, enabling better visibility on tight bends, for example. The cornering light will be activated only when low beam is switched on.

The function will be active in the following cases:

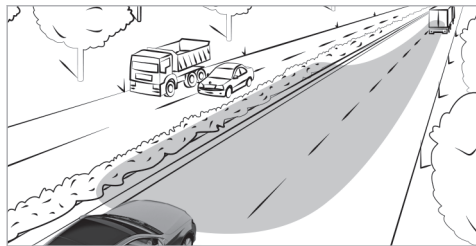
- At speeds below 25 mph (40 km/h) when the turn signal light is switched on or the steering wheel is turned
- At speeds between 25 mph (40 km/h) and 43 mph (70 km/h) and when the steering wheel is turned

Traffic circle and intersection function (Canada):

the cornering light will be activated on both sides based on an evaluation of the vehicle's current navigation position. It will remain active until after the vehicle has left the traffic circle or intersection.

Highway mode function (Canada)

Highway mode increases the range and brightness of the cone of light, enabling better visibility.



The function will be active if a highway journey is detected by means of:

- the vehicle's speed
- the multifunction camera

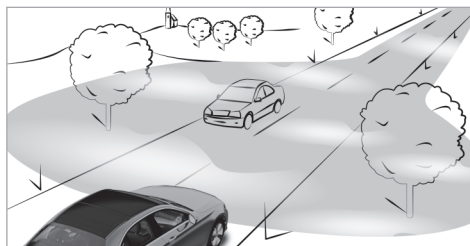
- the navigation system

The function will not be active in the following cases:

- At speeds below 50 mph (80 km/h)

Enhanced fog light function (Canada)

The enhanced fog light function reduces self-dazzling and improves the illumination of the edge of the carriageway.



The function is automatically activated under the following conditions:

- At speeds below 43 mph (70 km/h) and when the rear fog light is switched on.

The function is automatically deactivated under the following conditions:

- When speeds greater than 62 mph (100 km/h) are reached.
- When the rear fog light is switched off.

Function of the bad weather light (Canada)

The bad weather light reduces reflections in rainy conditions by dimming individual areas of the headlamps. There will be less glare for the driver and other road users as a result.

The city lighting function (Canada)

City lighting improves the illumination of roadsides in urban areas using a broad distribution of light.

The function will be active in the following cases:

- At low speeds
- In illuminated parts of urban areas

Function of the topographical compensation

Based on available map data, the lighting system responds pre-emptively to different road heights. This means that the headlamp range will remain

virtually constant when you are driving uphill or downhill.

- ❗ Only vehicles with a multimedia system with navigation have this function.

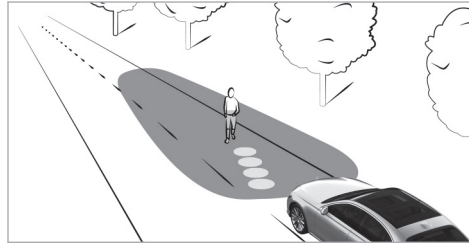
Assistance functions of DIGITAL LIGHT

DIGITAL LIGHT visually expands on the driver assistance systems by projecting the assistant displays in front of the vehicle while it is in motion. DIGITAL LIGHT can therefore help the driver in critical situations.

- ❗ The availability of the functions is country-dependent.

The system will remain active when Highbeam Assist is switched on.

Spotlight

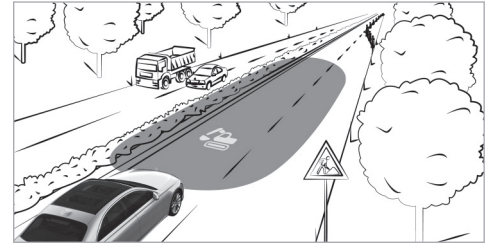


The spotlight function runs in the background and flashes the headlamps in four short bursts at persons detected within the lane markings. You will also be made aware of the position of the person by a projected symbol.

The function will be active in the following circumstances:

- You are driving outside illuminated areas.
- The system detects a lane marking.

Notes

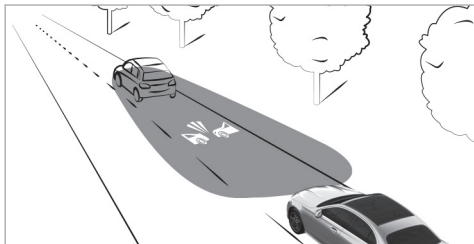


If Traffic Sign Assist detects a roadworks zone, the system will provide support as follows:

- A corresponding symbol will be projected onto the road when you enter a roadworks zone.

Observe the system limitations of Traffic Sign Assist (→ page 245).

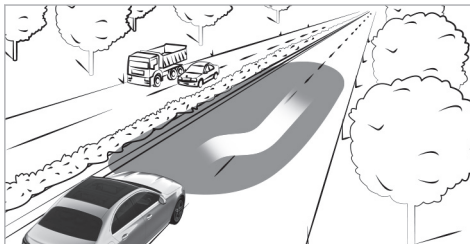
Collision warning



If you fall below the safe distance at speeds of at least 19 mph (30 km/h), a collision warning symbol will be projected onto the road.

Observe the system limitations of Active Brake Assist (→ page 240).

Lane change warning



During assisted lane changes at speeds of at least 19 mph (30 km/h), the course of the lane change will flash.

Observe the system limitations of Active Lane Change Assist (→ page 235).

Lane keeping and blind spot warning



At speeds of at least 19 mph (30 km/h), a triangle that indicates a lane correction and its direction will be projected onto the road in the following cases:

- You leave the lane unintentionally.
Observe the system limitations of Active Lane Keeping Assist (→ page 253).
- You switch on the turn signal light while an object or obstacle is in your blind spot.
Observe the system limitations of Active Blind Spot Assist (→ page 249).

■ Activating/deactivating dynamic low beam

Requirements:

- The vehicle is switched on.

Multimedia system:

→  » Settings » Light
 » DIGITAL LIGHT

▶ Activate or deactivate **Dynamic Low Beam**.

Activating/deactivating enhanced assistance functions

ⓘ The availability of the functions is country-dependent.

ⓘ This function is an on-demand feature (→ page 26).

▶ Select **Supporting Projections**.

▶ Activate or deactivate the desired projections.

▶ Switch **Projection for greeting/farewell** on or off.

If the locator lighting or the exterior switch-off delay time is activated, a high-resolution greeting or farewell scene will be played back for a short period of time when the vehicle is

opened or switched off. You can choose between the **Digital Rain** and **AMG Pattern** sequences.

- ⓘ More information on locator lighting (→ page 140).
 More information on the exterior switch-off delay time (→ page 140).

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.

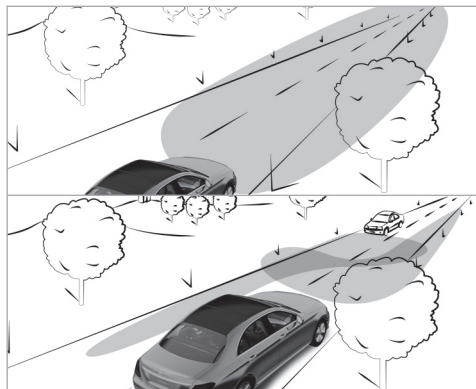
- ▶ Always observe the road and traffic conditions carefully and switch off the high beam in good time.

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 headlamps
- High beam

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


- If no other road users are detected, high beam will switch on automatically.

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

Switching Adaptive Highbeam Assist on/off

Switching on

- ▶ Turn the light switch to the **AUTO** position.
 - ▶ Switch on high beam using the combination switch.
- If Adaptive Highbeam Assist is activated, the  indicator lamp will light up on the driver's display.

Switching off

- ▶ Switch off high beam using the combination switch.

Adaptive Highbeam Assist Plus

Adaptive Highbeam Assist Plus function (Canada)

⚠ WARNING Risk of accident despite Adaptive Highbeam Assist Plus

Adaptive Highbeam Assist Plus 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 Plus 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.

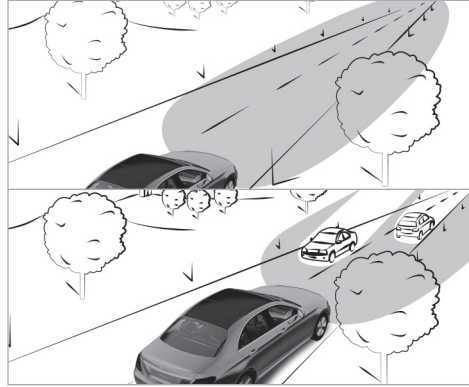
- ▶ Always observe the road and traffic conditions carefully and switch off the high beam in good time.

Adaptive Highbeam Assist Plus 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 soiling on the sensors or the sensors are obscured

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



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

- Low beam
- Partial high beam
- High beam

Partial high beam does not include other road users in the high beam area. It does not dazzle them but enables full high-beam illumination for

the driver apart from the excluded vehicles. Highly reflective signs are also illuminated with reduced brightness.

At speeds below 16 mph (25 km/h) or when there is sufficient street lighting:

- Partial high beam and high beam will be switched off automatically.

At speeds above 19 mph (30 km/h):


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

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

Switching Adaptive Highbeam Assist Plus on/off (Canada)

Switching on

- ▶ Turn the light switch to the **AUTO** position.

- ▶ Switch on high beam using the combination switch.
If Adaptive Highbeam Assist Plus is activated, the  indicator lamp will light up on the driver's display. When partial high beam or high beam is active, the corresponding blue indicator lamp will also light up.

Switching off

- ▶ Switch off high beam using the combination switch.

Switching the daytime running lights on/off

Multimedia system:

- ▶  ▶ Settings ▶ Light
- ▶ DIGITAL LIGHT

- ▶ Switch the **Daytime Running Lights** on or off.
- ⓘ In vehicles without DIGITAL LIGHT headlamps, the daytime running lights can be switched on or off on the **driving lights** menu.
- ⓘ Availability of the function is country-dependent.

Setting the exterior lighting switch-off delay time


Multimedia system:

- ▶  ▶ Settings ▶ Light
- ▶ Interior/Exterior Lighting
- ▶ Exterior Lighting Switch-off Delay

- ▶ Set a switch-off delay time.
After parking and locking the vehicle, the exterior lighting will be activated for the set time.

Activating/deactivating locator lighting

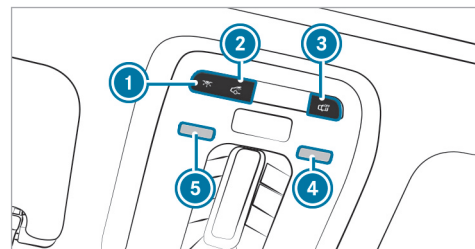
Multimedia system:




- ▶  ▶ Settings ▶ Light
- ▶ Interior/Exterior Lighting
- ▶ Activate or deactivate **Locator Lighting**.

When the function is activated, the exterior lighting will light up for 40 seconds after the vehicle is unlocked or the driver's door is opened when the vehicle is parked and not locked. When you start the vehicle, the locator lighting will be deactivated and the automatic driving lights activated.

Interior lighting

Adjusting the interior lighting



- ①  Switches the front interior lighting on/off.
- ②  Switches the rear interior lighting on/off.
- ③  Switches automatic interior lighting control on/off.

- ▶ **To switch reading lamps on/off:** hold your hand under the respective reading lamp ④ or ⑤.

Adjusting the ambient lighting

Multimedia system:

→  → Comfort → Ambient Light

Setting the color

- ▶ Select **Color**.
- ▶ Select **Monochrome** or **Multi-color**.
- ▶ Set the desired color or color scheme.

Adjusting the brightness

- ▶ Select **Brightness**.
- ▶ Adjust the brightness.
- ⓘ Depending on the ambient light conditions, the ambient lighting will automatically switch between day and night modes.

Activating the brightness for zones

- ▶ Select **Brightness**.
- ▶ Switch off **Link Zones**.
The **Direct**, **Indirect** and **Accents** zones can be set separately.

Activating effects

⚠ WARNING Risk of accident if ambient lighting and active ambient lighting effects are not switched on

The warning assistance effects will be fully active only when the relevant driving or driving safety systems are activated on the Driving Assistance menu.

- ▶ Make sure that the relevant driving or driving safety systems are activated.

- ⓘ Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize dangers (→ page 212).
- ▶ Select **Effects**.
- ▶ Activate the desired effect.
- ⓘ Different effects will be available depending on the vehicle equipment.

Operating feedback effects

- **Climate**: If changes are made to the temperature setting in the vehicle, the color of the ambient lighting will change briefly.

- **Greeting**: When you get into the vehicle, a special color animation will play.

Warning assistance effects

- **Warning When Exiting**: If an object is detected in the blind spot while you are getting out of the vehicle, the ambient lighting on the affected door will flash red.
Further information on the exit warning (→ page 249).

Multi-color Animation

- The chosen color combination will change at predefined intervals.

Switching the interior lighting switch-off delay time on/off

Multimedia system:

→ [Home] >> Settings >> Light

>> Interior/Exterior Lighting

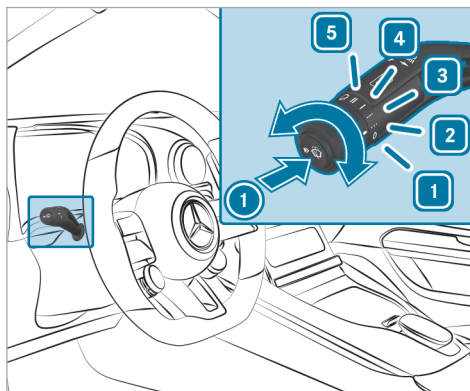
>> Interior Lighting Switch-off Delay

▶ Activate or deactivate **Interior Lighting Switch-off Delay**.

If this function is active, the interior lighting will be switched on for a short time after the end of the journey.

Windshield wiper and windshield washer system

Switching the windshield wipers on or off



- 1** **0** Windshield wipers off
- 2** **...** Automatic wiping, normal
- 3** **....** Automatic wiping, frequent
- 4** **—** Continuous wiping, slow
- 5** **==** Continuous wiping, fast

▶ Turn the combination switch to the corresponding position **1** - **5**.

▶ **Single wipe:** press button **1** as far as the pressure point.

▶ **Wiping with washer fluid:** press button **1** beyond the pressure point.

i Observe the notes on washing the vehicle in a car wash (→ page 355).

Vehicles with MAGIC VISION CONTROL: in position **2** or **3**, the windshield washing process will automatically be triggered if dirt is detected on the windshield unless the **Add Washer Fluid** message is being displayed.

Deep-cleaning the windshield

If the windshield is very dirty, you can deep-clean it above outside temperatures of 41°F (5°C).

▶ While the vehicle is stationary, turn the combination switch to position **1**, **2** or **3**.

- ▶ Press the button on the combination switch in the direction of arrow ① and hold it for approximately two seconds. The wiper arms will move into their replacement positions and washer fluid will be distributed on the windshield.

After approximately 30 seconds, the wiper arms will move back again and wipe the windshield several times. Deep-cleaning will then finish.


Replacing 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.

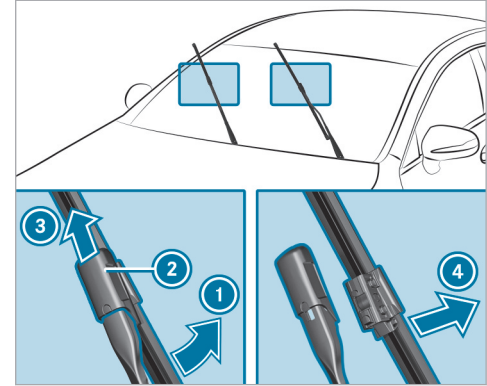
- ▶ Always switch off the windshield wipers and vehicle before changing the wiper blades.

Moving the wiper arms into the replacement position

- ▶ Switch the vehicle on and then off again immediately.
- ▶ Within around 15 seconds, press and hold the  button on the combination switch for approximately three seconds (→ page 142). The wiper arms will move into the replacement position.

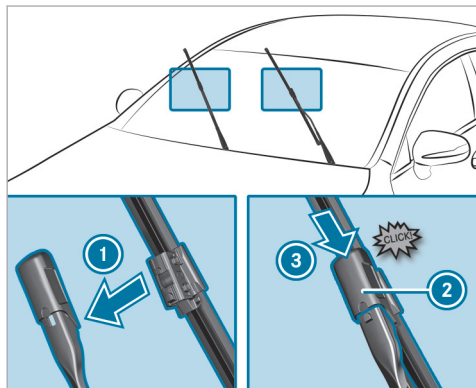
Removing the wiper blades

- ▶ Fold the wiper arms away from the windshield.




- ▶ Hold the wiper arm with one hand. With the other hand, turn the wiper blade away from the wiper arm in the direction of arrow ① as far as it will go.
- ▶ Slide catch ② in the direction of arrow ③ until it engages in the removal position.
- ▶ Remove the wiper blade from the wiper arm in the direction of arrow ④.

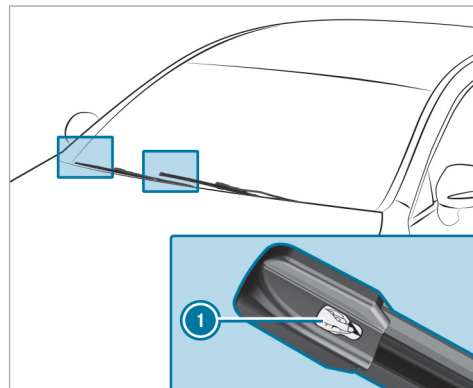
Installing the wiper blades



- ▶ Insert the new wiper blade into the wiper arm in the direction of arrow ①.
- ▶ Slide catch ② in the direction of arrow ③ until it engages in the locking position.
- ▶ Make sure that the wiper blade is seated correctly.
- ▶ Fold the wiper arms back onto the windshield.

- ▶ Switch on the vehicle.
 - ▶ Press button  on the combination switch. The wiper arms will return to their original positions.
 - ▶ Switch off the vehicle.
- ⓘ Check the condition of the wiper blades regularly and replace them in the event of visible damage or ongoing smearing.

Maintenance display




- ▶ Remove protective film ① from the maintenance displays on the tips of the newly installed wiper blades.

When the color of the maintenance displays changes from black to yellow, replace the wiper blades.

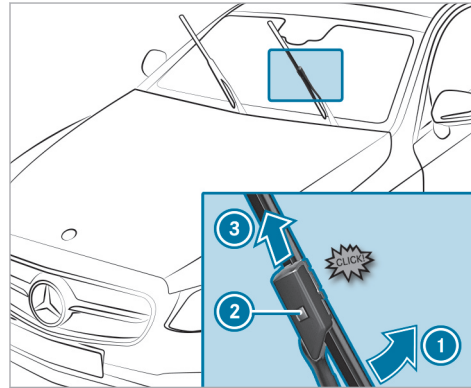
- i** The time it takes for the color to change will vary depending on the usage conditions.

Replacing the windshield wiper blades (MAGIC VISION CONTROL)

Moving the wiper arms into the replacement position

- ▶ Switch off the vehicle.
- ▶ Within around 15 seconds, press the  button on the combination switch (→ page 142). The wiper arms will move into the replacement position.

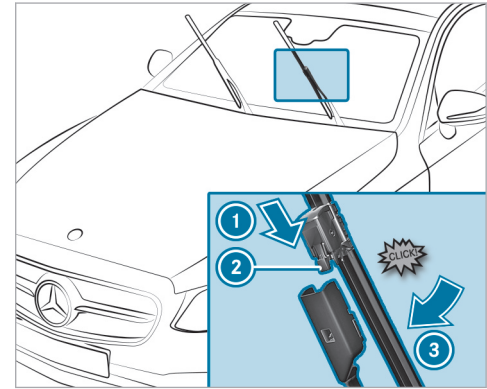
Removing the wiper blades



- ▶ **To bring the wiper blade into position to be removed:** hold the wiper arm firmly with one hand. With the other hand, turn the wiper blade in the direction of arrow ① beyond the point of resistance. The wiper blade will engage in the removal position with a click.

- ▶ **To remove the wiper blade:** press release knob ②, pull the wiper blade in the direction of arrow ③ and remove.

Installing the wiper blades



- ▶ Push the new wiper blade onto the wiper arm in the direction of arrow ① until release knob ② engages.

- ▶ Press the wiper blade beyond the point of resistance in the direction of arrow ③ on the wiper arm.
The wiper blade will engage with a noticeable click and move freely again.
- ▶ Fold the wiper arm back onto the windshield.
- ① Check the condition of the wiper blades regularly and replace them in the event of visible damage or ongoing smearing.

Mirrors

Operating the outside mirrors

- ⚠ **WARNING** Risk of accident due to adjusting the 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 restraint, the steering wheel or the mirror while the vehicle is in motion

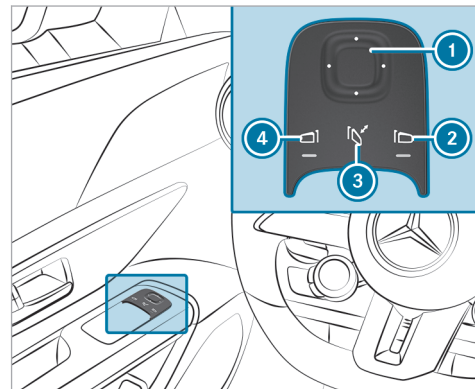
- If you fasten your seat belt while the vehicle is in motion
- ▶ Before starting the vehicle: in particular, adjust the driver's seat, head restraint, steering wheel and mirror, and fasten your seat belt.

- ⚠ **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. The objects in view are in fact closer than they appear.

- ▶ Therefore, always look over your shoulder to check the actual distance between you and the road users traveling behind you.

Adjusting the outside mirrors



- ▶ Use button ② or ④ to select the desired mirror.
- ① In vehicles with MBUX Interior Assistant and driver camera, the required outside mirror can also be preselected automatically via a natural head movement to the left or right (→ page 306).

- ▶ Use button ❶ to adjust the position of the selected mirror.

Folding the outside mirrors in/out (vehicles with electrically folding outside mirrors)

- ▶ Briefly press button ❸.

- ❶ If the battery has been disconnected or has discharged, the outside mirrors must be moved briefly using button ❸. Only then will the automatic mirror folding function work properly.

Engaging the outside mirrors

If an outside mirror has been forcibly disengaged, proceed as follows.

- ▶ Vehicles without electrically folding outside mirrors: move the outside mirror into the correct position manually, until it engages audibly.
- ▶ Vehicles with electrically folding outside mirrors: press and hold button ❸. You will hear a click and the mirror will audibly engage. 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 vehicle 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:

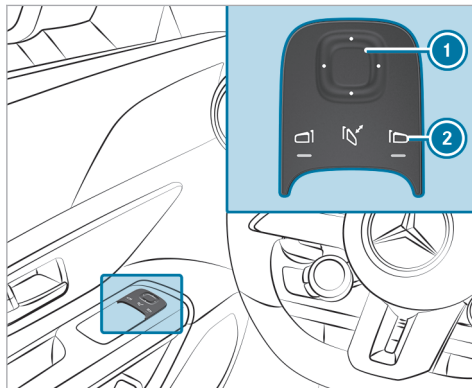
- The parking position is stored (→ page 148).
- The front-passenger mirror is selected.
- Reverse gear is engaged.

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 ②.
- ▶ Engage reverse gear.
The front-passenger outside mirror will move into the stored parking position.

Activating/deactivating the automatic mirror folding function

Multimedia system:

→ ▶ Settings ▶ Vehicle
▶ Open/Close

- ▶ Activate or deactivate **Automatic Mirror Folding**.

Overview of climate control systems

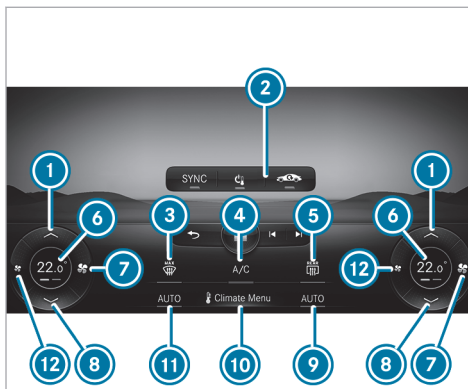
Notes on climate control

An interior air filter in combination with the prefilter in the engine compartment must always be used so that the air conditioning system, pollution level monitoring and the air filtration work correctly. Only use filters approved by Mercedes-Benz. Always have maintenance work carried out at a qualified specialist workshop.

Note that your vehicle may not be equipped with all functions described here.

Overview of the THERMOTRONIC climate bar

The indicator lamps indicate that the corresponding functions are activated.



Climate bar on the central display (example)





- ① ▲ Increases the temperature
 - ② SYNC Synchronization function (→ page 152)
 - ③ ☹ Switches off climate control (→ page 150)
 - ④ 🚗 Switches air-recirculation mode on/off (→ page 152)
 - ⑤ 🚗 MAX Defrosts the windshield (→ page 151)
 - ⑥ 🚗 Switches the rear window defroster on/off
 - ⑦ 🌀 Temperature display
 - ⑧ 🌀 Increases the airflow or switches on climate control (→ page 150)
 - ⑨ ▼ Reduces the temperature
 - ⑩ AUTO Sets climate control to automatic mode, right (→ page 151)
 - ⑪ 📄 MENU Calls up the air-conditioning menu (→ page 150)
 - ⑫ AUTO Sets climate control to automatic mode, left (→ page 151)
 - ⑬ 🌀 Reduces the airflow or switches off climate control (→ page 150)
- ⓘ The climate bar will remain visible even when the vehicle is parked or the air-conditioning system is switched off (→ page 150).

- ⓘ The availability of individual functions depends on country and equipment.



Operating the climate control system


Switching climate control on/off via the climate bar

Switching on climate control:

- ▶ Set the airflow to level 1 or higher via  on the climate bar on the central display
- or
- ▶ Press **AUTO**, ,  or .

Switching off climate control:


- ▶ Set the airflow to level 0 via  on the climate bar on the central display
- or
- ▶ Press .

- ⓘ If you switch off climate control by pressing , fragrancing, if enabled, will also be switched off automatically.

If climate control is switched off, the windows may fog up more quickly. Switch climate control off only briefly.

Activating/deactivating the A/C function via the climate bar

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

- ▶ Press  on the climate bar on the central display.

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.

Calling up the air conditioning menu via the climate bar or the air conditioning control panel

The air conditioning menu can be called up via the climate bar. The climate bar is always shown on the lower edge of the central display.

- ▶ Select the **Climate Menu** entry in the air conditioning bar.

Jumping directly to the Air Quality menu


- ▶ Select the  fine particle status display. The **Air Quality** menu is opened. An animation of the automatic air cleaning taking place is shown.

- ⓘ The fine particle status display is on the home screen next to the temperature display on the right and it informs you of the current particulate levels inside and outside of the vehicle. The measurement values are shown with the $\mu\text{g}/\text{m}^3$ units (micrograms per cubic meter).



The fine particle value measured in the vehicle interior can be influenced by the incoming air in heating mode, especially at a high blower setting. This can lead to an unrepresentative display of the fine particle value.

Defrosting the windshield via the climate bar

Switching on:

- ▶ Press  on the climate bar on the central display.
- ⓘ When the defrost function is activated, some functions (e.g. the temperature setting) will automatically be deactivated.

Switching off:

- ▶ Press , **AUTO** or  on the climate bar on the central display
- or
- ▶ set the airflow to 0.

Activating/deactivating the A/C function via the air-conditioning menu

Requirements

- A fine particle sensor is installed.

Multimedia system:



→ Climate Menu ▶▶ First Row of Seats

Depending on the external conditions, support for improved cooling and dehumidification of the interior air will be provided when the A/C function is activated.

- ▶ Select **A/C** (A/C).

Setting climate control to automatic mode via the climate bar




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

- ▶ Press **AUTO** on the climate bar on the central display.
- ⓘ You can increase or reduce the airflow by pressing  on the climate bar on the central display.
- ▶ **To switch to manual operation:** switch off automatic mode or adjust an aspect of air distribution, e.g. .

Setting air distribution using the air conditioning menu

Multimedia system:

→ Climate Menu

- ▶ To set the air distribution: select ,  or .
- ▶ Set the airflow.
- ⓘ When the air conditioning system is switched on, at least one zone is always active. However, several air distribution options can be selected at the same time, for example to set the climate control for the vehicle interior and the footwells simultaneously. When automatic mode is active, however, the buttons for setting the air distribution are deactivated. When the air conditioning system is switched off, the last setting is automatically saved.

Switching the synchronization function on/off via the air-conditioning menu

Multimedia system:

➤ Climate Menu


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

➤ Select **SYNC** (SYNC).

Defrosting the windows

Windows fogged up on the inside

➤ Press **AUTO** on the climate bar on the central display.


➤ If the windows remain fogged up: press  on the climate bar on the central display.

Windows fogged up on the outside

➤ Switch on the windshield wiper.

➤ Press **AUTO** on the climate bar on the central display.

Switching air-recirculation mode on/off via the climate bar

➤ Press  on the climate bar on the central display.
The interior air will be recirculated.


Air-recirculation mode automatically switches to fresh air mode after a while.

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

Switching air-recirculation mode on/off via the air-conditioning menu

Multimedia system:

➤ Climate Menu ➤ Air Quality

➤ Press  on the upper display area of the climate bar on the central display.
The interior air will be recirculated.

Air-recirculation mode will automatically switch to fresh air mode after a while.

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

Switching residual heat mode on/off via the climate bar

Requirements:

- The residual heat function is available.
- The vehicle is parked.
- The coolant temperature is sufficiently high.

It is possible to make use of the residual heat from the engine to continue heating the front compartment of the vehicle for approximately 30 minutes, depending on the temperature set.

➤ **To switch on or off:** select **Residual Heat** on the climate bar of the central display.

The residual heat function will automatically switch off after a while.

ⓘ If residual engine heat utilization is activated, the two buttons for setting the temperature and air distribution will automatically be deactivated.

Pre-entry climate control via the key (plug-in hybrid)

Function of pre-entry climate control when the vehicle is unlocked

The seats can be briefly preheated or precooled before you get into the vehicle.

- ⓘ When the soft top is open, the pre-entry climate control will be available only to a limited extent.

Depending on the vehicle's equipment, the following functions will be activated as needed during precooling:

- Automatic climate control
- Blower
- Seat ventilation

Depending on the vehicle's equipment, the following functions will be activated as needed during preheating:

- Automatic climate control
- Blower
- Seat heating

- Steering wheel heater
- Mirror heater
- Rear window heater

Setting pre-entry climate control when the vehicle is unlocked in the multimedia system

Multimedia system:

↳ Climate Menu ▶▶ Pre-entry Climate Ctrl.

- ⓘ When the soft top is open, pre-entry climate control will be available only to a limited extent.

▶ Activate or deactivate the function.

Selecting seats

▶ Select **Driver** or **Passenger**.

The seat-specific functions of pre-entry climate control (e.g. seat heating) will be performed for the selected seats.

When pre-entry climate control is enabled, an LED on the climate bar on the central display will light up blue for a cooled vehicle and red for a heated vehicle.

Activating/deactivating pre-entry climate control when the vehicle is unlocked


Requirements

- ⓘ When the soft top is open, the pre-entry climate control will be available only to a limited extent.

- The high-voltage battery is charged sufficiently.
- The function has been activated via the multimedia system.

▶ **To switch on:** unlock the vehicle. The climate control functions are activated for up to five minutes for preheating and precooling.

Pre-entry climate control when the vehicle is unlocked cannot be activated more than twice when the vehicle is switched off.

▶ **To switch off:** press  on the climate bar on the central display.

Depending on the vehicle equipment, the following functions will remain active once the vehicle has been started:

- Seat heating
- Seat ventilation

Pre-entry climate control for departure time

■ Pre-entry climate control for departure time function

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

If persons, particularly children, are subjected to prolonged exposure to intense heat or cold, there is a risk of severe injury or even death.

- ▶ Never leave persons, particularly children, unattended in the vehicle.

⚠ 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 has been switched on repeatedly.

- ① Only Mercedes-AMG vehicles or vehicles with EQ technology have the pre-entry climate control at departure time function.
- ① When the soft top is open, pre-entry climate control will be available only to a limited extent.

The air inside the vehicle can be heated, ventilated or cooled to the set temperature when the vehicle is parked.

Vehicles with EQ technology: when the vehicle is connected to power supply equipment, priority will be given to charging the high-voltage battery to a specified minimum state of charge.

The running time of pre-entry climate control may be reduced in the following circumstances:

- Vehicles with EQ technology: the vehicle is not connected to power supply equipment.
- The high-voltage battery is not fully charged

Vehicles with EQ technology: with active pre-entry climate control, the state of charge of the high-voltage battery may be reduced, even if the charging cable connector is connected.

If available, seat ventilation will be activated in the cooling and ventilation modes.

Depending on the vehicle's equipment, the following functions will be activated in heating mode, if available:

- Seat heating

- Steering wheel heater
- Mirror heater
- Rear window defroster
- Windshield heater

When the set temperature is changed, climate control mode will automatically be updated and switched from heating mode to ventilation or cooling mode, from cooling mode to ventilation or heating mode or from ventilation mode to heating or cooling mode.

Setting pre-entry climate control for departure time via the climate bar


Multimedia system:

➔ Climate Menu ➔ Pre-entry Climate Ctrl.


Setting the departure time

- ❗ When the soft top is open, pre-entry climate control will be available only to a limited extent.
- ❗ Vehicles with EQ technology: the set departure times are used for the vehicle's pre-entry climate control and for predictions regarding the approximate state of charge and range at

the time selected. Additional information on the charging settings (→ page 320).

- ▶ Select **Edit Departure Time** .
- ▶ Select a departure time or set a new departure time.

Setting repeat days

- ▶ Select **Edit Departure Time** .
- ▶ Set the desired departure time and select the corresponding days on which this departure time is to apply.
- ▶ Press **OK** to confirm.


Selecting seats

- ▶ Select **Driver** or **Passenger**.
Pre-entry climate control will take place for the selected seats.

If a departure time is set, a yellow LED will appear on the climate bar of the central display. In addition, an LED on the climate bar will indicate when pre-entry climate control is activated. It will light up blue when the vehicle is being cooled and red when it is being heated.

Activating/deactivating pre-entry climate control for departure time

Requirements:

- ❗ When the soft top is open, pre-entry climate control will be available only to a limited extent.
 - The high-voltage battery is charged sufficiently.
 - The function has been activated via the multimedia system.
- ▶ **To activate:** set the departure time (→ page 155).
Vehicles with EQ technology: pre-entry climate control for departure time will switch on a maximum of 55 minutes before the selected departure time. It will remain active for another five minutes if departure is delayed.
 - ▶ **To deactivate the pre-entry climate control for departure time early:** press  on the climate bar on the central display or switch off the preselection of the time on the climate menu.

If present, the following functions will remain active once the vehicle has been started:

- Seat heating
- Seat ventilation

Activating/deactivating immediate pre-entry climate control

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

If persons, particularly children, are subjected to prolonged exposure to intense heat or cold, there is a risk of severe injury or even death.

- ▶ Never leave persons, particularly children, unattended in the vehicle.

⚠ 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 has been switched on repeatedly.

Requirements:

- The vehicle is switched off.
- ⓘ Only vehicles with EQ technology have the immediate pre-entry climate control function.

Air-conditioning of the vehicle interior can continue for up to 50 minutes for vehicles with EQ technology, e.g. if the journey is interrupted.

- ▶ Press  on the climate bar on the central display. The red or blue indicator lamp below  on the climate bar on the central display will light up or go out.

- ▶ Set the temperature using the  and  arrows on the climate bar on the central display.

The colors of the indicator lamp have the following meanings:

- **Blue:** ventilation or cooling mode is switched on.
- **Red:** heating mode is switched on.
- **Yellow:** the departure time is preselected.

Air vents

Adjusting the front air vents

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

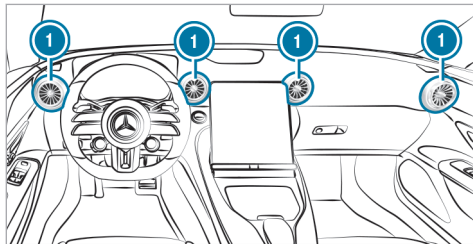
Very hot or very cold air can flow from the air vents.

- ▶ 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, note the following:

- Always keep the vents and ventilation grilles in the vehicle interior clear.
- Keep the air inlet free of residue build-up (→ page 355).



- ▶ **To open or close:** hold the center of air vent ① and turn it to the left (open) or right (closed) as far as it will go.

- ▶ **To set the airflow direction:** hold the center of air vent ① and move it up or down or to the left or right.

Adjusting the AIRSCARF vents

⚠ WARNING Risk of burns caused by the heating output from AIRSCARF being too high

When AIRSCARF is switched on, very hot air can flow from the outlet opening in the head restraints.

- ▶ Turn the heating output down in good time.
- ▶ Maintain a suitable distance from the outlet opening.

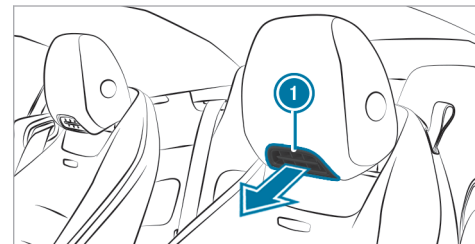
! NOTE Damage caused to AIRSCARF by the use of protective covers

If a protective cover is placed over the front seat head restraints, the flow of air from the AIRSCARF vent is hindered.

This can cause AIRSCARF to overheat and be damaged.

- ▶ Do not use protective covers on head restraints with AIRSCARF.

Make sure that no objects are covering the air inlet grille on the back of the head restraints.



- ▶ You can adjust the blower settings for AIRSCARF vents ① using the AIRSCARF button (→ page 113).
- ▶ You can adjust the heights of AIRSCARF vents ① and the current of air by adjusting the heights of the head restraints (→ page 108).

Driving

Notes on plug-in hybrids

Notes on plug-in hybrid operation

⚠ WARNING Risk of chemical burns and poisoning from damaged high-voltage battery

If the housing of the high-voltage battery has been damaged, electrolyte and gases may leak out.

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

⚠ DANGER Risk of fire and explosion from excessive internal pressure of the high-voltage battery

In the event of a vehicle fire, flammable gas can escape and ignite.

- ▶ If there is an unusual smell, smoke or burn marks, stop the charging process immediately.
- ▶ Leave the danger zone immediately. Secure the danger area at a sufficient distance.
- ▶ Call the fire service.

The hybrid system combines a combustion engine with electric motors. In drive programs **[C]** and **[B]**, the hybrid system selects the most suitable drive type according to the driving conditions and the distance.

Characteristics when the vehicle is at a standstill:

- The combustion engine will generally be switched off.
- Idle speed will occur only in certain instances.

Characteristics when the vehicle is started:

- If the high-voltage battery is sufficiently charged, it will be possible to start the vehicle with the electric drive system without the combustion engine (noiseless start).

- If the high-voltage battery for the electric drive system is not sufficiently charged or the vehicle conditions for a silent start are not met, the vehicle will start with the combustion engine.
- ⓘ Depending on the system, it may be that even though the high-voltage battery is charged, electric mode has restricted or no availability. When the combustion engine has run for long enough and the ambient conditions permit, electric mode will be available without restriction once more.

Characteristics with moderate power output requests:






- The combustion engine will be switched off as often as possible during a journey.
- The vehicle can, depending on the drive program selected and the state of charge, be accelerated under electric power up to speeds of approximately 81 mph (130 km/h). After that, the combustion engine will be switched on.

Characteristics with high power output requests:

- The electric motors support the combustion engine (boost effect), e.g. when the car is pulling away or accelerating.
- The high-voltage battery will be discharged.

Characteristics when the accelerator pedal is released during the journey:

- The electric motor at the rear axle operates as a generator in overrun mode and during braking.
- The high-voltage battery will be charged.

i In drive program , the vehicle will drive in electric-only mode; in drive programs ,   and , the combustion engine will always be on (→ page 179).

Notes on electric mode:

- Vehicles with hybrid systems in electric mode generate significantly less noise when stationary and when being driven than vehicles with combustion engines.
- In electric mode, the vehicle may not be heard by other road users due to the significantly

reduced noise generated when the vehicle is in motion and when at a standstill.

It is for this reason that the vehicle is equipped with a sound generator, which serves as an acoustic vehicle alerting system (AVAS). This safety system is prescribed by law.

The external noise produced by the sound generator can be heard in the vehicle interior when the vehicle is stationary and at low speeds and does not represent a malfunction.

- If not all the vehicle conditions for electric mode are met, the combustion engine will be switched on.
- Performance restrictions in electric mode are possible as a result of the operating temperature of the high-voltage battery and drive system, the ambient temperature and aging of the high-voltage battery.
- In electric mode, the maximum power will not be permanently available and may drop to continuous output.

Notes on the acoustic vehicle alerting system:

- The sound generator will produce idling and speed-dependent driving noises up to a speed of approximately 19 mph (30 km/h).
- This will help other road users, particularly pedestrians and cyclists, to hear your vehicle better.
- From a speed of 13 mph (20 km/h), the acoustic vehicle alerting system will gradually switch off the driving noises.
- Observe the notes on AMG Real Performance Sound (→ page 176).

Manually disconnecting the high-voltage on-board electrical system

⚠ DANGER Risk of death and fire due to modified and/or damaged components of the high-voltage on-board electrical system

The vehicle's high-voltage on-board electrical system is under high voltage. If you modify component parts in the vehicle's high-voltage

on-board electrical system or touch damaged component parts, you may be electrocuted. In addition, modified and/or damaged components may cause a fire.


In the event of an accident or impact to the underbody, components of the high-voltage electrical system may be damaged although the damage is not visible.

- ▶ Never make any modifications to the high-voltage on-board electrical system.
- ▶ Do not switch on or use the vehicle if its high-voltage on-board electrical system components have been modified or damaged.
- ▶ Never touch damaged components of the high-voltage on-board electrical system.
- ▶ After an accident, do not touch any components of the high-voltage on-board electrical system.
- ▶ After an accident, have the vehicle transported away.

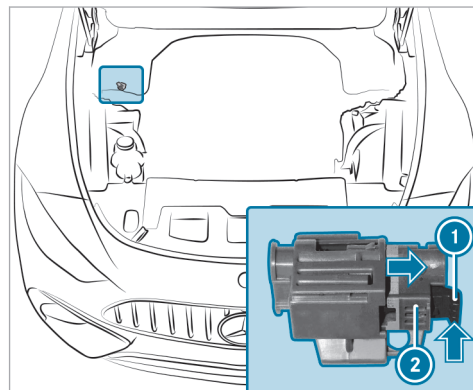
▶ Have the components of the high-voltage on-board electrical system checked at a qualified specialist workshop and replaced if necessary.

Requirements

Only disconnect the high-voltage on-board electrical system manually in the following situations:

- The restraint system warning lamp  lights up in the driver display, e.g. after an accident.
- The vehicle is badly damaged, e.g. after an accident, and restraint system components have not been triggered.

Operating the high-voltage disconnect device



- ▶ Switch off the vehicle.
- ▶ Shift the transmission to position **P**.
- ▶ Apply the electric parking brake.
- ▶ Secure the vehicle against rolling away.
- ▶ Open the hood.

- ▶ Press release tab ① in the direction of the arrow and pull it out.
- ▶ Pull high-voltage disconnect device ② in the direction of the arrow until it engages. The high-voltage on-board electrical system is switched off.

All work on the hybrid drive system- (including after disconnecting the high-voltage on-board electrical system manually-) may only be carried out in a qualified specialist workshop.

Switching on the power supply or the vehicle

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

If you leave children unattended 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 by, for example:

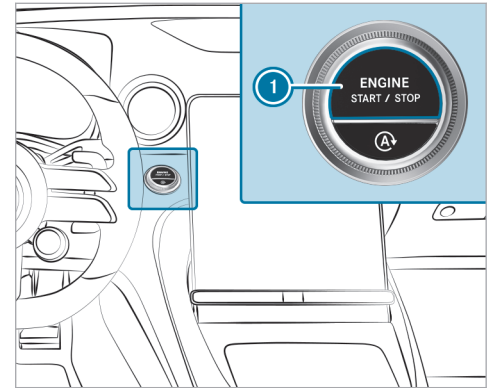
- releasing the parking brake.
- changing the gearbox position.
- starting the vehicle.

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

This also applies to the Digital Vehicle Key.

Requirements:

- The key is in the vehicle and is detected.
- **Vehicles with Digital Vehicle Key:** a Digital Vehicle Key with drive authorization is detected.
- The brake pedal is not depressed.



- ▶ **To switch on the power supply:** press button ① once. You can e.g. switch on the windshield wiper.

The power supply will be 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 vehicle:** press button ❶ twice. Indicator and warning lamps will light up on the driver display.

The vehicle will be 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 ❶ once.

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 materials in the engine compartment or on the exhaust system

Flammable materials may ignite.

- ▶ Therefore, regularly check that there are no flammable foreign materials in the engine compartment or on the exhaust system.

Requirements:

- The key is in the vehicle and is detected.
- **Vehicles with Digital Vehicle Key:** a Digital Vehicle Key with drive authorization is detected.

- ▶ Shift the transmission to position **P** or **N**.
- ▶ Depress the brake pedal and press button ❶ once.

- ▶ If the vehicle does not start: switch off non-essential electrical consumers and press button ❶ once.

- ▶ If the vehicle still does not start and the **Place the Key in the Marked Space See Operator's Manual** display message appears on the driver display: start the vehicle with the key in the marked space (emergency operation mode) (→ page 163).

- ❶ You can switch off the vehicle while driving. To do this, press and hold button ❶ for about three seconds or press button ❶ three times within three seconds. Be sure to observe the safety notes concerning this under "Driving tips" (→ page 166).

Observe any information regarding display messages that may be shown on the driver display.

Starting the vehicle with the Digital Vehicle Key in the storage compartment (emergency operation mode)

Requirements:

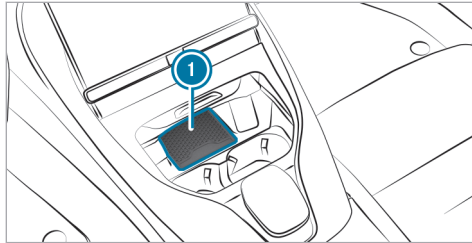
- The vehicle is equipped with the "Digital Vehicle Key" pre-installation.

- A Digital Vehicle Key with drive authorization is detected.

i Alternatively, you can use the vehicle key for emergency operation mode.

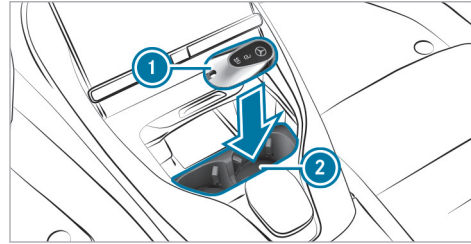
Mercedes-Benz recommends that you carry the vehicle key as a security measure in the event of functional restrictions.

If the vehicle does not start and the **Searching for Key in Stowage Tray or Digital Vehicle Key in Inductive Charging Bracket...** See Operator's Manual display message appears on the driver display, you can start the vehicle in emergency operation mode.



- ▶ Place the Digital Vehicle Key in the marked space **1**.

or

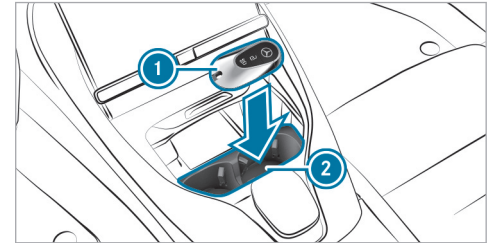


- ▶ Place vehicle the key **1** in the marked space **2**.
- ▶ Depress the brake pedal and start the vehicle using the start/stop button. It may take a few seconds until the engine starts.
- ▶ When the **Key Not Detected** display message appears on the driver display, press the start/stop button again.

Starting the vehicle with the key in the storage compartment (emergency operation mode)

If the vehicle does not start and the **Place the Key in the Marked Space** See Operator's Manual display message appears on the driver display, you can start the vehicle in emergency operation mode.

Vehicles with Digital Vehicle Key: If the vehicle does not start and the **Searching for Key in Stowage Tray or Digital Vehicle Key in Inductive Charging Bracket...** See Operator's Manual display message appears on the driver display, you can start the vehicle in emergency operation mode.



- ▶ Make sure that cup holder ② is empty.
 - ▶ Remove key ① from the key ring.
 - ▶ Place key ① in cup holder ②.
The vehicle will start after a short time.
- If you remove key ① from cup holder ②, the vehicle can be driven. For further vehicle starts, however, key ① must be located in cup holder ② during the entire journey.
- ▶ Have key ① checked at a qualified specialist workshop.

If the vehicle does not start:

- ▶ Leave key ① in cup holder ②.
 - ▶ Depress the brake pedal and start the vehicle using the start/stop button.
- ① You can switch on the power supply or the vehicle with the start/stop button (→ page 161).

Observe any information regarding display messages that may be shown on the driver display.

Starting the vehicle via Remote Online Services

■ Cooling or heating the vehicle interior before a drive

Ensure the following before starting the engine:

- The legal stipulations in the area where your vehicle is parked allow engine starting via smartphone.
- It is safe to start and run the engine where your vehicle is parked.
- The fuel tank is sufficiently full.
- The starter battery is sufficiently charged.

■ Charging the starter battery before a drive

You can receive a message on your smartphone when the state of charge of the starter battery is low. You can then start the vehicle with the smartphone to charge the battery. The vehicle will automatically be turned off after ten minutes.

Ensure the following before starting the engine:

- The legal stipulations in the area where your vehicle is parked allow engine starting via smartphone.

- It is safe to start and run the engine where your vehicle is parked.
- The fuel tank is sufficiently full.

■ Starting the vehicle (Remote Online)

⚠ WARNING Risk of crushing or entrapment due to unintentional starting of the engine

Limbs could be crushed or trapped if the engine is started unintentionally during service or maintenance work.

- ▶ Always secure the engine against unintentional starting before carrying out maintenance or repair work.



Requirements


- Park position **P** is selected.
- The anti-theft alarm system is not activated.
- The panic alarm is not activated.
- The hazard warning lights are off.
- The hood is closed.
- The doors are closed and locked.
- The windows and soft top are closed.

- ▶ Start the vehicle using the smartphone. After every vehicle start, the engine runs for ten minutes.

You can carry out a maximum of two consecutive starting attempts. You must start the vehicle once with the key before starting the vehicle again with the smartphone.

You can turn off the vehicle at any time as follows:

- via the Mercedes me App
- by pushing the button  or  on the key


 Further information can be found in the Mercedes me App.




Securing the engine against starting before carrying out maintenance or repair work:

- ▶ Turn on the hazard warning lights or unlock the doors.
- ▶ Open a side window or the soft top.

Notes on breaking-in

To preserve the engine during the first 1000 miles (1500 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 4500 rpm (4500 rpm) only briefly.
- Drive the vehicle in drive program .

Plug-in hybrid: use drive program ,  or .

- Shift to the next gear up no later than when the needle reaches the last third before the red area on the tachometer.
- Do not shift down manually to brake.
- Avoid overstraining the vehicle, e.g. by driving at full throttle.
- Do not depress the accelerator pedal past the point of resistance (kickdown).
- increase the engine speed only gradually and accelerate the vehicle to full speed after 1000 miles (1500 km).

This also applies when the engine or parts of the drivetrain have been replaced.

Please also observe the following breaking-in notes:


- After the vehicle has been delivered or after repairs, the sensor systems of some driving systems and driving safety systems will adjust themselves automatically after the vehicle has been driven a certain distance. Full system effectiveness will not be reached until the end of this teach-in process.
- New or replaced brake pads, brake disks and tires provide will provide optimal braking and grip only after several hundred kilometers. Until then, compensate for the reduced braking effect by pressing the brake pedal with greater force.

Engine output and engine torque


- i** 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).

Influencing variables include:

- Location above sea level
- Fuel quality
- Outside temperature
- Engine and gearbox operating temperature

Depending on the engine, the engine operating temperature warning lamp  will remain lit until the engine and the gearbox have reached their operating temperature. The temperature indicators on the driver display will also be blue.

Engine output and engine torque will be reduced. Factor this into your driving style.

When the  engine operating temperature warning lamp goes out and the temperature indi-

cators are white, full engine output and engine torque will be available.

- i** If the temperature indicators on the driver display are red, the temperatures are too high. Engine output and engine torque will be reduced again. Factor this into your driving style and observe the warning lamps and display messages that are shown on the driver display.

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 will jeopardize 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.
- ▶ Make sure that there is always sufficient clearance for the pedals.

- ▶ Always install the floor mats securely and as prescribed.
- ▶ 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

There is a risk of an accident.

- ▶ Always wear suitable footwear so that you can operate the pedals safely.

- ⚠ WARNING** Risk of accident if the vehicle is switched off while driving

If you switch off the vehicle while driving, safety functions are restricted or no longer available.

This may affect the power steering system and the brake force boosting, for example.

You will need to use considerably more force to steer and brake, for example.

- ▶ Do not switch off the vehicle 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, for example, if the vehicle gets stuck in the snow.

- ▶ Keep the tailpipe and the area around the vehicle free from snow when the engine or the stationary heater is 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 can 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.

A 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 excessive engine speed

You will damage the engine if you drive at excessive engine speeds.

- ▶ Do not drive at engine speeds in the red area of the tachometer, or shown in red in the driver display.

! **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.

! **NOTE** Reduced battery life due to frequent short-distance trips

The 12 V battery may not be sufficiently charged when the vehicle is used only for short-distance trips. This reduces the life of the battery.

- ▶ Drive longer distances regularly to charge the battery.

! **NOTE** Damage to the vehicle due to a failure to observe the maximum permissible headroom clearance

If the vehicle height exceeds the maximum permissible headroom clearance, the roof and other vehicle parts may be damaged.

- ▶ Observe the signposted headroom clearance.

- ▶ If the vehicle exceeds the permissible headroom clearance, do not approach.
- ▶ Bear in mind the change in vehicle height due to add-on roof equipment and other carrier systems.
- ▶ Bear in mind the change in vehicle height when opening or closing the soft top.

i Please bear in mind that all speed values stated in this Operator's Manual are approximate and are subject to a certain tolerance.

Observe the notes on driving with a roof load, trailer or fully laden vehicle.

Driving with a loaded roof luggage rack or trailer, or with the vehicle fully laden or occupied, changes the handling and steering characteristics of your vehicle.

Therefore please observe the following notes:

- Do not exceed the permissible roof load and trailer load. Also observe the information in the technical data in this respect.
- Distribute the roof load and vehicle load evenly, and place heavy objects at the bottom.

Also observe the notes on loading the vehicle (→ page 119).

- Drive carefully, avoiding abrupt starting, braking and steering as well as fast cornering.

Notes on driving on roads treated with de-icing salt

The braking effect is limited on road surfaces treated with de-icing salt.

Please therefore bear in mind the following notes:

- Due to salt build-up on the brake discs and brake linings, the braking distance can increase considerably or braking may be one-sided.
- Maintain a much greater safety distance to the vehicle traveling ahead.

Remove salt build-up as follows:

- Brake occasionally, 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 if a certain depth of water has built up 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 386).

Notes on driving through water on the road

Water ingress 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, should reach no higher than the lower edge of the vehicle body.

- Drive at a walking pace at most; water can otherwise enter the vehicle interior or engine compartment.
- Vehicles traveling ahead, or oncoming vehicles, can create waves which may exceed the maximum permissible depth of water.

The braking effect of the brakes is reduced after fording. Brake carefully, paying attention to the traffic conditions until braking power has been fully restored.

Function of rear axle steering

The rear axle steering is an electromechanical auxiliary steering on the rear axle which adjusts the steering of the rear wheels according to the position of the front wheels, depending on the speed. This results in greater maneuverability and improved driving stability for the vehicle.

Rear axle steering has the following characteristics:

- reduced steering effort and turning circle resulting in reduced parking effort

- more direct steering resulting in improved control of the vehicle
- improved cornering of the vehicle

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

ECO start/stop function

i Depending on the engine, the ECO start/stop function is not available in all drive programs. Observe the status display on the driver display concerning this.

i Plug-in hybrid: this function is not available.

The engine will be 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**.
- **Vehicles with a 48 V on-board electrical system:** you depress the brake pedal when traveling at a low speed.

If the system has detected one of the following situations, the engine will not stop:

- You stop at a stop sign and there is no vehicle in front of you.
- The vehicle that stopped in front of you pulls away again.

- You maneuver, turn the steering wheel sharply or engage reverse gear.

This prevents the engine from stopping briefly.






- i** If the system detects a stop inhibitor to prevent a short stop, e.g. a stop sign, the engine will not stop.
If you activate the HOLD function or engage park position **P**, the engine can be switched off in spite of such a stop inhibitor.

The engine will restart automatically in the following cases:

- You engage transmission position **D** or **R**.
- You step on the accelerator pedal.
- You open or close the soft top.
- The vehicle requires an automatic engine start.
- You release the brake pedal.
- Vehicles with a 48 V on-board electrical system:**
 - You release the brake pedal on a downhill gradient and the vehicle does not roll.

- The vehicle rolls on a downhill gradient and does not automatically enter glide mode at 15 mph (20 km/h).

ECO start/stop function symbols on the driver display:

- The  symbol (green) appears when the vehicle is at a standstill: the engine was switched off by the ECO start/stop function.
- The  symbol (yellow) appears when the vehicle is at a standstill: not all vehicle conditions for an engine stop have been met.
- Neither the  nor the  symbol appears when the vehicle is at a standstill: a stop inhibitor to prevent a short stop has been detected, e.g. a stop sign.
- The  symbol appears: the ECO start/stop function is deactivated or there is a malfunction.

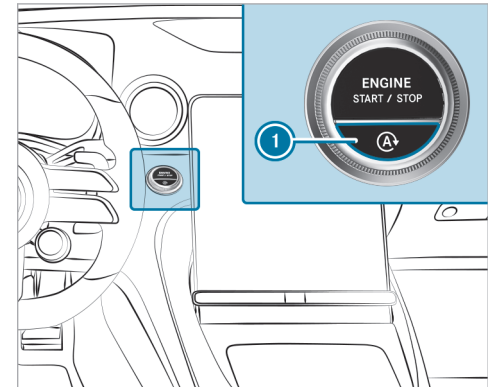
If the engine was switched off by the ECO start/stop function and you leave the vehicle, a warning tone will sound and the engine will not be restarted. In addition, the following display message will appear on the driver display:

Vehicle is Ready to Drive Switch Off Vehicle Before Exiting

If you do not switch off the vehicle, it will automatically be switched off after three minutes.


Switching the ECO start/stop function on/off

Deactivating or activating the function using the start/stop button

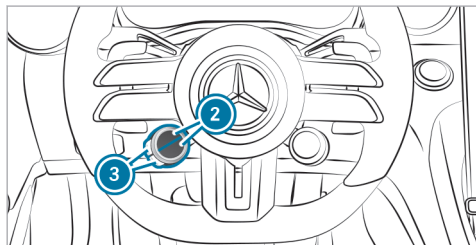



▶ Press button ①.

A display will appear on the driver's display when you switch the ECO start/stop function on/off.

①  will be continuously shown on the driver's display while the ECO start/stop function is deactivated.

Deactivating or activating the function via the steering-wheel button






▶ Press upper or lower display button ② repeatedly, until it displays the  symbol.


① If the display button does not show the symbol, then it is hidden. How functions are dis-

played and the order in which they are displayed can be set in the multimedia system (→ page 178).

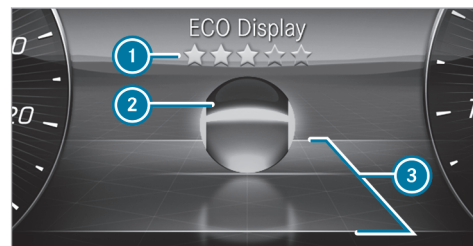
▶ Press corresponding button ③.

The symbol indicates the current status of the ECO start/stop function:

-  (red): deactivated
-  (green): activated
-  (yellow): inactive

①  will be continuously shown on the driver's display while the ECO start/stop function is deactivated.

ECO display function



The ECO display shows an evaluation of your driving style on the driver display depending on the situation. This enables you to check the efficiency of your driving style and adjust it if necessary. The **ECO Display** menu shows a ball ② that will roll forwards or backwards in the direction of travel on a stylized road according to the driving characteristics.

Above and below the road, lines mark the area for an efficient driving style ③. Ball ② will light up in green if it is rolling within these lines. Outside the lines, the ball will light up in orange.

The ECO display assesses the following criteria for an economical driving style:



- Coasting at the right times
- Consistent speed
- Moderate acceleration

The overall assessment of your driving style "from start" is indicated using stars ❶. It starts with five empty stars, which you can fill one after the other if you drive efficiently. When all five stars are filled, a glow will appear in the background.

❶ You can call up the **ECO Display** function via the **Classic** menu (→ page 289).

ECO Assist function (vehicles with 48 V on-board electrical system)

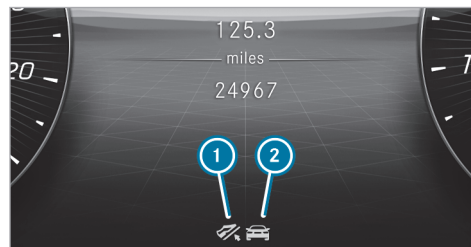
ECO Assist is available only for the Mercedes-AMG SL 43 model.

❶ ECO Assist is active only in drive programs  and .



ECO Assist analyzes data for the vehicle's expected route. This allows the system to optimally adjust the driving style for the route ahead, save


fuel and recuperate. If the system detects an event ahead and the vehicle nears the event, ECO Assist will calculate the optimum speed for maximum fuel economy and recuperative energy based on the distance, speed and downhill gradient.

If the deceleration provided by ECO Assist is not sufficient, you will also need to brake with the service brake. This will be the case particularly if, for example, you pull away again in slow-moving traffic and the distance to the vehicle in front is very short.





- ❶ "Foot off the accelerator" recommendation
- ❷ Route event ahead







If in drive program  a route event or vehicle that requires an adjustment of your driving style for more efficiency is detected ahead, corresponding symbol ❷ and the  symbol (gray) will be displayed.





If you release the accelerator pedal, the  symbol will turn green and recuperation in overrun mode will be initiated. If the deceleration is not sufficient, also apply the service brake. If ECO Assist intervenes for a route event ahead (not for a vehicle in front) and you then press the accelerator pedal again, you will end control by ECO Assist.

The ECO Assist display will be hidden again in the following cases:

- You do not react to the ECO Assist recommendation for a long time.
- You depress the accelerator pedal while ECO Assist is intervening for a route event ahead (not for a vehicle in front).
- ECO Assist cannot identify any further recommendations from the route ahead.

In addition to a vehicle in front , ECO Assist can detect the following route events  depending on the vehicle's equipment:

-  Traffic circle
-  Sharp bend
-  Intersection
-  T-intersection
-  Downhill gradient
-  Speed limit

 In drive program , ECO Assist will react only to the "vehicle in front" route event without displaying the  route event or  recommendation.

System limits

If the calculated route is adhered to when route guidance is active, ECO Assist will operate with greater accuracy. The basic function is also available when route guidance is not active. Not all information and traffic situations can be foreseen. The quality depends on the map data.

ECO Assist is only an aid. The driver is responsible for keeping a safe distance from the vehicle in

front, for vehicle speed and for braking in good time.

The system may be impaired or may not function in the following situations:



- if there is poor visibility, e.g. owing to insufficient road illumination, highly variable shadows, rain, snow, fog or heavy spray
- if there is glare, e.g. from oncoming traffic, direct sunlight or reflections
- if the windshield is dirty in the vicinity of the multifunction camera
- if the multifunction camera is fogged up, damaged or obscured
- if road signs are hard to detect, e.g. due to dirt, snow or insufficient lighting, or because they are obscured
- if the digital road map of the navigation system has incorrect or outdated information
- if signs are ambiguous, e.g. road signs in roadworks or in adjacent lanes
- if the radar sensors are dirty or obscured
- when you drive on roads with steep gradients

- if there are narrow vehicles in front, such as bicycles or motorcycles

Regenerative brake system (plug-in hybrid)

Function of the regenerative brake system

The regenerative brake system converts the vehicle's kinetic energy into electrical energy during overrun mode and braking.

Depending on the selected recuperation level, the electric motor is operated as an alternator when in overrun mode and during braking in order to charge the high-voltage battery while driving. As soon as you take your foot off the accelerator while driving in transmission position  or , recuperation starts in overrun mode.

The higher the recuperation, the more sharply the vehicle is braked when coasting and the more electrical energy is fed into the high-voltage battery.

The deceleration in overrun mode may not be sufficient depending on the driving situation. There is no deceleration to a standstill. Also brake with the service brake if necessary. Always adapt your

speed to the driving situation and keep sufficient distance.

- ❗ If you brake heavily, the mechanical brake is also used. This means that the maximum recuperation energy cannot be recovered. The more proactively you accelerate and brake, the more efficiently energy can be recuperated.

System limits

With recuperation in overrun mode, the braking effect of the electric motor is only reduced or non-existent in the following situations:

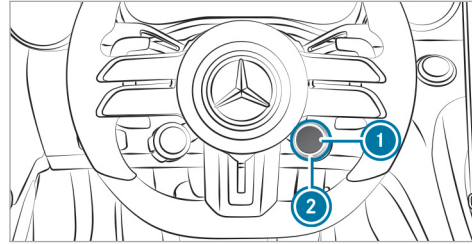
- when the high-voltage battery state of charge increases
- if the high-voltage battery is not yet at a normal operating temperature

Manually setting regenerative deceleration


Requirements:

- Drive program **EL**, **B**, **C**, **S** or **S*** is selected.
- ESP® is activated – ESP® ON.


- Active Distance Assist DISTRONIC is not activated.



The higher the recuperation, the more sharply the vehicle is braked when coasting and the more electrical energy is fed into the high-voltage battery.


- ❗ When the vehicle is started again or transmission position **D** is engaged again, standard recuperation is automatically set.
- ▶ Press display button ①. The display button shows the  symbol with a three-part segment display for setting the recuperation.







- ❗ If the display is grayed out, the requirements are not met and setting cannot be made. If the potential to charge the high-voltage battery is reduced, e.g. due to a high state of charge or because the high-voltage battery is not yet at operating temperature, it may not currently be possible to set a recuperation level. The **Desired Recuperation Level Currently Unavailable** message is then shown on the driver display.

When the  symbol is shown with a red ! on the display button, the regenerative brake system is malfunctioning. Observe the warning lamps and messages shown on the driver display.

- ▶ **To increase recuperation:** turn rotary switch ② clockwise in the **+** direction.
- ▶ **To decrease recuperation:** turn rotary switch ② counterclockwise in the **-** direction.

The following recuperation levels are available and are shown on display button ①:

-  and no segments light up: no recuperation, the vehicle coasts freely


-  and one segment lights up: standard recuperation
 -  and two segments light up: increased recuperation, strong deceleration in overrun mode, e.g. for driving downhill
 -  and three segments light up: maximum recuperation, maximum deceleration in overrun mode
- i** In drive programs ,  and , the intensity of the recuperation is adjusted as needed for downhill gradients: the steeper the incline, the higher the recuperation. Depending on the situation, it may nevertheless be necessary to additionally depress the brake pedal.


If the charge potential of the high-voltage battery has to be reduced due to an increasingly high state of charge, e.g. when driving downhill for a long time, the recuperation level is automatically reduced. The **Recuperative Deceleration Temporarily Reduced** message is then shown on the driver display.

Function of the haptic accelerator pedal (plug-in hybrid)

The haptic accelerator pedal has an additional point of resistance followed by increased pedal resistance to help you drive in all-electric mode.

Characteristics of the additional point of resistance:

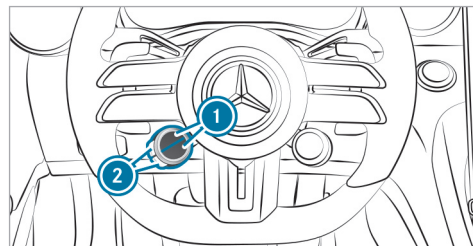
- Available only in drive program 
- Is used when the power availability display (POWER) of the electric drive system in the power meter is full
- Indicates the maximum available electric performance


The subsequent increased pedal resistance indicates the change to the  drive program and that the journey is being continued with the combustion engine.

AMG Real Performance Sound

Selecting a sound characteristic with the steering-wheel button

- i** You can select a comfortable (Balanced) or a sporty (Powerful) sound characteristic using the steering-wheel button or the multimedia system (→ page 183).



- ▶ Press the upper or lower **1** display button repeatedly, until it displays the  symbol.

i If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 178).

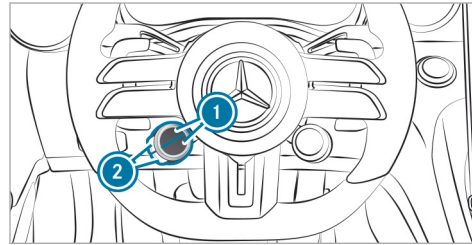
▶ Press the corresponding button **2**.

The color of the button symbol indicates the currently selected sound characteristic:

- **Blue:** Balanced – comfortable
- **Red:** Powerful – sporty

i **Plug-in hybrid:** In the sporty sound characteristic (Powerful), the vehicle produces speed-dependent driving noises up to approx. 62 mph (100 km/h).


Function of the AMG steering wheel buttons











The AMG steering wheel buttons are an additional control element with two buttons on the steering wheel.

You can assign two vehicle functions of your choice to the control element. You can change between the available functions for corresponding button **1** by pressing the upper or lower part of display buttons **2** repeatedly. Display buttons **1** will show each function selected.

The following functions will be available depending on the equipment:

 ESP® (→ page 215)

-  AMG RIDE CONTROL (→ page 256)
-  AMG ACTIVE RIDE CONTROL (→ page 257)
-  Manual gearshifting (→ page 187)
-  ECO start/stop function (→ page 171)
-  Rear fender (→ page 261)
-  Active aerodynamics profile (→ page 262)
-  AMG Real Performance Sound (→ page 176)
-  AMG DYNAMICS (→ page 179)

In addition, all the functions you have saved as favorites in the multimedia system will be available for selection. Information on favorites (→ page 307).

i Individual functions may be hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 178).

If you have assigned a specific function to one of display buttons **1**, you can operate this function with corresponding button **2**.

The assignment of display buttons ❶ will remain stored even after a vehicle restart. However, the operating status of the respective function will be reset to the default.

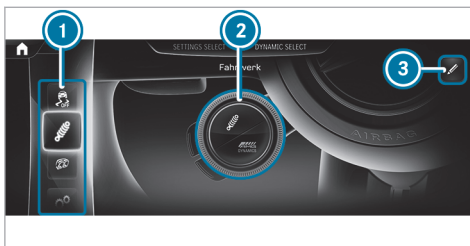
Setting the AMG steering wheel buttons

Multimedia system:

- ➔ ➔ Settings ➔ System
- ➔ Control Elements
- ➔ AMG Steer. Wheel Buttons

Overview of the AMG SETTINGS SELECT menu

The left display buttons on the steering wheel can be set in the **SETTINGS SELECT** menu.



(Example of representation) Representation and arrangement of content equipment-dependent.

- ❶ Selection area for the available functions
 - ❷ Adjustable steering wheel buttons
 - ❸ Calls up setting mode
- ▶ Select the appropriate steering wheel button.

Setting the steering wheel buttons

- ❶ The **SETTINGS SELECT** menu can also be called up using the AMG button in the center console or by pressing and holding the respective display button.

- ▶ Select the upper or lower display button in the central display.
- ▶ Press ❸ and select the desired function for assignment from ❶.

❶ The setting mode can also be called up by pressing and holding the current assignment in selection area ❶.

Adding new functions for selection

- ▶ Select the upper or lower display button in the central display.
- ▶ Press in selection area ❶ and select the desired function from the list. The selected function is assigned to selection area ❶ and can be selected from there for the steering wheel buttons.

Deleting button assignment

- ▶ Select the upper or lower display button in the central display.
- ▶ Press .
- ▶ Press for the respective function in selection area ❶ to delete the selected assignment of the display button.

DYNAMIC SELECT


Function of DYNAMIC SELECT


i Depending on the engine line-up and equipment, the vehicle will have different drive programs.



DYNAMIC SELECT allows a drive program to be selected quickly according to the current driving conditions or the desired vehicle characteristics.



You can select the following drive programs:


- **[S]** **Sport**
 - Recommended for all road conditions
 - The selection of the matching drive type by the hybrid system depends on the driving conditions and the distance (plug-in hybrid)
- **[S+]** **Sport+**
 - Sporty driving
 - Enables a sporty driver to adopt a more active driving style
 - Drive with the combustion engine and increased boost effect (plug-in hybrid)
 - Suitable only for good road conditions, a dry roadway and a clear stretch of road
- **[EL]** **Electric** (plug-in hybrid)
 - Electric mode: driving without the combustion engine is possible up to approximately 81 mph (130 km/h).
 - Limits the maximum set speed for cruise control or Active Distance Assist DISTRONIC to the maximum speed possible in electric mode
 - Activates the combustion engine and changes to the **[C]** drive program via the first pressure point of the haptic accelerator pedal
 - Recommended for all road conditions
- **[C]** **Comfort**
 - Comfortable and economical driving
 - Balance between traction and stability
- **[B]** **Battery Hold** (plug-in hybrid)
 - Prioritises maintaining the state of charge of the high-voltage battery, e.g. for subsequent journeys in inner cities/low-emission zones
- **[I+]** **Individual**
 - Custom settings for drive, AMG DYNAMICS, suspension and sound
- **[S]** **Slippery**
 - optimize pulling-away and driving characteristics in wintry and slippery road conditions
 - Drive with combustion engine only (plug-in hybrid)

-  **Race**
 - Maximum, racetrack-orientated sportiness
 - Driving characteristics suited for the racetrack with sustained boost effect (plug-in hybrid)
 - Charging the high-voltage battery for maximum boost effect (plug-in hybrid)
 - Particularly firm suspension tuning
 - Sporty sound from the exhaust system




i The  drive program is available only for the **Mercedes-AMG SL 63 4MATIC+** and **SL 63 S E PERFORMANCE** models or for vehicles with the **AMG DYNAMIC PLUS package**.

The  drive program offers driving characteristics suited to the racetrack and must not be used on normal roads. The  drive program may be activated and used only on dedicated race circuits, not on public roads.

Mercedes-AMG recommends selecting drive program  (plug-in hybrid) or  when in city traffic or stop-and-go traffic.

Plug-in hybrid: if the boost strategy is activated in the  drive program, the electric drive output will be metered in a way that is optimized for a racetrack. It will then be possible to use the maximum boost effect only deliberately via kickdown (→ page 260).

Depending on the drive program selected, the following vehicle characteristics will change:


- Drive
- AMG DYNAMICS
 - The four agility functions, Basic, Advanced, Pro and Master, will be selected automatically depending on the drive program.
 - The steering, shift timing point, all-wheel drive and stabilisation functions will be adapted to the selected drive program.
 - When ESP® is activated, the Pro agility function will be selected in drive program . The Master function will be selected automatically when ESP® is switched to SPORT  or is switched off .
- Sound of the vehicle
- Suspension

i You can call up vehicle characteristics via the DYNAMIC SELECT menu in the multimedia system (→ page 183).





i You can adjust the agility functions of AMG DYNAMICS using the AMG steering wheel buttons (→ page 177).

Notes on the roof load display

Certain drive programs and ESP® settings are unsuitable for transporting a roof load.

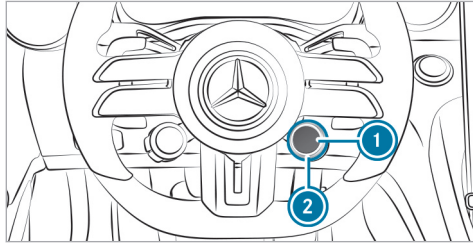
If one of these drive programs is set or selected, the  symbol is shown as a warning. When this symbol is shown, the selected drive program is not suitable for transporting a load on the roof.

The following drive programs are affected:


- Drive program  **Sport**
- Drive program  **Sport+**
- Drive program  **Individual** with the ESP® setting Sport or Sport+
- Drive program  **Race**

Selecting the drive program

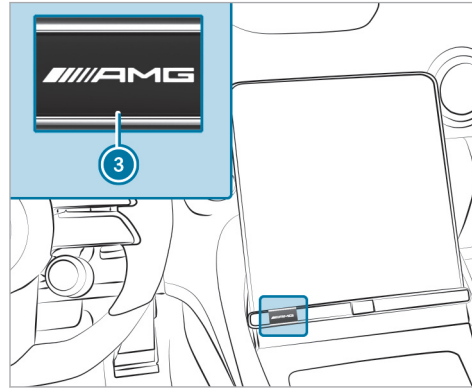
Selection with the right-hand steering-wheel button



- ▶ Turn rotary switch ②.
The selected drive program will appear on the display button ① and in the driver's display.
- ⓘ Individual drive programs can be hidden. How drive programs are displayed and the order in which they are shown can be set in the multimedia system (→ page 183).
- ⓘ **Plug-in hybrid:** If you press the display button ① in drive programs **EL**, **B**, **C**, **S** or **S+**, the display button will show

the  symbol and you can set the recuperation level (→ page 175).

Selection via the central display (multimedia system)




- ▶ Press the button ③ and select the drive program via the central display.

Configuring DYNAMIC SELECT in the multimedia system

Multimedia system:



- ▶  ▶ Settings ▶ Vehicle
- ▶ ▶ DYNAMIC SELECT

Setting the I drive program

- ▶ Select  Individual.
- ▶ Select and set a category.

Setting drive program C

- ▶ Select **Comfort**.
- ▶ Select **Route Based** or **Standard**.
If route guidance is active and the **Route Based** option has been activated, the electrical energy is distributed intelligently over the entire route. In built-up areas, electric mode is preferred, while on the freeway the combustion engine is used.

With the **Standard** option, the vehicle drives in its standard drive program ( **Electric** or  **Comfort**). There is no distribution of electrical energy over the entire route. The

high-voltage battery is exhausted and the vehicle is then driven by the combustion engine.

Switching the reset display on/off

▶ Activate or deactivate [Request at Start](#).

- ⓘ This function must be activated for each user profile separately. The drive program for the respective user profile of the last driver is only stored if this function is activated.

Function on: the next time the vehicle is started a prompt appears asking whether the last active drive program should be restored.

- ⓘ The prompt appears only if the previously active settings deviate from the standard settings.

Function off: if the **[EL]** drive program was the last one active, and all requirements for the drive program are fulfilled, this will be automatically selected the next time the vehicle is started. If another drive program was active, then the **[C]** drive program is set automatically.

Displaying vehicle data

Multimedia system:

→ **[Home]** ▶▶ [Performance](#)

- ▶ Select [Vehicle](#).
The vehicle data is displayed.

Displaying engine data

Multimedia system:

→ **[Home]** ▶▶ [Performance](#)

- ▶ Select [Engine](#).
The engine data is displayed.
- ⓘ 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).

Influencing variables include:

- Sea level
- Fuel quality
- Outside temperature

- Operating temperature of the engine

Adjust your driving style accordingly.

The **[Warning Lamp]** warning lamp in the driver display is on until the engine has reached operating temperature.

- ⓘ The values displayed serve only as guidance. The values for engine output and engine torque shown on the central display may deviate from the actual values.
- ⓘ The **[Warning Lamp]** warning lamp to show the power output limitation after starting the vehicle is not available in all vehicle models.

Calling up the fuel consumption indicator

Multimedia system:

→ **[Home]** ▶▶ [Info](#)

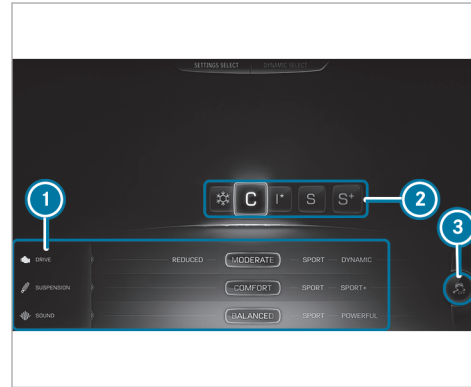
- ▶ Select [Consumption](#).
The current and average fuel consumption will be displayed.

Setting AMG DYNAMIC SELECT in the MBUX multimedia system

Multimedia system:

↳ [Home] ▶ Settings ▶ Vehicle
▶▶ DYNAMIC SELECT

Overview of the AMG DYNAMIC SELECT menu



(Example of representation) Representation and arrangement of content equipment-dependent.

- ① AMG drive program settings
- ② Drive programs
- ③ ESP® (→ page 215)

- ① Depending on the equipment, the AMG **DYNAMIC SELECT** menu can also be called up using the AMG button in the center console.

▶ Select the appropriate drive program.

The settings of the drive programs can be adjusted individually. The setting mode for the drive programs can also be called up by pressing and holding the current configuration in selection area


- ② .
- ▶ Select the desired tab on the left and make the relevant setting.

Setting options for the drive programs (equipment-dependent):

- AMG DYNAMICS:
Basic/Advanced/Pro/Master
- Sound:
Balanced/Sport/Powerful
- Drive (can only be set in the [I*] drive program):
Reduced/Moderate/Sport/Dynamic

- Suspension:
Comfort/Sport/Sport+

Setting the I drive program

- ▶ Select  **Individual**.
- ▶ Select and set a category.
- ① A sporty ESP mode can be set in conjunction with a sporty suspension mode.

Automatic transmission

DIRECT SELECT lever

Function of the DIRECT SELECT 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 you leave children unattended 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 by, for example:

- releasing the parking brake.
- changing the gearbox position.
- starting the vehicle.
- ▶ Never leave children unattended in the vehicle.

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

⚠ WARNING Risk of accident- and injury when the transmission position is not engaged

The current transmission position will be highlighted on the driver display.

If the selected transmission position is not highlighted, the vehicle may pull away in the wrong direction or roll away.

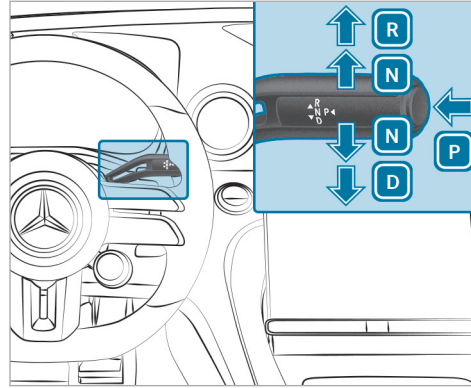
- ▶ After changing the transmission position, always check the transmission position indicator on the driver display.

If the transmission position is not highlighted on the driver display even after a short time:

- ▶ Pay attention to the display messages.
- ▶ Pull away carefully and check the engaged transmission position.

- ▶ When parking, engage the parking brake and secure the vehicle against rolling away.
- ▶ Have the transmission checked immediately at a qualified specialist workshop.

Use the DIRECT SELECT lever to switch the transmission position. The current transmission position will be highlighted on the driver display.



- P** Park position
- R** Reverse gear
- N** Neutral
- D** Drive position

Engaging reverse gear R

- ▶ Depress the brake pedal and push the DIRECT SELECT lever upwards past the first point of resistance.

Engaging neutral N

- ▶ Depress the brake pedal and push the DIRECT SELECT lever up or down to the first point of resistance.
- ⓘ To shift into neutral **N** with the vehicle switched on, push the selector lever up or down for several seconds 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.

Proceed as follows if you want the automatic transmission to remain in neutral **N**, even if the vehicle is switched off or the driver's door is opened:

- ▶ Depress the brake pedal and engage neutral **N** when the vehicle is at a standstill.
- ▶ Release the brake pedal.
- ▶ Switch off the vehicle.

The **Risk of Vehicle Rolling Away N Activated Manually No Automatic Change to P** message appears on the driver display.

- ❗ If you then exit the vehicle leaving the key in the vehicle, the automatic transmission will remain in neutral **[N]**.

Vehicles with Digital Vehicle Key: Make sure that a vehicle key or Digital Vehicle Key is in the vehicle and that the automatic transmission remains in neutral **[N]**.

If the automatic transmission does not stay in neutral **[N]**:

- Restart the vehicle and repeat the procedure.

Park position **[P]** will automatically be re-engaged as soon as one of the following conditions is met:

- You switch to transmission position **[D]** or **[R]**.
- You press the button **[P]**.

■ Engaging park position P

I NOTE Damage due to engaging park position **[P]** while the vehicle is rolling

If you shift the transmission into park position **[P]** while the vehicle is rolling, the transmission may be damaged.

- ▶ If the vehicle is rolling, do not open a door.
- ▶ Only engage park position **[P]** when the vehicle is stationary.

- ▶ Observe the notes on parking the vehicle (→ page 203).
- ▶ Depress the brake pedal until the vehicle comes to a standstill.
- ▶ When the vehicle is stationary, press button **[P]**.
When the **[P]** transmission position display is shown, park position is engaged. If the **[P]** transmission position display is not shown, apply the parking brake and secure the vehicle to prevent it from rolling away.

- ❗ Depending on the situation, it may take a short time until **[P]** is engaged. Therefore, always pay attention to the transmission position display.

Park position **[P]** will be engaged automatically if one of the following conditions is met:

- You switch the stationary vehicle off in transmission position **[D]** or **[R]**.
 - You open the driver's door when the vehicle is stationary in transmission position **[D]** or **[R]**.
 - When the vehicle is rolling, you switch it off in transmission position **[D]** or **[R]** and bring it to a standstill.
 - When the vehicle is rolling, you shift to transmission position **[N]**, bring the vehicle to a standstill and open the driver's door when the vehicle is stationary.
 - Engaging park position **[P]** automatically is required by the vehicle.
- ❗ To maneuver with the driver's door open, open the driver's door while the vehicle is stationary and engage transmission position **[D]** or **[R]** again.

Engaging drive position D

- ▶ Depress the brake pedal and push the DIRECT SELECT lever down past the first point of resistance.

When the automatic transmission is in transmission position **D**, it will shift gears automatically. This depends, among other things, on the following factors:

- The selected drive program
- The position of the accelerator pedal
- The vehicle 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 (Mercedes-AMG vehicles)

Rocking the vehicle free may help to free the vehicle if it has become stuck in slush or snow.

To rock the vehicle free, move the DIRECT SELECT lever upwards and downwards past the point of resistance to switch between transmission positions **D** and **R**.

- ⓘ The maximum speed for rocking the vehicle free is approximately 6 mph (9 km/h).

Manual gearshifting

When the automatic transmission is shifted to position **D**, you can manually shift it with the steering wheel paddle shifter. If permitted, the automatic transmission will shift to a higher or lower gear depending on which steering wheel paddle shifter is pulled.

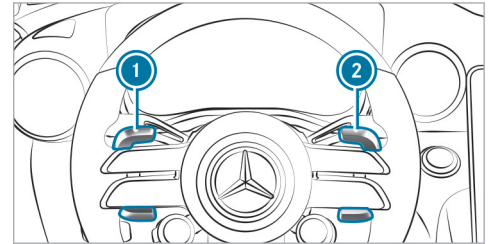
You have two options for manually shifting the automatic transmission:

- Temporary setting
- Permanent setting

The gears will shift automatically when manual shifting is deactivated.

Plug-in hybrid: automatic transmission must be selected for electric mode. If you select manual mode in drive program **EL**, the drive program will change to **C** and the combustion engine will start. If you are driving in electric mode in drive program **B** or **C** and select manual mode, the combustion engine will start.

Temporary setting



▶ **To activate:** pull steering wheel paddle shifter ① or ②.

Manual shifting will be activated for a short time. The transmission position display will show the current gear.

① How long manual shifting stays activated depends on various factors.

Manual shifting can be deactivated automatically in the following cases:

- When the drive program is changed
- When the vehicle is restarted
- When transmission position **D** is engaged again
- Driving style

▶ **To deactivate:** pull and hold steering wheel paddle shifter ②.

The transmission position display will show **D**.

Shifting up and down

❗ **NOTE** Damage to the engine due to shifting up too late

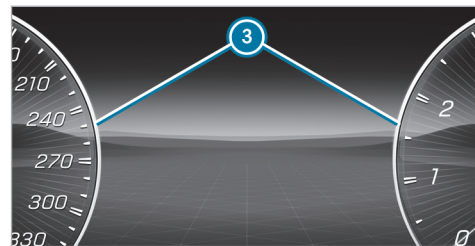
The automatic transmission does not shift up in manual mode even when the engine's limiting speed is reached.

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 paddle shifter ②.

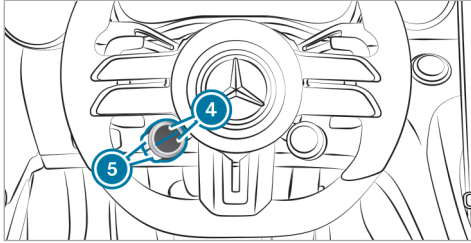
▶ **To shift down:** pull steering wheel paddle shifter ①.




If the engine speed is too high or too low, you will not be able to change gear using the steering wheel paddle shifters. In this case, segments ③ will light up red in the driver's display.

Permanent setting

① You can also permanently activate and deactivate manual gearshifting via the multimedia system (→ page 189).





▶ Press upper or lower display button ④ repeatedly, until it displays the  symbol.

① If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 178).

▶ **To activate/deactivate:** press the corresponding button ⑤.

The symbol indicates the currently selected transmission position:

-  **M** (red): manual gearshifting
-  **D** (blue): automatic transmission

Permanently activate/deactivate manual gearshifting

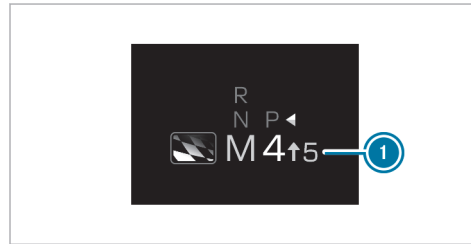
Multimedia system:

→  ▶ Settings ▶ Vehicle ▶ Driving

▶ Permanently activate or deactivate the function.

Gearshift recommendation

The gearshift recommendation assists you in adopting an economical driving style.



▶ When gearshift recommendation ① appears on the driver's display, shift to the recommended gear.

① The gearshift recommendation is active only if you have enabled manual gearshifting (→ page 187).

Using kickdown

▶ **Maximum acceleration:** depress the accelerator pedal beyond the point of resistance.


The automatic transmission will shift up to the next gear when the maximum engine speed is reached to protect the engine from overrevving.

Glide mode function


① Glide mode is only available for the **Mercedes-AMG SL 43** model.

With an anticipatory driving style, Glide mode helps you to reduce fuel consumption.

Glide mode is characterised by the following:

- The  symbol appears on the driver's display.
- The combustion engine is switched off depending on the driving situation. All of the vehicle functions remain active.

Glide mode will be 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 gradients or tight bends.
- The state of charge of the battery is sufficient.
- You are no longer depressing the accelerator or brake pedal.


Glide mode will be deactivated again if one of the conditions is no longer met.

When Active Distance Assist DISTRONIC is active, Glide mode is restricted.

Function of 4MATIC


4MATIC ensures that all four wheels are driven. Together with ESP® and 4ETS, 4MATIC improves the traction of your vehicle whenever a driven wheel spins due to insufficient traction.

If you fail to adapt your driving style, 4MATIC can neither reduce the risk of an accident nor override the laws of physics. 4MATIC cannot take account of road, weather and traffic conditions. 4MATIC is only an aid. You are responsible in particular for maintaining a safe distance from the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

 In wintry road conditions, the maximum effect of 4MATIC can be achieved only if you use winter tires (M+S tires), with snow chains if necessary.


Refueling

Refueling the vehicle

 **WARNING** Risk of fire or explosion from fuel

Fuels are highly flammable.

- ▶ Fire, open flames, smoking and creating sparks must be avoided.
- ▶ Before refueling, switch off the vehicle and, if installed, the stationary heater, and leave them switched off during refueling.

 **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.

- ▶ Refuel only with low-sulfur spark-ignition engine fuel.

This fuel may contain up to 10% ethanol. Your vehicle is suitable for use with E10 fuel.

Never 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 metallic additives

If you have accidentally refueled with the wrong fuel:

- ▶ Do not switch on the vehicle.
- ▶ 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 on the vehicle. 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 due to overfilling the fuel tank

- ▶ Only fill the fuel tank until the pump nozzle switches off.

If too much fuel has been added due, for example, to a faulty filling pump:

- ▶ Do not switch on the vehicle.
- ▶ Consult a qualified specialist workshop.

! **NOTE** Fuel may spray out when you remove the fuel pump nozzle

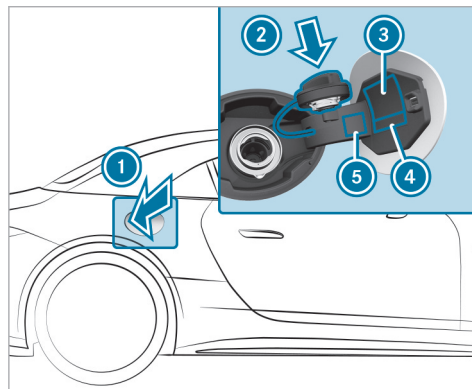
- ▶ Only fill the fuel tank until the pump nozzle switches off.

Requirements:

- The vehicle is unlocked.
- **Plug-in hybrid with gasoline engine:** the fuel tank was vented before refueling (→ page 193).

Observe the notes on operating fluids and fuel.

Refuel only using fuel that has at least the octane number specified in the information label on the inside of the fuel filler flap. Otherwise, engine output may be reduced and fuel consumption increased.

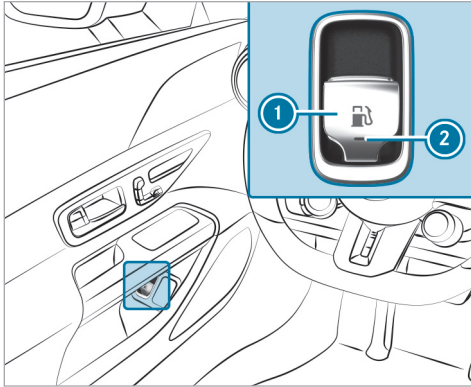


- ① Fuel filler flap
- ② Bracket for the fuel filler cap
- ③ Tire pressure table

- ④ Fuel type
- ⑤ QR code for rescue card

- ▶ Press on the rear area of fuel filler flap ①.
- ▶ Turn the fuel filler cap counter-clockwise and remove it.
- ▶ Insert fuel filler cap from above into bracket ②.
- ▶ Completely insert the pump nozzle into the tank filler neck, hook in place and refuel.
- ▶ Fill the fuel tank only until the pump nozzle switches off.
- ▶ Replace the fuel filler cap on the tank filler neck and turn clockwise until it engages audibly.
- ▶ Close fuel filler flap ①.

Depressurizing the fuel tank (plug-in hybrid with gasoline engine)




- ▶ Pull switch ① once briefly. Indicator lamp ② will flash and the **Please Wait Depressurizing Fuel Tank** message will appear on the driver display.

When the fuel tank is depressurized, indicator lamp ② will light up continuously.

The **Fuel Tank Is Depressurized Ready for Refueling** message will appear on the driver display and the fuel filler flap will open automatically.

- ① Depressurizing the fuel tank may take several minutes.

The fuel tank can be depressurized only if the conditions described above are fulfilled. Otherwise, drive the vehicle at least 1 /3 mile (0.5 km) and repeat the process.

- ① In the following situations, there is a malfunction:
 - Indicator lamp ② flashes initially and then goes out.
 - The yellow  engine diagnostics warning lamp lights up.

- ! **NOTE** Damage to the fuel filler flap when opening it

If an attempt is made to open a fuel filler flap that is not unlocked, the fuel filler flap or the opening mechanism may be damaged.

- ▶ Only refuel when the fuel filler flap has opened automatically.

Charging the high-voltage battery (plug-in hybrid)

Notes on charging the high-voltage battery

- ! **NOTE** High-voltage battery damage due to leaving the vehicle idle for lengthy periods of time

Lithium-ion batteries experience a natural self-discharge.

Exhaustive discharging can therefore occur if the vehicle is idle for several months. This can damage the high-voltage battery.

- ▶ To avoid damage, please observe the following recommendations when handling the high-voltage battery.

! **NOTE** Accelerated aging of the high-voltage battery due to not observing the following recommendations

As a result of its basic characteristics, the storage capacity of and the amount of energy available from the high-voltage battery decreases over the course of its life. Due to this, both the maximum electrical range that can be achieved by the vehicle and its maximum electrical output can be impaired.

The following factors could accelerate the aging of the high-voltage battery:

- A high condition of charge, especially if the vehicle is idle for a lengthy period of time
- Leaving the vehicle idle for lengthy periods at high ambient temperatures

► To avoid accelerated aging, please observe the following recommendations when handling the high-voltage battery.

! **NOTE** Damage to the drive system when the high-voltage battery is charged at extreme altitudes

The drive system may be damaged if you charge the high-voltage battery at extreme altitudes more than 13123.36 ft (4000 m) above sea level.

Continuing the journey may then no longer be possible.

► Avoid charging processes at extreme altitudes.

Recommendations when handling the high-voltage battery:

- In case of longer idle times, switch off the vehicle with a state of charge of the high-voltage battery between 25 % and 30 %. Do not permanently connect the high-voltage battery to a power supply.
- If leaving the vehicle idle for lengthy periods of time avoid high ambient temperatures, if possible.

- Check the high-voltage battery's state of charge every six weeks (→ page 203).
- Make sure to charge the high-voltage battery if the state of charge is below 15 %.
- When using the high-voltage battery only with low states of charge, fully charge the high-voltage battery twice a year.
- Do not disconnect the 12 V battery even if the vehicle is left idle for a long period. Otherwise the condition of the vehicle's high-voltage battery cannot be monitored.

Charging options for the high-voltage battery (mode 2 and 3)

The high-voltage battery is charged by recuperation while you are driving. The electric motor serves as a generator in overrun mode and during braking.

You have the following options to charge while stationary:

- on a power outlet (mode 2)
- at a wallbox or charging station (mode 3)

Observe the different power grid requirements of your current location when charging. Only use charging cables which conform to the power grid requirements. Consult a qualified electrician or your local power grid operator if you have any questions.

It is recommended that you charge the high-voltage battery at a wallbox or charging station due to the higher charging capacity and better charging efficiency offered.

System limits

The performance of the high-voltage battery may be impaired by the following:

- high or low outside temperatures
- electrical auxiliary consumers in the vehicle being switched on, e.g. operating the air conditioning system
- extended idle periods without charging

The charging time or the charging capacity of the high-voltage battery may be increased by the following:

- high or low outside temperatures

- a low or high state of charge of the high-voltage battery
- the maximum available charging current of the charging device

Stowing the charging cable

Always stow the vehicle's charging cable in the charging cable bag provided in the trunk.

- ▶ Place the charging cable bag on the trunk floor. Otherwise, the charging cable bag with the charging cable will not be sufficiently secured.

Notes on charging the high-voltage battery at a mains socket (Mode 2)

⚠ DANGER Risk of fatal injury from incorrectly installed component parts

Connecting the charging cable to a mains socket using incorrectly installed component parts could cause a fire or an electric shock, for example.

- ▶ Only connect the charging cable to a mains socket that:
 - has been properly installed and
 - has been inspected by a qualified electrician
- ▶ For safety reasons, only use the charging cable supplied with the vehicle or an original Mercedes-Benz charging cable.
- ▶ Purchase these parts at an authorized Mercedes-Benz Center and obtain advice there.

Mercedes-Benz thoroughly tests these original charging cables for their suitability for high-voltage charging of your vehicle.

- ▶ Never use a damaged charging cable.
- ▶ Do not use:
 - extension cables
 - extension reels
 - multiple sockets
- ▶ Never use socket adapters to connect the charging cable to the mains socket.

The only exception being if the adapter has been tested and approved by the manufacturer for charging the high-voltage battery of an electric vehicle.

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

Only the following charging cables may be used:

- The charging cable supplied with the vehicle.
- A charging cable that has been approved for the vehicle.

The charging process can vary depending on the power supply equipment. The charging times when charging the high-voltage battery at the mains socket are considerably longer than when charging at a wallbox or charging station.

When doing so, always observe the local information.

Do not leave the charging cable controls hanging loose from a mains socket.

Do not lift the controls by the following component parts:

- the charging cable connector
- the mains plug

When charging, protect the charging cable control element from excessive heat such as direct sunlight. Otherwise the charging process may be aborted.

Notes on charging the high-voltage battery at a wallbox or charging station (mode 3)

⚠ DANGER Risk of fatal injury from incorrectly installed component parts

Connecting the charging cable to the vehicle using incorrectly installed components could cause a fire or an electric shock, for example.

- ▶ Only connect the charging cable to a wallbox if:
 - The wallbox has been properly installed

- The wallbox has been inspected by a qualified electrician
- The charging cable is not damaged
- ▶ Do not extend the charging cable.
- ▶ Do not use adapters.
- ▶ Observe the safety notes in the operating instructions for the wallbox.

⚠ DANGER Risk of fatal injury if damaged component parts are used

If you use a damaged component part to connect the vehicle to a charging station, this may lead to e.g. a fire or electrocution.

- ▶ Visually inspect the charging station for obvious signs of damage, e.g. serious damage to the housing or charging cable connection.
- ▶ Never use damaged charging cables.
- ▶ Do not extend the charging cable.
- ▶ Do not use adapters. The only exception is if the adapter has been tested and

approved for your vehicle by Mercedes-Benz.

- ▶ Be sure to observe the safety instructions on the charging station.

Most charging stations must be activated before the charging process, e.g. using an RFID card or via Plug-and-Charge. Observe the operator's on-site instructions for the charging station and the notes on Mercedes me Charge (see the vehicle's Digital Operator's Manual).

The amount of energy dispensed for the charging process, shown by the charging station, may be higher than the amount of energy actually absorbed by the high-voltage battery. This is the result of different levels of charging losses and is described as recharge efficiency. Charging losses occur, e.g. owing to heat build-up when the vehicle is charging or from auxiliary consumers that are switched on. Further information on recharge efficiency can be obtained at a qualified specialist workshop.

Maximum permissible charging current for charging at a mains socket

! **NOTE** Overloading the mains socket due to excessive charging current

If the charging current is too high, the fuse could be tripped or the external mains supply could overheat.

- ▶ Ensure that the external mains supply has been designed to handle the charging current provided.
- ▶ For safety reasons, only use the charging cable supplied with the vehicle or an original Mercedes-Benz charging cable. Mercedes-Benz thoroughly tests these original charging cables for their suitability for high-voltage charging of your vehicle.
- ▶ Purchase these parts at a Mercedes-Benz service center and obtain advice there.

- ▶ Check the maximum charging current using the charging capacity shown on the driver's display.

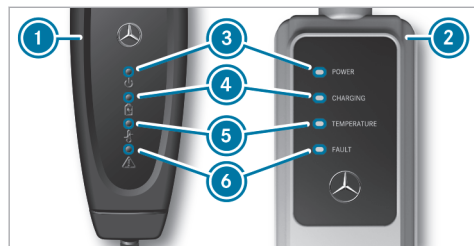
The charging cable supplied is set to a country-specific maximum charging current value. When charging abroad, the maximum value may exceed the permitted value for that country.

- ▶ Before charging at a mains socket, have the maximum permissible charging current for the relevant mains socket or the building checked by a qualified electrician.
- ▶ When abroad, observe the country-specific laws when charging.

If you have questions concerning the charging current or if there is a malfunction, please contact a qualified specialist workshop.

Overview of the charging cable control panel

Your vehicle may be equipped with one of the following two mode 2 charging cables. The control panel of the respective mode 2 charging cable shows the current status of the charging process.



- ① Gen5 charging cable
- ② Gen4 charging cable
- ③ Supply voltage indicator
- ④ Charging process display
- ⑤ Temperature monitor display
- ⑥ Safety system display

Mains current display ③ POWER

Display	Meaning
Lights up white	Supply voltage is present.

Charging process display ④ CHARGING

Display	Meaning
Flashes green	The high-voltage battery is charging.

Temperature monitor display ⑤ TEMPERATURE

Display	Meaning
Lights up red	The green LED flashes simultaneously: over-temperature – the charging power is reduced. The green LED does not flash: over-temperature – the charging process has finished.
Flashes red	Overtemperature at the mains plug – the charging process is stopped.

Safety system display ⑥ malfunction

Display	Meaning
Flashes red	Charging cable or internal malfunction – Charging not possible Reset charging cable control panel (Gen5 charging cable ①)
Lights up red (Gen5 charging cable ①)	White LED is off: power supply malfunction – charging process not possible, use a different mains socket. White LED is on: vehicle malfunction – charging process not possible, reset the charging cable control panel.

Display	Meaning
Lights up red (Gen4 charging cable ②)	Infrastructure malfunction – Charging process not possible, use a different mains socket

If the temperature monitor ⑤ indicates a malfunction, it may help to protect the charging cable from direct sunlight.

Gen4 charging cable ②

If the charging cable control panel detects residual current or a malfunction, the charging process is interrupted. The charging process is resumed automatically when the malfunction has been rectified.

Gen5 charging cable ①

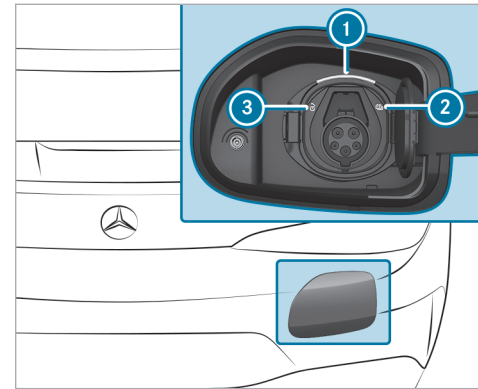
If all four displays light up, the charging cable control panel is performing a self-test.

Reset the Gen5 charging cable control panel: if the safety system ⑥ indicates a charging cable malfunction or a vehicle malfunction, first reset the charging cable control panel. To do this, dis-

connect the charging cable from the vehicle and from the mains socket and wait for approximately five seconds. If the malfunction persists after the charging cable is reconnected, charging at the mains socket is not possible. The charging cable must be replaced or the vehicle plug must be checked at a qualified specialist workshop, depending on the readout.

Functions of the indicator lamps on the vehicle socket

The socket flap is centrally locked and unlocked together with the vehicle.



- ① Socket lamp
- ② Charging process indicator lamp
- ③ Locking status indicator lamp

The upper curve of the socket lamp ① is used for the lighting and flashes or lights up as with indicator lamp ③. The lower curve is used for the status display and flashes or lights up as with indicator lamp ②.

The color and behavior of the indicator lamps ② and ③ have the following meaning.

Locking status  ③

- Lights up white: vehicle socket unlocked; insert or remove charging cable
- Flashes white: malfunction during locking or unlocking

Status of the charging process  ②

- Lights up green (for approx. 60 s): charging process completed
- Flashes green: charging; active energy flow
- Lights up orange (for approx. 60 s): charging break
- Flashes orange: connection is being established
- Flashes red (for approx. 90 s): malfunction in vehicle; charging not possible

Starting the charging process

⚠ DANGER Risk of death when charging at a damaged socket

The charging process uses high voltage.

If the charging cable, the vehicle socket or the mains socket are damaged, you could receive an electric shock.

- ▶ Only use an undamaged charging cable.
- ▶ Avoid mechanical damage such as crushing, abrading or driving over the cable.
- ▶ Have a damaged vehicle socket replaced at a qualified specialist workshop as soon as possible.
- ▶ Never connect the charging cable to a damaged vehicle socket.

! **NOTE** Damage due to overheating of charging cable and charge port

Charging cable and charge port may generate heat within the permissible limiting values during the charging process.

The heat generated by the charging cable and charge port is influenced by the following factors:

- The power supply of the mains and the charging cable are intact.
 - The notes on handling the charging cable and operating unit on the charging cable were observed.
- ▶ If the charging cable or the charge port generate too much heat, have the power supply of the mains supply checked.

! **NOTE** Damaged or dirty vehicle socket when the socket flap is open

- ▶ Always keep the socket cover and the socket flap closed when there is no charging cable connected. This protects the vehicle socket from dirt and damage.
- ▶ Make sure that the socket cover is closed properly before closing the socket flap. This can otherwise result in damage

which may prevent the socket flap from being opened again.

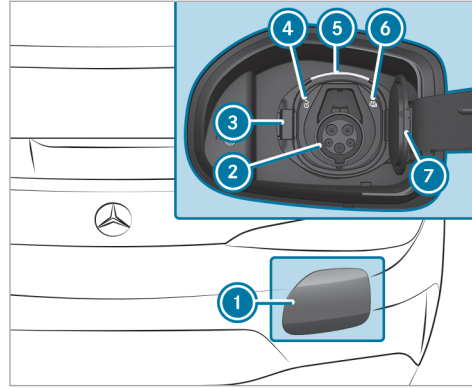
! **NOTE** Damage to the vehicle socket or the charging cable connector due to incorrect handling


Do not use excessive force (maximum 67.4 lbf (300 N)) to fully insert the charging cable connector into the vehicle socket. You may otherwise damage the vehicle socket, the charging cable connector or their contacts.

▶ If you feel there is increased resistance, pull the charging cable connector out of the socket and reinsert it.

Requirements:

- The transmission is in position **P**.
- The vehicle is unlocked.
- The charging cable is not under tension.




- ▶ Press the bottom left section of socket flap **1** and flip the socket flap outwards. The indicator lamp **4**  and socket lamp **5** light up white.
- ▶ Press catch **3** to the left and open the socket cover **7**.
- ▶ To charge at a mains socket, insert the mains plug into the mains socket of the external power source to the stop and observe the

maximum permissible charging current (→ page 197).

▶ Fully insert the charging cable plug into vehicle socket **2**. If the wallbox/charging station is not equipped with a charging cable, insert the plug of the vehicle's charging cable into the wallbox/charging station socket right to the stop.

Make sure that the inserted charging cable is not under tension.

If the charging station is enabled, the indicator lamp **6**  and the socket lamp **5** flash in orange, and in green as soon as the high-voltage battery is being charged.

When the charging cable is connected to the vehicle, the vehicle cannot be started or moved.

At the start of the charging process, the charging page is shown on the driver display with a charging prediction. The charging prediction is the point in time at which the high-voltage battery will be fully charged.

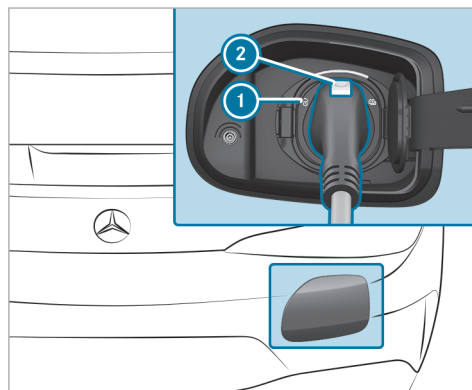
i Depending on the temperature, the fan and battery cooling system may audibly switch on during the charging process.


i If the vehicle is idle for long periods and connected to the mains supply, the high-voltage battery will be recharged automatically as needed or when electrical consumers are activated (e.g. pre-entry climate control).

i The vehicle is equipped with an electric fuse that protects against overvoltages in the mains supply. This electric fuse can be triggered e.g. in severe storms and result in tripping the fuse in the building and in an interruption of charging. These functions protect the vehicle.

After the building's circuit breaker is reset, the charging process resumes automatically. Following an interruption in the power supply without the building's circuit breaker being tripped, it may take up to ten minutes for charging to resume automatically.


Ending the charging process



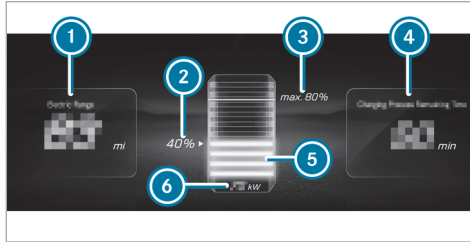
- ▶ Unlock the vehicle. The charging process is then ended. The  indicator lamp **1** lights up white. The vehicle socket is unlocked.
- ▶ Press and hold button **2** on the charging cable plug and remove the charging cable plug from the vehicle socket.

i If you cannot remove the charging cable plug, repeat the unlocking procedure. If the charging cable plug is still locked, contact a qualified specialist workshop.

▶ Close the socket cover and the socket flap.

i The left indicator lamp  **1** on the vehicle socket remains lit for some time after the charging cable plug has been disconnected and then goes out.

Function of the state of charge indicator on the driver display



- ① Remaining range at current state of charge
 - ② Current state of charge of the high-voltage battery
 - ③ Maximum state of charge (as per the setting)
 - ④ Remaining time until fully charged (up to the selected maximum state of charge)
 - ⑤ Dynamic state of charge indicator
 - ⑥ Current charging power
- ⓘ The indicated remaining range ① may vary due to various factors, e.g. driving style or topography.

When the vehicle is switched off and connected to the power grid, the driver display shows the state of charge indicator for approximately two minutes.

- ⓘ The value of current charging power ⑥ can differ from the display on the charging station.

Mercedes-AMG vehicles: The remaining range forecast ① and the maximum state of charge ③ are not displayed.

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 grassland or harvested grain fields.

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

If you leave children unattended 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 by, for example:

- releasing the parking brake.
 - changing the gearbox position.
 - starting the vehicle.
- ▶ Never leave children unattended in the vehicle.
 - ▶ When leaving the vehicle, always take the key with you and lock the vehicle.
 - ▶ Keep the key out of reach of children.

This also applies to the Digital Vehicle Key.

! **NOTE** Damage to the vehicle due to it rolling away

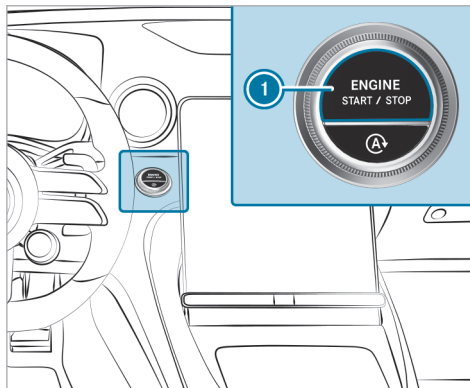
- ▶ Always secure the vehicle against rolling away.

! **NOTE** Damage due to the vehicle lowering

Vehicles with the AMG adaptive sport suspension system or AMG active adaptive sport sus-

pension system: the vehicle can lower because of temperature differences or longer non-operational times. This can cause damage to parts of the body.

- ▶ When stopping the vehicle and when driving off, make sure that there are no obstacles such as curbs under or in the immediate vicinity of the body.



- ▶ Bring the vehicle to a standstill by depressing the brake pedal.
- ▶ On inclines, 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** while the vehicle is stationary and the brake pedal is depressed (→ page 186).
- ▶ Switch off the vehicle by pressing button **1**.
- ▶ Release the service brake slowly.
- ▶ Get out of the vehicle and lock it.

i When you park the vehicle, you can still operate the side windows and the soft top for approximately four minutes when the driver's door is closed.

Automatic vehicle shutoff upon locking

Your vehicle is equipped with automatic engine shutoff.

When you leave the vehicle ready to drive, the vehicle will be turned off when locked under the following conditions:

- The ignition is switched on or the engine is running.
 - Transmission position **P** is engaged.
 - The driver's door is closed.
 - **In addition, one of the following conditions must be fulfilled:**
 - The vehicle is locked using the vehicle key.
 - **Vehicles with KEYLESS-GO:** the vehicle is locked via KEYLESS-GO on the door handle of a closed door.
 - **Vehicles with KEYLESS-GO:** the vehicle is locked via the locking button on the trunk lid.
- i** The engine will continue to run if the vehicle is not locked as described after you have left it. In this case, switch off the vehicle manually.

Automatic vehicle shutoff after a period of time (equipment-dependent)

When the engine is running, the following display message will appear on the driver display when you get out of the vehicle or after a certain hold time in transmission position **P**: **Vehicle Ready to Drive Shutdown Occurs When Locked or Automatically in XX Mins**

- i** To avoid automatic shutoff after a period of time, acknowledge the corresponding message on the central display of the multimedia system.

The engine will continue to run in the following cases:

- If the vehicle is not locked as described after you have gotten out
- If automatic shutoff is not indicated by the display message
- If automatic shutoff after a period of time has been deactivated via the corresponding message on the central display

In this case, switch off the vehicle manually.

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 by becoming trapped when opening and closing a garage door

When you operate or program a garage door with an integrated garage door opener, persons can become trapped or struck by the garage door if they stand within its range of movement.

▶ Always make sure that nobody is within the range of the garage door's movement.

Operate only the following doors using the garage door opener:

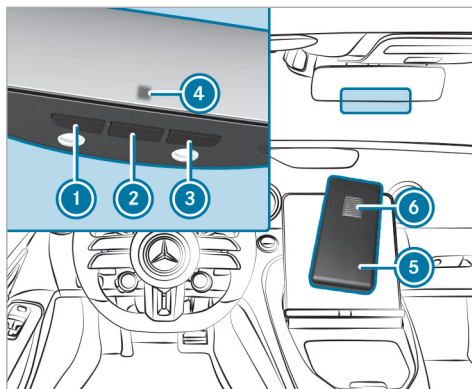
- Doors with a safety stop and reversing function
- Doors that conform to the current US safety standards

Before programming the garage door opener, park the vehicle outside the garage. Make sure that the vehicle is switched on but not started.

Requirements

- The vehicle has been parked outside the garage or outside the range of movement of the door.
- The vehicle is switched on.
- The vehicle has not been started.

i The garage door opener function will always be available when the vehicle is switched on.



▶ Check whether 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 **1**, **2** or **3** that you wish to program. Indicator lamp **4** will flash yellow.

i It may take up to 20 seconds before the indicator lamp flashes yellow.

▶ Release the previously pressed button. Indicator lamp **4** will continue to flash yellow.

▶ Point the remote control **5** from a distance of between 0.4 in (1 cm) and 3 in (8 cm) towards button **1**, **2** or **3**.

▶ Press and hold button **6** of remote control **5** until one of the following signals appears:

- Indicator lamp **4** lights up green continuously. Programming is complete.

- Indicator lamp **4** flashes green. Programming was successful. Additionally, the rolling code must be synchronized with the door system.

▶ If indicator lamp **4** does not light up or flash green: repeat the process.

▶ Release all the buttons.

- i** The remote control for the door drive is not included in the scope of delivery for 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 the previously programmed button **1**, **2** or **3** repeatedly until the door closes. When the door closes, programming is completed.

- i** Please also read the operating instructions for the door drive.

■ Troubleshooting during programming of the remote control

- ▶ Check whether the transmitter frequency of the remote control **5** is supported.
 - ▶ Replace the batteries in the remote control **5**.
 - ▶ Hold the remote control **5** at various angles in front of the inside mirror from a distance of between 0.4 in (1 cm) and 3 in (8 cm). 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 mirror. You should test every position for at least 25 seconds before trying another position.
 - ▶ Press the button **6** on the remote control **5** again before transmission ends on remote controls that transmit only for a limited period.
 - ▶ Angle the antenna line of the garage door opener unit towards the remote control.
- i** It is possible that older garage doors cannot be operated using the remote control in the inside mirror, even after you have successfully

performed the measures described above. In this case, contact the HomeLink® Hotline.

- i** Support and additional programming information:
- from the toll-free HomeLink® Hotline on 1-800-355-3515
 - online 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 **1**, **2** or **3** until the door opens or closes.
 - ▶ If the indicator lamp **4** flashes yellow after approx. 20 seconds: Press the previously pressed button again and hold pressed until the door opens or closes.

■ Clearing the garage door opener memory

- ▶ Press and hold buttons **1** and **3**. Indicator lamp **4** lights up yellow.

- ▶ If indicator lamp  flashes green: release buttons  and . 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 you leave children unattended 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 by, for example:

- releasing the parking brake.


- changing the gearbox position.
- starting the vehicle.

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

This also applies to the Digital Vehicle Key.

The electric parking brake is applied if the transmission is in position  and one of the following conditions is fulfilled:



- The vehicle is switched off.
- The driver's seat belt is not fastened and the driver's door is opened.

 To prevent application: pull the handle of the electric parking brake (→ page 209).

In the following situations, the electric parking brake is also applied:

- The HOLD function is keeping the vehicle stationary.

- Active Distance Assist DISTRONIC is bringing the vehicle to a standstill.
- Active Parking Assist is keeping the vehicle stationary.
- **In addition, one of the following conditions must be fulfilled:**
 - The vehicle is switched off.
 - The driver's seat belt is not fastened.
 - There is a system malfunction.
 - The power supply is insufficient.
 - The vehicle is stationary for a lengthy period.
- **Vehicles with Active Parking Assist:** In the following situations, the electric parking brake is also engaged:
 - Following completion of a parking procedure.
 - If an error occurs during a parking procedure.

When the electric parking brake is applied, the red indicator lamp lights up in the driver display  (USA) or  (Canada).

- ❗ The electric parking brake is not automatically applied if the vehicle is switched off by the ECO start/stop function.

Function of the electric parking brake (automatic release)

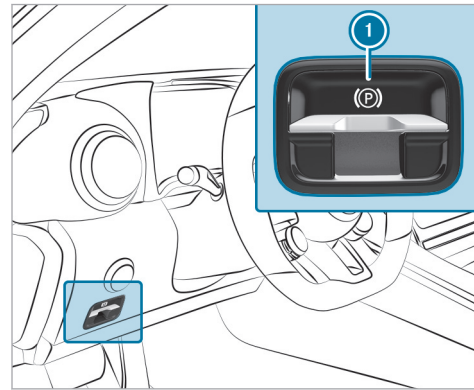
The electric parking brake is released when the following conditions are fulfilled:

- The driver's door is closed.
- The vehicle has been started.
- The transmission is in position **D** or **R** and you step on the accelerator pedal, or you shift from transmission position **P** to **D** or **R** on level ground.
- If the transmission is in position **R**, the trunk lid must be closed.
- The driver's seat belt is not properly fastened. If the driver's seat belt is not fastened, the following condition must be met:
 - You shift from transmission position **P**.

When the electric parking brake is released, the red **PARK** (USA) or **(P)** (Canada) indicator lamp in the driver display goes out.

Applying/releasing the electric parking brake manually

Apply



- ▶ Push handle **1**.
The red indicator lamp lights up on the driver display **PARK** (USA) or **(P)** (Canada).

- ❗ The electric parking brake is only securely applied if the red **PARK** (USA) or **(P)** (Canada) indicator lamp is lit continuously.

Release

- ▶ Switch on the vehicle.
- ▶ Pull handle **1**.
The red indicator lamp on the driver display goes out **PARK** (USA) or **(P)** (Canada).

Emergency braking

- ▶ Press and hold handle **1**.
As long as the vehicle is in motion, the **Release Parking Brake** message is displayed and the red indicator lamp **PARK** (USA) or **(P)** (Canada) flashes.
When the vehicle has been braked to a standstill, the electric parking brake is applied. The red indicator lamp **PARK** (USA) or **(P)** (Canada) lights up on the driver display.

Information on collision detection for a parked vehicle

Suppose a collision is detected on the locked vehicle when the tow-away alarm is switched on, and collision detection is switched on. In that case, when the vehicle is switched on, you will receive a message in the multimedia system.

You will receive information about the following points:

- The area of the vehicle that may have been damaged.
- The force of the impact.

The following situation can lead to inadvertent activation:

- For example, the parked vehicle is moved to a two-story garage.

i Deactivate the tow-away alarm to prevent inadvertent activation. If you deactivate the tow-away alarm, collision detection will also be deactivated.

You can permanently deactivate collision detection via the multimedia system (→ page 210).

i If the battery is heavily discharged, the function for detecting a collision on a parked vehicle is automatically deactivated to facilitate the next engine start.

System limits

Detection may be restricted in the following situations:

- the vehicle is damaged without impact, for example, if an outside mirror is torn off or the paint is damaged by a key
 - an impact occurs at low speed
 - the electric parking brake is not applied
- i** You are responsible for your vehicle. Convince yourself that your vehicle is free of damage and roadworthy.

Setting collision detection for a parked vehicle

Multimedia system:

→  **» Settings** **» Vehicle**
» Open/Close **» Vehicle Protection**

▶ Activate or deactivate the function via **Collision Notification**.

i A maximum of three incidents can be registered. Up to 15 photos are taken for every incident. In the event of another incident, the photos of the first incident will be overwritten if they have not been deleted already.

Activating or deactivating the collision photos function

Please note that legal restrictions regarding automatic recording of the vehicle surroundings may be in place in certain countries.

▶ Activate or deactivate **Collision Photos**.

Transferring the collision photos with the Mercedes me app

▶ Select **Upload Collision Photos**.

or

- ▶ Select **Upload Automatically**.
- ▶ Scan the generated QR code on the central display with the Mercedes me app. The encrypted collision photos will then be uploaded to Mercedes me.
- ⓘ Any device that can scan QR codes can be used to view the collision photos in the Mercedes me app.

Copying the collision photos to a USB flash drive

- ▶ Connect a USB flash drive.
- ▶ Select **Manage Collision Photos**.
- ▶ Select **Copy (USB)**.
All collision photos are copied to the USB flash drive.
- ⓘ Only use FAT32 or exFAT formatted USB storage devices to ensure secure operation.

Deleting collision photos

- ▶ Select **Manage Collision Photos**.
- ▶ Select **Delete**.
All collision photos are deleted.

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.

- ⓘ Further information can be obtained at a qualified specialist workshop.

Standby mode (extension of the starter battery's period out of use)

■ Standby mode function

- ⓘ This function is not available for all models.
- If standby mode is activated, energy loss will be minimized during extended periods of non-operation.

Standby mode is characterized by the following:

- The starter battery is preserved.
- The maximum non-operational time appears in the driver's display.

- The connection to online services is interrupted.

If the following conditions are fulfilled, standby mode can be activated or deactivated using the multimedia system:

- The vehicle is switched on.
- The vehicle has not been started.

Exceeding the vehicle's displayed non-operational time may cause inconvenience; i.e. it cannot be guaranteed that the starter battery will reliably start the vehicle.

Charge the starter battery in the following situations:

- The vehicle's non-operational time has to be extended.
- The starter battery charge level is insufficient for standby mode.
- ⓘ Standby mode is automatically deactivated when the vehicle is switched on.

Activating/deactivating standby mode (parking up the vehicle)

Requirements

- The vehicle is switched on.
- The vehicle has not been started.

Multimedia system:

→  ► Settings ► Vehicle

► Other Functions

► Activate or deactivate **Standby Mode**.

Driving and driving safety systems

Driving systems and your responsibility

Your vehicle is equipped with driving systems that assist you in driving, parking and maneuvering the vehicle. The driving systems are only aids. They are not a substitute for you paying attention to your 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.

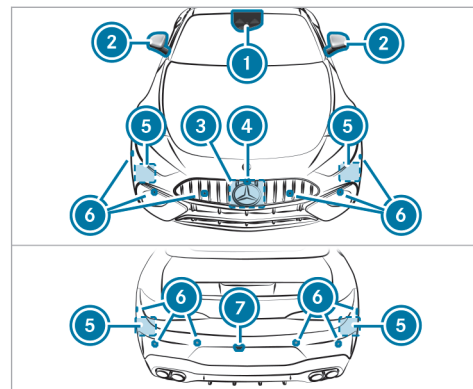
Pay attention to the traffic conditions at all times and intervene when necessary. Be aware of the limitations regarding the safe use of these systems.

Driving systems can neither reduce the risk of an 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.

- ① Some driving systems can regulate or limit the speed to a previously set value. Draw attention to the stored speed when changing drivers.

Information on vehicle sensors and cameras

Some driving and driving safety systems use cameras as well as radar or ultrasonic sensors to monitor the area in front of, behind or next to the vehicle.



- ① Multifunction camera
- ② Cameras in the exterior mirrors
- ③ Front radar
- ④ Front camera
- ⑤ Corner radars
- ⑥ Ultrasonic sensors
- ⑦ Rear-view camera

▲ WARNING Risk of accident due to restricted detection performance of vehicle sensors and cameras

If the area around vehicle sensors or cameras is covered, damaged or dirty, certain driving and safety systems cannot function correctly. There is a risk of an accident.

- ▶ Keep the area around vehicle sensors or cameras clear of any obstructions and clean.
- ▶ Have damage to the bumper, radiator grille or stone chipping in the area of the front and rear windows repaired at a qualified specialist workshop.

Particularly, keep the areas around the sensors and cameras free of dirt, ice or slush (→ page 359). The sensors and cameras must not be covered and the detection ranges around them must be kept free. Do not attach additional license plate brackets, advertisements, stickers, car foils or rock chip protection films in the detection range of the sensors and cameras. Make sure

there are no overhanging loads protruding into the detection range.

If there is damage to a bumper or the radiator shell, or after an impact, have the function of the sensors checked at a qualified specialist workshop. Have damage or stone chipping in the area of the cameras on the front and rear windows repaired at a qualified specialist workshop.

- ① The rear-view camera can extend and retract automatically for the purpose of calibration, even though there is no camera image on the display.

Overview of driving systems and driving safety systems

- ABS (→ page 214)
- BAS (→ page 214)
- ESP® (→ page 215)
- ESP® Crosswind Assist (→ page 217)
- EBD (→ page 218)
- STEER CONTROL steering assistance system (→ page 218)

- HOLD function (→ page 219)
- Hill Start Assist (→ page 220)
- ATTENTION ASSIST (→ page 220)
- Cruise control (→ page 222)
- Traffic Sign Assist (→ page 245)
- AMG RIDE CONTROL (→ page 256)
- AMG ACTIVE RIDE CONTROL (→ page 257)
- RACE START (→ page 259)

Driving Assistance Package

- ① The availability of some functions or partial functions of the Driving Assistance Package depends on the equipment or country. The functions of your Driving Assistance Package may differ from the functions listed here. The functions Active Blind Spot Assist, Active Brake Assist, Active Lane Keeping Assist and Active Emergency Stop Assist are, with restricted functions, also available without Driving Assistance Package.
- Active Distance Assist DISTRONIC (→ page 224)
- Active Speed Limit Assist (→ page 228)

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- Route-based speed adaptation (→ page 229)
- Active Brake Assist (→ page 240)
- Active Steering Assist (→ page 231)
- Active Emergency Stop Assist (→ page 234)
- Active Lane Change Assist (→ page 235)
- Active Stop-and-Go Assist (→ page 231)
- Blind Spot Assist and Active Blind Spot Assist with exit warning (→ page 249)
- Active Lane Keeping Assist (→ page 253)

Parking Package

- ① The availability of individual functions depends on country and equipment.
- Rear-view camera (→ page 263)
- 360° camera (→ page 265)
- Parking Assist PARKTRONIC (→ page 270)
- Active Parking Assist (→ page 274)
- Memory Parking Assist (→ page 282)


Function of ABS

The Anti-lock Brake System (ABS) regulates the brake pressure in critical driving situations:

- During braking, for instance, at maximum full-stop braking or if there is 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.

System limits

- ABS is active from speeds of approx. 3 mph (5 km/h).
- ABS may be impaired or may not function if a malfunction has occurred and the yellow  ABS warning lamp lights up continuously after the vehicle is started.

Function of BAS

⚠ WARNING Risk of an accident caused by a malfunction in BAS (Brake Assist System)

If BAS is malfunctioning, the braking distance in an emergency braking situation is increased.

▶ Depress the brake pedal with full force in emergency braking situations. ABS prevents the wheels from locking.

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.

ESP® (Electronic Stability Program)

Function of ESP®

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 wet or slippery roads.
- When braking.
- When there is a strong crosswind and the vehicle's speed is between approximately 47 mph (75 km/h) and 125 mph (200 km/h).

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.
- The drive system output is adapted according to the situation.

ESP® is activated every time the vehicle is started, regardless of whether ESP® SPORT or ESP® OFF was selected before the vehicle was switched off.

When the  warning lamp flashes, one or more wheels have reached their grip limit:



- Adapt your 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 necessary when pulling away.

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 selected, the  and  warning lamps light up continuously.

Select ESP® SPORT when the vehicle's own oversteer and understeer characteristics are desired, e.g. on cordoned-off 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  warning lamp will flash. 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 driven wheels can spin. Depending on the engine, the power of the drive system is limited only slightly according to the situation. 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.
- Crosswind Assist is no longer active.

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.

Deactivating ESP® has the following effects:

- Driving stability will no longer be improved.
- The driven wheels could spin.
- ETS/4ETS traction control is still active.
- Crosswind Assist is no longer 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 The spinning of 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  warning lamp lights up continuously, ESP® is not available due to a malfunction.

Observe the display messages and warning and indicator lamps that are shown.

- Indicator and warning lamps (→ page 502)
- Display messages (→ page 431)

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 driven wheels are braked individually if they spin.
- More drive torque is transferred to the wheel or wheels with traction.


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 operates at vehicle speeds between approximately 50 mph (80 km/h) and 125 mph (200 km/h) when you are driving straight ahead or cornering slightly.
- The system stabilizes the vehicle by applying the brakes to specific wheels on one side.

Setting ESP® in the multimedia system

- ▶ Press the **AMG** button in the upper control panel .
The **ESP®** menu will open.
- ▶ Press  to activate the function.
The road on the button symbol will light up blue.
- ▶ Press  again to switch between the **On** and **Sport** settings.
The road on the button symbol will light up yellow.

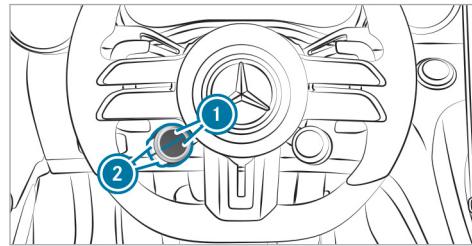
- ▶ Press and hold  in the **Sport** program to deactivate ESP®.
The road on the button symbol will light up red.


If the ESP® OFF  warning lamp lights up continuously in the instrument cluster, ESP® is in **Sport** program or is deactivated.

Observe any information on warning lamps and display messages that may be shown in the instrument cluster.


Adjusting ESP® with the steering wheel button




- ① You can also adjust ESP® via the multimedia system (→ page 218).



- ▶ **To adjust ESP®:** press upper or lower display button ① repeatedly, until it displays the  symbol.

- ① If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 178).

The color of the road on the  button symbol indicates the current setting:


-  (blue): ESP® ON
-  (yellow): ESP® SPORT
-  (red): ESP® OFF

- ▶ **To set ESP® SPORT:** briefly press button ② when ESP® is activated.
The road on the  button symbol will light up yellow.
The  and  warning lamps will appear on the driver display.

▶ **To deactivate ESP®:** set ESP® SPORT then press and hold button . The road on the  button symbol will light up red. The  and  warning lamps will appear on the driver display.

❗ If you switch off  ESP® in the  drive program, AMG Dynamics will automatically switch to the **Master** level.

▶ **To activate® ESP:** briefly press button  when ESP® SPORT is selected or ESP® is deactivated. The road on the  button symbol will light up blue. The  and  or  warning lamps will 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 that are shown on the driver display.



Adjusting ESP® in the multimedia system (Mercedes-AMG vehicles)





Multimedia system:

➔  ➔ **Settings** ➔ **Vehicle**
 ➔ **DYNAMIC SELECT**

❗ Depending on the equipment, the AMG **DYNAMIC SELECT** menu can also be accessed via the AMG button in the center console.

ESP is always activate when the engine is started. The road in the  button symbol lights up blue.

▶ **To engage ESP® SPORT:** when ESP® is activated, briefly press  to change to the **Sport** program. The road in the  button symbol lights up yellow.

▶ **Switch off ESP®:** engage the ESP® SPORT program and press and hold  to switch off ESP®. The road in the  button symbol lights up red. The  and  warning lamps appear on the driver display.

▶ **Switch on ESP®:** in ESP® SPORT or when ESP® is switched off, briefly press . The road in the  button symbol lights up blue. The  and  or  warning lamps go out.

❗ You can also set ESP® via the steering-wheel buttons (→ page 217).

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.

Function of STEER CONTROL

STEER CONTROL assists you by transmitting a noticeable steering force to the steering wheel in the direction required for vehicle stabilization.

Mercedes-AMG vehicles: If you brake and both right wheels or both left wheels are on a wet or slippery road surface, you will receive a steering recommendation. There will be no steering recommendation if the vehicle is skidding.

System limits

STEER CONTROL may be impaired or may not function in the following situations:

- ESP® is deactivated.
- ESP® is malfunctioning.
- The steering is malfunctioning.

If ESP® is malfunctioning, you will be assisted further by the power steering.

HOLD function

HOLD function

The HOLD function holds the vehicle at a standstill without requiring you to depress the brake pedal, e.g. while you are 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 intended only to provide assistance during driving and is not a sufficient means of safeguarding the vehicle against rolling away when stationary.

- The gradient 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 driver is correctly belted.
- The vehicle has been started or has been automatically switched off by the ECO start/stop function.
- The electric parking brake has been released.
- The transmission position **D**, **R** or **N** is engaged.

Activating the HOLD function

- ▶ Depress the brake pedal, and after a short time quickly depress further until the **HOLD** display appears on the driver display.
- ▶ Release the brake pedal.

Deactivating the HOLD function

- ▶ Depress the accelerator pedal to start off.
- or

▶ Depress the brake pedal until **HOLD** disappears from the driver display.

The HOLD function is also deactivated in the following situations:

- The parking position **P** is engaged.
- The vehicle is secured with the electric parking brake.

In the following situations, the vehicle is held by the parking position **P** and/or electric parking brake:

- The seat belt is unfastened and the driver's door is opened.
- The vehicle is switched off.
- There is a system malfunction.
- The power supply is insufficient.

▶ Immediately depress the brake pedal firmly. The HOLD function is deactivated.

▶ Additionally secure the vehicle against rolling away.

Function of Hill Start Assist

▲ 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.

Hill Start Assist holds the vehicle for a short time when you pull away uphill under the following conditions:

- The transmission position **D** or **R** for starting off uphill is selected.
- The electric parking brake has been released.

This gives you enough time to move your foot from the brake pedal to the accelerator pedal and depress it without the vehicle rolling away immediately.

ATTENTION ASSIST

Function of ATTENTION ASSIST

ATTENTION ASSIST assists you on long, monotonous journeys, e.g. on freeways and highways. If signs of fatigue or increasing lapses in concentration on the part of the driver are detected, the system will suggest taking a break.

ATTENTION ASSIST serves solely as an aid. It cannot always promptly detect fatigue or lapses in concentration. The system is not a substitute for a well-rested and attentive driver. On long journeys, take regular, timely breaks to allow for adequate recovery.

You can choose between two settings:

- **Standard:** normal system sensitivity.
- **Sensitive:** higher system sensitivity. The driver will be warned earlier and the attention level detected by the system will be adapted accordingly.

If fatigue or increasing inattention is detected, the driver display will show the following warning: **ATTENTION ASSIST: Take a Break!** You can acknowledge the message and take a break if

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.



The following information will be shown on the driver display:

- journey time since the last break.
- the attention level determined by ATTENTION ASSIST

The more segments ① of the circle displayed, the higher the detected attention level. Fewer segments ① will be displayed in the circle as the attention level decreases.


If ATTENTION ASSIST is unable to calculate the attention level and therefore cannot issue a warning, a message reading **System Suspended** will appear.

If the driver display shows a warning, the MBUX multimedia system will offer to search for a rest area. You can select a rest area and start navigation to this rest area.

When you restart the vehicle, ATTENTION ASSIST will automatically be switched on. The last selected sensitivity level will remain stored.

System limits

ATTENTION ASSIST will be active in the 37 mph (60 km/h) to 124 mph (200 km/h) speed range.

If the system is unavailable due to a malfunction, the  ATTENTION ASSIST warning lamp will light up continuously on the driver display.

Functionality of ATTENTION ASSIST will be restricted, and warnings may be delayed or not issued at all in the following situations in particular:

- 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 Active Steering Assist function of Active Distance Assist DISTRONIC is active
- If the clock is set to the incorrect time.
- If you change lanes and vary your speed frequently in active driving situations.
- If ESP[®] is not available

Refer also to the information regarding display messages that can be shown on the driver display.

The ATTENTION ASSIST drowsiness or alertness assessment will be reset and restarted when you continue your journey in the following situations:

- If you switch off the vehicle.
- If you unfasten your seat belt and open the driver's door (e.g. to change drivers or take a break).


Setting ATTENTION ASSIST

Multimedia system:

- 


 Settings ▶ Assistance
 ▶ Assistance ▶ ATTENTION ASSIST

Setting the sensitivity

- ▶ Select  next to ATTENTION ASSIST.
- ▶ Select **Standard** or **Sensitive**.

Speed control cruise control

Function of cruise control

Cruise control regulates the speed to the value selected by the driver.



For example, the stored speed will not be deleted if you accelerate to overtake. If you remove your foot from the accelerator pedal after overtaking, cruise control will resume speed regulation back to the stored speed.


You can set any speed above 15 mph (20 km/h) up to the maximum design speed.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).

Mercedes-AMG vehicles: cruise control is available up to a maximum speed of 155 mph (250 km/h).

Indicators on the driver display

-  **Gray:** cruise control is selected but not yet active or temporarily in passive mode.
-  **Green:** cruise control is active.

A stored speed will appear below the  display and be indicated on the speedometer.

System limits

Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed will be resumed when the gradient levels out.

On long and steep downhill gradients, you must shift down to a lower gear in good time. This is particularly important when you are driving a loaded vehicle. By doing so, you will make use of the engine's braking effect. This will take some of the

strain off the brake system and prevent the brakes from overheating and wearing too quickly.

Do not use cruise control in the following situations:

- in traffic situations that require frequent changes of speed, e.g. in heavy traffic, on winding roads
- on slippery roads. Accelerating may cause the drive wheels to lose traction and the vehicle could then skid.
- when visibility is poor

Operating cruise control

⚠ WARNING Risk of accident due to stored speed

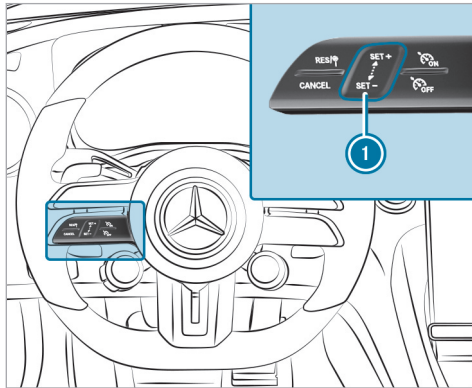
If you call up the stored speed and this is lower than your current speed, the vehicle decelerates.

- ▶ Take into account the traffic situation before calling up the stored speed.

Requirements

- The transmission is in position **D**.

- The vehicle speed is at least 15 mph (20 km/h).
- ESP® must be activated, but not intervening.
- Cruise control is selected.



Steering wheel control panel for cruise control

- RES/+ Adopts the stored/detected speed
CANCEL Deactivates cruise control

① SET+ SET- Control panel to increase/decrease speed

ON Switches on cruise control

OFF Switches off cruise control

Switching on cruise control:

▶ Press ON.

Activating cruise control:

▶ Press SET+ or SET- on the control panel ①.
The current vehicle speed will be stored and maintained by the vehicle.

or

▶ Press RES/+.
The last stored speed will be called up and maintained by the vehicle.
The current vehicle speed will be stored if the most recently stored speed has been deleted.

① When you switch off the vehicle, the last speed stored will be deleted.

Increasing/decreasing the stored speed:

▶ To increase the stored speed: swipe upwards from the bottom of the control panel ①.

- The stored speed will be increased by 1 mph (1 km/h).

▶ To decrease the stored speed: swipe downwards from the top of the control panel ①.

- The stored speed will be decreased by 1 mph (1 km/h).

or

▶ Briefly press SET+ or SET- on control panel ①.

The stored speed will be increased or decreased to the following values depending on the unit:

- **mph:** the next value ending in 5
- **km/h:** the next value ending in 0

or


▶ Accelerate the vehicle to the desired speed.

▶ Press SET+ on control panel ①.


Adopting a detected speed:

If cruise control is activated and Traffic Sign Assist has detected a traffic sign with a maximum


permissible speed and this is shown on the driver display:

- ▶ Press . The maximum permissible speed shown by the traffic sign will be stored and the vehicle will maintain that speed.

Deactivating cruise control

- ▶ Press .

Switching off cruise control

- ▶ Press .

- ⓘ If you brake or deactivate ESP® or if ESP® intervenes, cruise control will be deactivated.

Active Distance Assist DISTRONIC

Function of Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC maintains the set speed on free-flowing roads. If vehicles are detected ahead the set distance is maintained, if necessary until the vehicle comes to a standstill. The vehicle accelerates or brakes depending on

the distance to the vehicle in front and the set speed.

The speed and distance to the vehicle in front are set and saved using the steering wheel.

Active Distance Assist DISTRONIC is available at speeds of 15 mph (20 km/h) to 130 mph (210 km/h).

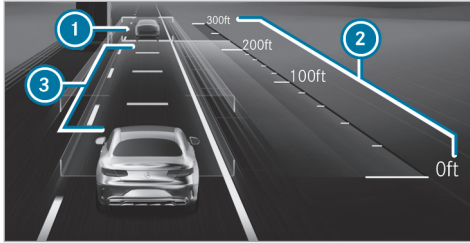
Other features of Active Distance Assist DISTRONIC:

- Adjusts the driving style depending on the selected drive program
 - Initiates acceleration to the stored speed if the turn signal indicator is switched on to change to the overtaking lane
 - Reacts to stationary vehicles detected in urban speed ranges (except bicycles and motorcycles)
 - Takes one-sided overtaking restrictions into account on freeways or multi-lane roads with separate roadways (country-dependent)
- ⓘ In the Active Distance Assist menu, it is possible to set the driving mode of Active Distance Assist DISTRONIC. Depending on the selected

drive program, the driving behavior is energy-saving, comfortable or dynamic (→ page 230).

Vehicles with Active Parking Assist: if Active Distance Assist DISTRONIC has braked the vehicle to a standstill, it can automatically follow the vehicle in front when driving off again within 30 seconds. If a critical situation is detected in the surrounding area when you are driving off, such as a person in the vehicle path, a visual and acoustic warning indicates that the driver must now take control of the vehicle. The vehicle is not accelerated any further.

Observe the notes on driving systems and your responsibility, otherwise you may fail to recognize potential dangers (→ page 212).




Notification on the driver display in the [Assistance](#) menu


- ① Vehicle in front
- ② Distance indicator
- ③ Set specified distance

The vehicle detected in front ① is highlighted in green. It may also be in the lane to the right of your vehicle in situations where it is not permitted to overtake on the left, for example, on UK free-ways.

Permanent status display

 **Gray:** Active Distance Assist DISTRONIC selected but not yet active



 **Green speedometer, gray vehicle:** Active Distance Assist DISTRONIC active, speed set

 **Green:** Active Distance Assist DISTRONIC active and vehicle detected

The stored speed is shown under the permanent status display and highlighted in the speedometer. Active Distance Assist DISTRONIC's status display is grayed out when in passive mode.

If the speed of the vehicle in front or the ascertained target speed due to the route event ahead is less than the stored speed, the segments in the speedometer light up.

If you increase or decrease the set specified distance ③, the  display appears briefly.

- ① The green vehicle symbol  is displayed cyclically when the vehicle is ready to pull away.
- ② If the accelerator pedal is depressed while Active Distance Assist DISTRONIC is operational, the system can be switched to passive mode. The  **Suspended** message appears briefly on the driver display.

System limits

The system may be impaired or inoperative in the following instances, for example:

- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying ambient light.
- The windshield in the camera's area is dirty, fogged up, damaged or covered.
- If the radar sensors are dirty or covered.
- In parking garages or on roads with steep uphill or downhill gradients.
- If there are narrow vehicles in front, such as bicycles or motorcycles.

In addition, one or more wheels may lose grip due to braking or acceleration on smooth or slippery roads, and the vehicle may begin skidding. If ESP® intervenes, Active Distance Assist DISTRONIC is deactivated.

Do not use Active Distance Assist DISTRONIC in these situations.

⚠ WARNING Risk of accident from acceleration or braking by Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC may accelerate or brake in the following cases, for example:

- If the vehicle pulls away using Active Distance Assist DISTRONIC.
- If the stored speed is called up and is considerably faster or slower than the currently driven speed.
- If Active Distance Assist DISTRONIC no longer detects a vehicle in front or does not react to relevant objects.

- ▶ Always carefully observe the traffic conditions and be ready to brake at all times.
- ▶ Take into account the traffic situation before calling up the stored speed.

⚠ WARNING Risk of accident due to insufficient deceleration by Active Distance Assist DISTRONIC

Active Distance Assist DISTRONIC brakes your vehicle with up to 50% of the possible deceleration. If this deceleration is not sufficient, Active Distance Assist DISTRONIC alerts you with a visual and acoustic warning.

- ▶ Adjust your speed and maintain a suitable distance from the vehicle in front.
- ▶ Brake the vehicle yourself and/or take evasive action.

⚠ WARNING Risk of accident if detection function of Active Distance Assist DISTRONIC is impaired

Active Distance Assist DISTRONIC does not react or has a limited reaction:

- when driving on a different lane or when changing lanes

- to pedestrians, animals, bicycles or stationary vehicles, or unexpected obstacles
- to complex traffic conditions
- to oncoming vehicles and crossing traffic

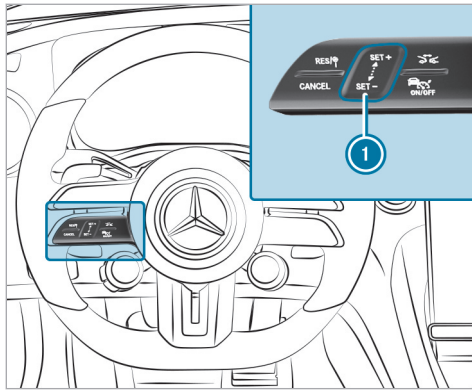
As a result, Active Distance Assist DISTRONIC may neither give warnings nor intervene in such situations.

- ▶ Always observe the traffic conditions carefully and react accordingly.

■ Operating Active Distance Assist DISTRONIC

Requirements:

- The electric parking brake has been released.
- ESP® is switched on and is not intervening.
- Transmission position **D** is engaged.
- All the doors are closed.
- The check on the radar sensor system has been successfully completed.



RES/Ⓟ

Adopts the stored/detected speed
Deactivates Active Distance Assist
DISTRONIC

CANCEL

① SET+ SET-

Control panel to increase/decrease
speed

Increases/decreases the specified
distance

Activates/deactivates Active Dis-
tance Assist DISTRONIC

▶ To operate Active Distance Assist
DISTRONIC: press the respective button with
only one finger or swipe across the control
panel.

Activates/deactivates Active Distance Assist DISTRONIC

▶ Press .

Activating Active Distance Assist DISTRONIC

▶ To activate without a stored speed: press the
control panel ① on the top or on the
bottom or press . Remove your foot
from the accelerator pedal.

or

▶ To activate with a stored speed: press .

Remove your foot from the accelerator pedal.
The last stored speed will be called up and
maintained by the vehicle.

If the stored speed has been deleted, the cur-
rent vehicle speed will be stored.

Increasing or decreasing the speed

▶ To increase the stored speed: swipe upwards
from the bottom of control panel ①.

- The stored speed will be increased by
1 mph (1 km/h).

▶ To decrease the stored speed: swipe down-
wards from the top of control panel ①.

- The stored speed will be decreased by
1 mph (1 km/h).

or

▶ Briefly press the top or bottom of
control panel ①.

The stored speed will be increased or
decreased by 5 mph (10 km/h).


or

▶ Accelerate the vehicle to the desired speed.

▶ Press the top of control panel ①.


Adopting the speed restriction shown on the driver display

▶ Activate Active Distance Assist DISTRONIC:
press , or .

▶ Adopt the displayed speed restriction: press . The speed restriction shown on the driver display will be adopted as the stored speed. The vehicle will adapt its speed to that of the vehicle in front, but only up to the stored speed, or will limit its speed accordingly.

ⓘ A speed restriction shown on the driver display will be adopted only while the vehicle is in motion, not when it is stationary.



Pulling away with Active Distance Assist DISTRONIC

▶ Activate Active Distance Assist DISTRONIC and remove your foot from the brake pedal.
▶ Press .

or

▶ Depress the accelerator pedal briefly and firmly. The functions of Active Distance Assist DISTRONIC will remain active.

Increasing or decreasing the specified distance from the vehicle in front

▶ Press . The  indicator will appear. The specified distance will be reduced by one level. If the lowest level is already selected, the selection will jump to the highest level.

Deactivating Active Distance Assist DISTRONIC

⚠ WARNING Risk of an accident due to Active Distance Assist DISTRONIC being active when you leave the driver's seat

If you leave the driver's seat while the vehicle is being braked by Active Distance Assist DISTRONIC only, the vehicle can roll away.

▶ Always deactivate Active Distance Assist DISTRONIC and secure the vehicle to prevent it from rolling away before you leave the driver's seat.

▶ Press .

ⓘ If you brake or deactivate ESP® or if ESP® intervenes, Active Distance Assist DISTRONIC will be deactivated.

Function of Active Speed Limit Assist

If a change in speed limit is detected and the automatic adoption of speed limits is switched on, this will automatically be adopted as the set speed (→ page 230). Speed limits below 12 mph (20 km/h) will not be adopted.

The vehicle's speed will be adjusted when the vehicle is level with the traffic sign at the latest. In the case of signs indicating entry into an urban area, the speed will be adapted according to the speed permitted within the urban area. The speed limit indicator on the driver's display will always be updated when the vehicle is level with the traffic sign.

If you are driving on German motorways with no speed limit, the system will use the speed stored for a stretch of road with no speed limit as the set speed. If you do not alter the set speed on a stretch of road with no speed limit, the recommended speed of 80 mph (130 km/h) will be adopted.

If Active Distance Assist DISTRONIC has been switched to passive mode as a result of you pressing the accelerator pedal, only speed limits that are higher than the set speed will be adopted.

The maximum permissible speed does not take the road condition and current weather and traffic conditions into consideration. Adjust your speed accordingly when necessary.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).

System limits

The system limits of Traffic Sign Assist apply to the detection of traffic signs (→ page 245).

Speed limits below 12 mph (20 km/h) will not automatically be adopted by the system as the set speed. Temporary speed restrictions (e.g. for a specific time or due to weather conditions) cannot be unequivocally detected by the system.

Adjust your speed in these situations.

⚠ WARNING Risk of accident due to speed adaptation via Active Speed Limit Assist

The speed limit adopted by Active Speed Limit Assist may be too high or otherwise erroneous in certain circumstances:

- in the case of speed limits below 12 mph (20 km/h)
- due to weather, e.g. in wet or foggy conditions

- ▶ Ensure that the vehicle speed always complies with the traffic regulations.
- ▶ Adjust the vehicle speed to the current traffic and weather conditions.

■ Function of route-based speed adaptation

When Active Distance Assist DISTRONIC is activated, the vehicle speed will be adapted accordingly to the route events ahead. Depending on the drive program selected, the vehicle will negotiate a route event ahead in an energy-saving, comfortable or dynamic manner. When the route event has been passed, the vehicle will accelerate again to the stored speed. The set distance to the vehicle

in front, vehicles detected ahead and speed restrictions ahead will be taken into account.

Route-based speed adaptation can be activated in the multimedia system (→ page 230).

The following route events will be taken into account:

- Bends
- Traffic circles
- T-intersections
- Turns and exits
- Traffic jams ahead (only with Live Traffic)

Also, the speed will be reduced if the turn signal indicator is switched on and one of the following situations is detected:

- Turning off at intersections
- Driving in slowing-down lanes
- Driving in lanes adjacent to slowing-down lanes

The driver is responsible for choosing the right speed and observing other road users. This applies in particular to intersections, traffic circles

and traffic lights, as route-based speed adaptation does not brake the vehicle to a standstill.

When route guidance is active, the first speed adjustment will be carried out automatically. If the turn signal indicator is switched on, the selected route will be confirmed and further speed adjustment will be activated.

Speed adjustment will be canceled in the following cases:

- If the turn signal indicator is switched off before the route event and it is therefore assumed that the route event is not relevant to the driver
- If the driver depresses the accelerator or brake pedal during the process

System limits

Route-based speed adaptation does not take right of way regulations into account. The driver is responsible for complying with road traffic regulations and driving at a suitable speed.

In difficult conditions, the speed selection made by the system may not always be suitable. This applies to the following situations, for example:

- The road's course is not clearly visible
- Road narrowing
- Varying maximum permissible speeds in individual lanes, e.g. at toll stations
- Wet road surfaces, snow or ice

The driver will need to intervene accordingly in these situations.

WARNING Risk of accident in spite of route-based speed adaptation

Route-based speed adaptation can malfunction or be temporarily unavailable in the following situations:

- If the driver does not follow the calculated route
- If map data is not up-to-date or available
- In the event of roadworks
- In bad weather or road conditions


- If the accelerator pedal is depressed
 - In the event of electronically displayed speed limitations
- ▶ Adapt the speed to the traffic situation.

Setting the driving style of Active Distance Assist DISTRONIC

Requirements:


- Active Distance Assist DISTRONIC is activated.

Multimedia system:

  [Settings](#) [» Assistance](#)
[» Driving](#) [» Active Distance Assist](#)

Selecting a driving style

 Select [Based on DYNAMIC SELECT](#), [Dynamic](#) or [Comfortable](#).

 Additional information on Active Distance Assist DISTRONIC (→ page 224).

Setting speed adaptation

- ▶ Select **Adopt Speed Limit** or **Route-based Speed Adaptation**.

When these functions are active, the travel speed is adapted depending on the route events ahead or in accordance with a speed restriction.

- ⓘ If one of the following systems is activated, the detected speed can be manually adopted as the maximum permissible speed:
 - Active Distance Assist DISTRONIC
 - Cruise control
 - Variable limiter
- ⓘ Additional information on speed adaptation (→ page 229).

Function of Active Stop-and-Go Assist

Active Stop-and-Go Assist helps you in traffic jams on multi-lane roads with separated roadways by automatically pulling away within up to 60 seconds and with moderate steering maneuvers. It orients itself using the vehicle in front and lane markings. Active Stop-and-Go Assist automatically


maintains a safe distance from the vehicle in front and vehicles cutting in.

Active Stop-and-Go Assist requires you, as the driver, to keep your hands on the steering wheel at all times so that you can intervene at any time to correct the course of the vehicle and keep it in the lane.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).

Active Stop-and-Go Assist will activate automatically when all the following conditions are met:

- You are in a traffic jam on a highway or major high-speed road.
- Active Distance Assist DISTRONIC is activated and active (→ page 226).
- Active Brake Assist is available (→ page 240).
- Active Steering Assist is switched on and active (→ page 233).
- You are traveling at a speed no greater than 35 mph (60 km/h).

When Active Stop-and-Go Assist is active, the  status indicator will appear on the driver display.

System limits

The system limits of Active Distance Assist DISTRONIC and Active Steering Assist apply to Active Stop-and-Go Assist.

Active Steering Assist

Function of Active Steering Assist






Active Steering Assist is available up to a speed of 130 mph (210 km/h).


The system helps you to stay in the center of the lane by means of moderate steering interventions. Depending on the vehicle speed, Active Steering Assist uses the vehicles ahead and lane markings as a reference.

- Depending on the respective country, Active Steering Assist can use the surrounding traffic as a reference in the lower speed range. If necessary, Active Steering Assist can also assist when you are driving outside the center of the lane, for example, to form an emergency corridor.

If the detection of lane markings and vehicles ahead is impaired, Active Steering Assist switches to passive mode. The system provides no support in this case.

Status display of Active Steering Assist

-  **Gray:** activated and in passive mode
 -  **Green:** activated and active
 -  **Red, flashing:** prompt to the driver to actively confirm or transition from active to passive mode, system limits detected
 -  **White, red hands:** "hands on the steering wheel" prompt
- During the transition from active to passive mode, the  symbol is shown as enlarged and flashing. Once the system is in passive

mode, the  symbol is shown as gray on the driver display.


- Depending on the selected vehicle settings, Active Steering Assist may be unavailable.

Steering and touch detection

The driver is required to keep their hands on the steering wheel at all times to ensure that they can intervene at any time to correct the course of the vehicle and keep it in lane. The driver must expect a change from active to passive mode or vice versa at any time.



If the system detects that the driver has not steered the vehicle for a considerable period of time or has removed their hands from the steering

wheel, an initial visual warning is issued. The notification  appears on the driver display. If the driver still does not steer the vehicle, or gives no confirmation to the system, a warning tone sounds in addition to the visual warning message. (→ page 234) If the driver does not react to this warning for a considerable period, an emergency stop may be initiated.

The warning is not issued or stops as soon as the system detects the driver touching or steering the steering wheel.

Touch detection may be limited or inoperative if there is no direct contact between the hand and the steering wheel, e.g. when you are wearing gloves or if there is a steering wheel cover on the steering wheel.

If Active Steering Assist detects that a system limit has been reached, a visual warning is issued and a warning tone sounds.

Observe the notes on driving systems and your responsibility, otherwise you may fail to recognize potential dangers (→ page 212).

System limits

Active Steering Assist has a limited steering torque for lateral guidance. In some cases, the steering intervention is not sufficient to keep the vehicle in the lane or to drive through exits.

The system may be impaired or inoperative in the following situations:

- There is poor visibility, e.g. due to snow, rain, fog, heavy spray, greatly varying ambient light or dense shadows on the road.
- There is glare, e.g. from oncoming traffic, direct sunlight or reflections.
- Insufficient road illumination.
- The windshield is dirty, fogged up, damaged or covered in the vicinity of the camera, e.g. by a sticker.
- There are no lane markings in a given lane, or the markings are not easily discernible or change quickly, for example, in a construction area or at intersections.
- The lane markings are worn away, dark or covered up, e.g. by dirt or snow.

- If the distance to the vehicle in front is too short and the lane markings can therefore not be detected.
- The roadway is narrow and winding.
- There are obstacles on the lane or projecting out into the lane, such as object markers.

The system does not provide assistance in the following conditions:

- On very tight bends and when turning.
- When crossing intersections.
- At traffic circles or toll stations.
- When actively changing lane without switching on the turn signal indicator.
- When the tire pressure is too low.

⚠ WARNING Risk of accident if Active Steering Assist unexpectedly stops functioning

If the system limits of Active Steering Assist are reached there is no guarantee that the system will remain active or will keep the vehicle in lane.

- ▶ Always keep your hands on the steering wheel and observe the traffic carefully.
- ▶ Always steer the vehicle paying attention to traffic conditions.

⚠ WARNING Risk of accident if Active Steering Assist unexpectedly intervenes

The detection of lane markings and objects may malfunction and cause unexpected steering interventions.

- ▶ Steer according to traffic conditions.

■ Activating/deactivating Active Steering Assist

Requirements:

- ESP® is activated, but is not intervening.
- Active Distance Assist DISTRONIC is activated.

Multimedia system:

➔  ➔ [Settings](#) ➔ [Assistance](#)
➔ [Driving](#)

▶ Activate or deactivate [Active Steering Assist](#).

Function of Active Emergency Stop Assist

Active Emergency Stop Assist monitors the steering wheel, as well as the accelerator and brake pedals. If the system detects a lack of driver activity or the vehicle is in danger of leaving the lane, a warning can be issued and an emergency stop initiated.

Vehicles without Driving Assistance Package: The system is available from a speed of approx. 37 mph (60 km/h).

Vehicles with Driving Assistance package: If Active Steering Assist is switched off, the system is available from a speed of approx. 37 mph (60 km/h).

If the system detects that the vehicle is in danger of leaving the lane, a warning can be issued and an emergency stop initiated.

- The driver has not touched the steering wheel for a certain while or no steering movement is detected for a lengthy period (depending on the vehicle equipment).
- Neither the accelerator nor the brake pedal is depressed.

- **Vehicles with Driving Assistance package:** if Active Steering Assist is switched on and active, the system only monitors the steering wheel. If the driver has not touched the steering wheel for a certain while, a warning may be issued despite pedal actuation. Observe also the instructions on the touch detection of Active Steering Assist (→ page 231).



Active Emergency Stop Assist issues the following warnings in order:

- Display message **1** appears on the driver display.
- In addition to the display **1**, a warning tone sounds.
- The **Initiating Emergency Stop** message appears on the driver display, a continuous warning tone sounds and the vehicle will no longer accelerate. Additionally, a slight tensioning of the belt will be generated as required.
- The vehicle speed is reduced in increments until the vehicle comes to a standstill. Sharp brake impulses are also effected.
- **Vehicles with Driving Assistance Package:** If Active Distance Assist DISTRONIC is active and the driver unfastens the seat belt and opens the driver's door, an emergency stop can be initiated immediately.

Vehicles with Driving Assistance package: If possible, a lane change to the adjacent lane is performed (country-dependent). It is possible to change lanes across one lane and only to the outside lane, not to the hard shoulder.

When automatic braking is initiated, Active Distance Assist DISTRONIC is deactivated. Depend-

ing on the respective country, the hazard warning light system is also switched on.


When the vehicle has come to a standstill:

- the vehicle is secured with the electric parking brake.
- the vehicle is unlocked.
- if possible, an emergency call is made to the Mercedes-Benz emergency call center.

Before automatic braking is initiated, you can cancel Active Emergency Stop Assist by turning the steering wheel.

You can cancel an intervention by Active Emergency Stop Assist after automatic braking is initiated by performing one of the following actions:

- Accelerating or braking: the emergency stop is canceled, but the warning message, warning tone and electric power steering remain active
- Steering: electric power steering is canceled, the warning message and warning tone remain active, and the vehicle continues to be braked

 Active Emergency Stop Assist can initiate an emergency stop a maximum of three times

within a driving cycle. After that, Active Steering Assist and Active Emergency Stop Assist are disabled until the vehicle has been restarted.


System limits


For the detection of vehicles and other obstacles, observe the system limits of the following functions:

- Active Distance Assist DISTRONIC (→ page 224)
- Active Steering Assist (→ page 231)
- Active Lane Change Assist (→ page 235)
- Active Lane Keeping Assist (→ page 253)
- Active Brake Assist (→ page 240)

Vehicles without Driving Assistance Package:

Active Emergency Stop Assist is inactive in the following cases:

- Active Lane Keeping Assist has reached a system limit.
-  Active Lane Keeping Assist is switched off (white status display).

-  Active Lane Keeping Assist is not ready (gray status display).

Active Lane Change Assist

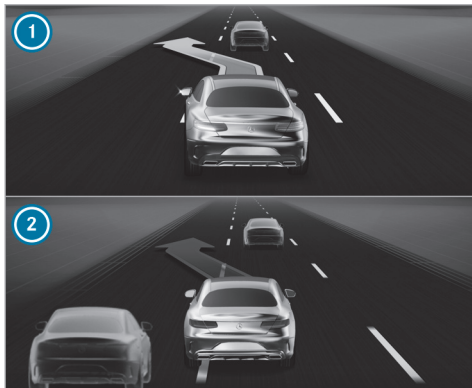
Function of Active Lane Change Assist

Active Lane Change Assist is activated via the turn signal indicator, and supports the driver when changing lanes by applying steering torque.

The following conditions must be met for this function:



- You are driving on a freeway or a main road similar to a freeway.
- The travel speed is between approximately 40 mph (65 km/h) and 112 mph (180 km/h).
- A dashed boundary marking separates the adjacent lane.
- No vehicle or obstacle is detected in the adjacent lane.
- Active Lane Change Assist is selected in the multimedia system (→ page 239).


- Active Distance Assist DISTRONIC and Active Steering Assist are switched on and are active.




Notification on the driver display in the menu **Assistance**

- ① Green arrow: lane change initiated
- ② Red arrow: lane change canceled

If Active Lane Change Assist is available, the notification  appears with green arrows on the driver display. If the system has been activated but is not currently available, the notification  appears with gray arrows on the driver display.

If no vehicle or obstacle is detected in the adjacent lane, and a lane change is permitted, the lane change is initiated as soon as the driver activates the turn signal indicator. The lane change is indicated to the driver by a green flashing arrow next to the steering wheel symbol . In the **Assistance** menu, a green arrow ① indicating the respective adjacent lane appears on the driver display. The message **Lane Change to the Left**, for example, also appears.

If it is not possible to change lanes immediately after switching on the turn signal indicator because, for example, an obstacle has been detected, the arrow next to the steering wheel symbol  also flashes green. The adjacent lane continues to be monitored. When the lane becomes accessible, a lane change is carried out and the **Lane Change to the Left** message, for example, appears on the driver display. When the green

arrows stop flashing, activate the lane change again.

Active Lane Change Assist can be canceled in the following situations, for example:

- The environmental conditions change (e.g. obstacle detected).
- The driver steers too hard or in the opposite direction.
- The driver switches on the turn signal indicator in the opposite direction.
- Active Distance Assist DISTRONIC or Active Steering Assist are deactivated.
- The lane change cannot be executed by the vehicle as planned.

A cancellation of Active Lane Change Assist is displayed as follows:

- The arrow in the selected direction of travel turns red.
- A corresponding message appears on the driver display.
- In certain circumstances a warning tone sounds.

▲ WARNING Risk of accident when changing lane to an occupied adjacent lane

Lane Change Assist cannot always clearly detect if the adjacent lane is free.

The lane change might be initiated although the adjacent lane is not free.

- ▶ Before changing lanes, make sure that the neighboring lane is free and there is no danger to other road users.
- ▶ Monitor the lane change.

▲ WARNING Risk of accident if Lane Change Assist unexpectedly stops functioning

If the system limitations for Lane Change Assist have been reached, there is no guarantee that the system will remain active.

Lane Change Assist cannot then assist you by applying steering torque.

- ▶ Always monitor the lane change and keep your hands on the steering wheel. Observe the traffic conditions and steer and/or brake if necessary.

Automatic Lane Change

Automatic Lane Change is a sub-function of Active Lane Change Assist. It can assist the driver in deciding when a lane change is appropriate, as well as its subsequent execution.

▲ WARNING Risk of accident due to incorrectly triggered lane change

The system cannot always clearly recognize all situations in which a lane change is appropriate.

The system can initiate a lane change even though the traffic situation is not suitable or the neighboring lane is not available, not usable or occupied.

- ▶ Always monitor the traffic situation.
- ▶ If necessary, cancel the lane change by holding the steering wheel or countersteering slightly and return the vehicle to its own lane.

You can cancel a lane change initiated by the system at any time by holding the steering wheel or

countersteering slightly and returning the vehicle to its lane.

The following conditions must be fulfilled for an automatic lane change:

- The conditions for activating Active Lane Change Assist are fulfilled.
- Automatic Lane Change is switched on in the multimedia system (→ page 239).
- You are driving on a freeway, or a main road similar to a freeway, in a country for which this function is approved.
- The road currently being traveled allows lane changes. There are no tight bends, for example.
- The travel speed is between approximately 40 mph (65 km/h) and 85 mph (140 km/h).

i If you are not in a country for which this function is approved, the menu item for automatic lane change is not available in the multimedia system.

Active Lane Change Assist can initiate an automatic lane change in the following situations, for example:

- The set desired speed for Active Distance Assist DISTRONIC cannot be reached due to a slower vehicle in front.
- There is little traffic, and the set desired speed for Active Distance Assist DISTRONIC can also be achieved in a slower lane.
- A lane change is necessary in order that the route entered in the navigation system, or the road currently being navigated can be followed. The lane change can already take place before the prompt to do so appears in the navigation system.
- The system detects that the lane being traveled in is about to end.
- You are in the slowest speed lane.

In the following situations in particular, Active Lane Change Assist does not perform an automatic lane change:

- If the vehicle is already in a lane that should be used to follow the route entered in the navigation system.
- On some route sections, no lane change is initiated to the slowest speed lanes.
- The system detects that the adjacent lane is about to end.
- If the driver has canceled Automatic Lane Change, no lane change will be initiated in this direction for a certain period of time. Automatic Lane Change is then temporarily switched to passive mode for this direction.
- If the driver has initiated a lane change in a given direction or has changed lanes themselves, no lane change is initiated in the opposite direction for a certain period of time. Automatic Lane Change is then temporarily switched to passive mode for this direction.



The same cancellation conditions apply to the automatic lane change as for the lane change ini-

tiated by the driver with Active Lane Change Assist.

In addition, Automatic Lane Change can be canceled under the following circumstances in particular:

- During the lane change, the system detects a construction site separated by traffic cones, in its own or in the adjacent lane.
- The system recognizes that the reason for a lane change no longer exists.


Notifications on the driver display

If Automatic Lane Change is available, in place of the notification , the notification  appears in green.

If Automatic Lane Change is available but not all conditions for activating the function are currently fulfilled, the **A**- symbols are shown in gray. Depending on the respective country, only an **A** can be shown in gray. Automatic Lane Change is then temporarily switched to passive mode for this direction. This will be implemented, for example, if the driver has canceled Automatic Lane Change or has initiated a lane change themselves.

If the system deems a lane change appropriate and has to adjust the travel speed accordingly, the green **A** flashes on the side to which a lane change is to take place.

When the automatic lane change is initiated, the driver display shows a vehicle with an arrow pointing to the adjacent lane in which the lane change is to take place, and a warning tone sounds. In addition, the reason for a lane change, for example an overtaking maneuver, can be shown.

If Automatic Lane Change is canceled,  the **A** on the side to which a lane change was to take place is shown in red on the display. Under certain circumstances, warning messages can also be displayed and an additional warning tone sounded.

System limits


For Active Lane Change Assist, the system limits of Active Steering Assist (→ page 231) apply.


In addition, the system may be impaired or inoperative in the following situations:

- The sensors are damaged, covered or dirty (→ page 212).

- The exterior lighting indicates a defect.
- The system does not recognize a suitable road, e.g. in narrow bends.
- The vehicle is within a construction site.

Automatic Lane Change may be inoperative or impaired in the following situations in particular and may lead to lane changes being initiated erroneously:

- The vehicle is before or within a construction site and/or the system has detected a construction site separated by traffic cones.
 - The vehicle is within a section with temporary lane closures or lane openings.
 - The system can no longer detect the lane marking correctly.
 - It is raining heavily.
 - Another vehicle changes to the same lane simultaneously, e.g. incoming traffic from slip roads.
-  Active Lane Change Assist sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered.



Active Lane Change Assist is unavailable during this teach-in process, and no arrows are displayed next to the Active Steering Assist symbol .

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).


■ Setting Active Lane Change Assist

Multimedia system:

  **» Settings » Assistance**
» Driving

-  Select **Active Lane Change Assist**.
-  Select between the **On** or **Off** setting options.

The **Also Automatically** setting option can likewise be activated or deactivated.

-  If **Active Steering Assist** has been switched off, it will not be possible to operate **Active Lane Change Assist**.


Active Brake Assist

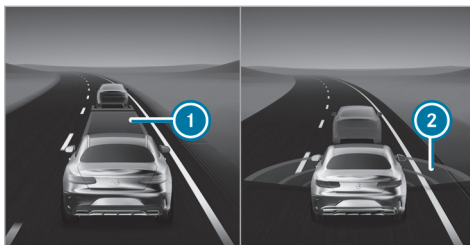
Function of Active Brake Assist

Active Brake Assist consists of the following functions:

- Collision warning
- Autonomous braking function
- Situation-based brake force boosting
- **Vehicles with Driving Assistance Package and Active Steering Assist:** Evasive Steering Assist

Active Brake Assist can help you to minimize the risk of a collision with vehicles, cyclists or pedestrians or to reduce the effects of such a collision.

If Active Brake Assist has detected a risk of collision, a warning tone will sound and the  distance warning lamp will light up.




Indicator on the **Assistance** menu on the driver display

- ① Distance insufficient
- ② Red radar waves

On the **Assistance** menu, an insufficient distance to the vehicle in front ① will be displayed in red. If you reduce the distance further, the vehicle in front will also be highlighted in red. When the system detects a risk of collision, red radar waves ② will appear in front of your vehicle.

If you do not react to the warning, autonomous braking may be initiated in critical situations.

In particularly critical situations, Active Brake Assist may also initiate autonomous braking

directly. In this case, the warning tone and  distance warning lamp will be activated at the same time as brake application.

If you apply the brakes yourself in a critical situation or apply the brakes during autonomous braking, situation-dependent brake force boosting will occur. The brake pressure will increase up to maximum emergency braking if necessary.



If autonomous braking or situation-dependent brake force boosting has occurred, pop-up ① will appear on the driver display and then automatically disappear after a short time.

If the autonomous braking function or the situation-based braking assistance is triggered, addi-

tional preventive measures for occupant protection may also be initiated by PRE-SAFE®.

▲ WARNING Risk of an accident caused by limited detection performance of Active Brake Assist

Active Brake Assist cannot always clearly identify objects and complex traffic situations.


In such cases, Active Brake Assist might:


- Give a warning or brake without reason
- Not give a warning or not brake

Active Brake Assist is only an aid. The driver is responsible for maintaining a sufficiently safe distance to the vehicle in front, vehicle speed and for braking in good time.

- ▶ Always pay careful attention to the traffic situation; do not rely on Active Brake Assist alone.
- ▶ Be prepared to brake or swerve if necessary.

If Active Brake Assist is deactivated or the functions are restricted, e.g. owing to activation of


another driving system, the  Active Brake Assist warning lamp will appear on the driver display.

If the system is unavailable owing to dirty or damaged sensors or a malfunction, or if the functions are restricted, the Active Brake Assist  warning lamp will appear on the driver display.

Also observe the system limits of Active Brake Assist.

The individual subfunctions are available in the following speed ranges:

Collision warning

The collision warning function can assist you in the following situations from approximately 4 mph (7 km/h) with an intermittent warning tone and the  distance warning lamp.

Vehicles without Driving Assistance Package:

- at speeds up to approximately 155 mph (250 km/h) when approaching moving vehicles ahead.
- at speeds up to approximately 50 mph (80 km/h) when approaching stationary vehi-

cles, pedestrians walking along the road and moving cyclists ahead.

- at speeds up to approximately 43 mph (70 km/h) when approaching crossing pedestrians and cyclists.
- at speeds up to approximately 37 mph (60 km/h) when approaching stationary pedestrians and cyclists.

Vehicles with Driving Assistance Package:

- at speeds up to approximately 155 mph (250 km/h) when approaching moving vehicles ahead.
- at speeds up to approximately 75 mph (120 km/h) when approaching crossing vehicles, pedestrians and cyclists.
- at speeds up to approximately 62 mph (100 km/h) when approaching stationary vehicles.
- at speeds up to approximately 50 mph (80 km/h) when approaching moving cyclists ahead.

- at speeds up to approximately 43 mph (70 km/h) when approaching stationary pedestrians and cyclists.

Autonomous braking function

From a speed of approximately 4 mph (7 km/h), the autonomous braking function may intervene in the following situations:

Vehicles without Driving Assistance Package:

- at speeds up to approximately 155 mph (250 km/h) when approaching moving vehicles ahead.
- at speeds up to approximately 50 mph (80 km/h) when approaching moving cyclists ahead, pedestrians walking along the road and stationary vehicles.
- at speeds up to approximately 43 mph (70 km/h) when approaching crossing pedestrians and cyclists.

Vehicles with Driving Assistance Package:

- at speeds up to approximately 155 mph (250 km/h) when approaching moving vehicles ahead.

- at speeds up to approximately 75 mph (120 km/h) when approaching crossing vehicles, pedestrians and cyclists.
- at speeds up to approximately 62 mph (100 km/h) when approaching stationary vehicles.
- at speeds up to approximately 50 mph (80 km/h) when approaching moving cyclists ahead.
- at speeds up to approximately 43 mph (70 km/h) when approaching stationary pedestrians and cyclists.

Situation-based brake force boosting

From a speed of approximately 4 mph (7 km/h), situation-related brake force boosting may intervene in the following situations:

Vehicles without Driving Assistance Package:

- at speeds up to approximately 155 mph (250 km/h) when approaching moving vehicles ahead.
- at speeds up to approximately 50 mph (80 km/h) when approaching moving cyclists

ahead, pedestrians walking along the road and stationary vehicles.

- at speeds up to approximately 43 mph (70 km/h) when approaching crossing pedestrians and cyclists.
- at speeds up to approximately 37 mph (60 km/h) when approaching stationary pedestrians and cyclists.

Vehicles with Driving Assistance Package:

- at speeds up to approximately 155 mph (250 km/h) when approaching moving vehicles ahead.
- at speeds up to approximately 75 mph (120 km/h) when approaching crossing vehicles, pedestrians and cyclists.
- at speeds up to approximately 62 mph (100 km/h) when approaching stationary vehicles.
- at speeds up to approximately 50 mph (80 km/h) when approaching moving cyclists ahead.

- at speeds up to approximately 43 mph (70 km/h) when approaching stationary pedestrians and cyclists.

Canceling brake application by Active Brake Assist

You can cancel brake application by Active Brake Assist at any time by:

- Fully depressing the accelerator pedal or with kickdown.
- Releasing the brake pedal.


Active Brake Assist may cancel brake application when one of the following conditions is fulfilled:

- You steer to avoid an obstacle.
- There is no longer a risk of collision.
- An obstacle is no longer detected in front of your vehicle.

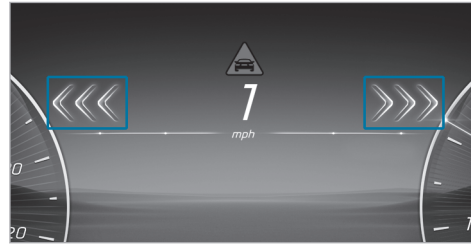
Reaction to oncoming road users (vehicles with Driving Assistance Package only)


Active Brake Assist can also react to detected oncoming road users:


- Reaction up to a speed of approximately 62 mph (100 km/h)

- Warning of oncoming road users through warning tone and distance warning lamp 
- Autonomous braking application in order to reduce the severity of an accident

Intersection start-off function (vehicles with Driving Assistance Package only)



If a risk of collision with crossing traffic is detected when you are pulling away or driving at walking pace, three red arrows pointing in the direction of the crossing road user will light up one after the other on the driver display together with the distance warning lamp . If the situation is particularly critical, the arrows will begin to flash.

A warning tone will also sound. If you do not react to the warning, acceleration may be restricted or autonomous braking may be initiated in critical situations. Autonomous braking can also prevent the vehicle from pulling away and hold it at a standstill. In particularly critical situations, Active Brake Assist may also initiate autonomous braking directly. In this case, the  distance warning lamp and warning tone will occur at the same time as brake application.

If autonomous braking or situation-dependent brake force boosting has occurred, a pop-up will appear on the driver display and then automatically disappear after a short time.

If Active Brake Assist is set to **Late**, the purely visual warning level and restriction of acceleration will be deactivated. If the situation is particularly critical, it is still possible for a visual warning to be issued, a warning tone to be emitted and autonomous braking to be initiated.

Evasive Steering Assist

▲ WARNING Risk of accident despite Evasive Steering Assist

Evasive Steering Assist cannot always recognize objects or complex traffic situations clearly.

Moreover, the steering support provided by Evasive Steering Assist is not sufficient to avoid a collision.


- ▶ Always pay careful attention to the traffic situation; do not rely on Evasive Steering Assist alone.
- ▶ Be prepared to brake or swerve if necessary.
- ▶ End the support by actively steering in non-critical situations.
- ▶ Drive at an appropriate speed if there are pedestrians close to the path of your vehicle.

Evasive Steering Assist has the following features:

- Detection of pedestrians, cyclists and vehicles.
- Help through additional steering assistance if it detects an evasive maneuver.
- Activation by an abrupt steering movement during an evasive maneuver.
- Assistance in taking evasive action and straightening the vehicle.
- Reaction from a speed of approximately 12 mph (20 km/h) up to a speed of approximately 68 mph (110 km/h).

You can cancel steering assistance by Evasive Steering Assist at any time by countersteering.

System limits

Full system performance will not be available for a short time after you switch on the vehicle or drive off. As long as the functions are restricted, the  Active Brake Assist warning lamp may also be shown on the driver display. Depending on the environmental conditions, it may take a few minutes before full system performance is available.

The system may be impaired or may not function in the following situations in particular:

- In snow, rain, fog, heavy spray, glare, in direct sunlight or in greatly varying ambient light.
- If the sensors are dirty, fogged up, damaged or covered. (→ page 212)
- If the sensors are impaired owing to interference from other radar sources, e.g. intense radar reflections in parking garages.
- If a loss of tire pressure or a defective tire has been detected and displayed.
- In complex traffic situations where objects cannot always be clearly identified.
- If pedestrians, cyclists or vehicles move quickly into the sensor detection range.
- If road users are hidden by other objects or are located close to other objects.
- If the typical outline of a pedestrian or cyclist cannot be distinguished from the background.
- If a pedestrian or cyclist is not detected as such, e.g. owing to special clothing or other objects.

- If the driver's seat belt is not fastened.
- On tight bends.

■ Setting Active Brake Assist

Requirements:

- The vehicle is switched on.


Multimedia system:

→  → Settings → Assistance
 → Collision Avoidance

▶ Activate or deactivate the function.


- ① It is recommended that you always leave Active Brake Assist activated.

Switching off Active Brake Assist also switches off the distance warning function, the collision warning, the autonomous braking function and Active Evasive Steering Assist (with Driving Assistance Package - country-dependent).

- ① If Active Brake Assist is deactivated, the  symbol appears in the status bar of the driver display and when the vehicle is next started the system is activated again.

- ① The setting after starting the vehicle depends on the country.

Setting warning timing

- ▶ Select  alongside **Active Brake Assist**.
- ▶ Select **Early**, **Medium** or **Late**.

Traffic Sign Assist

■ Function of Traffic Sign Assist

Traffic Sign Assist detects the traffic signs with the multifunction camera and compares them with the information from the digital road map of the navigation system. It assists you by displaying detected speed limits and overtaking restrictions on the driver display.

Speed limits can also be shown on the head-up display.

The system can issue a warning when you exceed the speed limit.

In some countries, the system can provide you with further functions and warn you when you are approaching pedestrian crossings or when you

are about to drive past stop signs or red lights unintentionally.

The camera also detects and analyzes traffic signs with a restriction indicated by an additional sign (e.g. in wet conditions).

Traffic Sign Assist shows only selected signs on the driver display. Actual traffic signs and speed limits have priority over traffic signs and speed limits shown on the driver display.

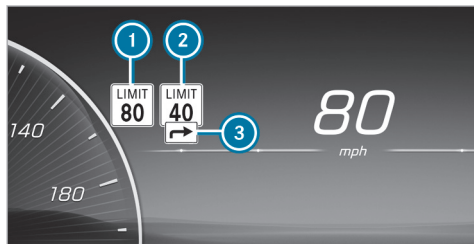
Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).

Also observe the following information:

- select a speed adapted to the traffic, surroundings and weather conditions
- observe actual traffic signs
- observe applicable traffic rules and regulations

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).

Indicators on the driver display



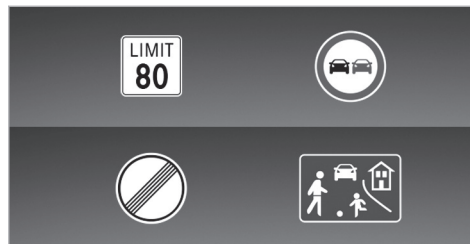
(Example)

- ① Permissible speed
- ② Permissible speed when there is a restriction
- ③ Additional sign with restriction

The system can show up to two traffic signs on the driver display simultaneously. The system will always prioritize displaying speed restrictions. No more than one traffic sign with a maximum permissible speed can be shown on the head-up display. If two speed signs are shown on the driver display, e.g. in the event of detected restrictions, the value of left-hand speed restriction ① will

always be conveyed to the cruise control or Active Distance Assist DISTRONIC for acceptance and shown on the head-up display.

Important information from other systems may cause traffic signs to be hidden for a short time.



Examples of traffic signs that can be displayed

Traffic Sign Assist can detect and display the following traffic signs ①:

- speed restrictions
- end of the speed restriction
- overtaking restrictions
- play streets

- recommended speeds

Traffic Sign Assist can detect the following additional signs ③ and evaluate relevance of the restrictions as required using auxiliary vehicle sensors:

- in wet conditions
- slippery road surfaces
- in fog
- temporary restrictions
- exits

Traffic Sign Assist also uses data from the digital street map in the navigation system. When you pass a city or city boundary or move from one road onto another, e.g. when joining or exiting a freeway, or when turning at a crossroads, the view on the driver display can thus also be updated without a traffic sign having been detected.

- ① Regularly update the digital road map of the navigation system to enable Traffic Sign Assist to work optimally.


Depending on vehicle equipment and country, the system can also display speed limits ahead on the

driver display and head-up display. The driver display can also show the distance to an upcoming lower speed limit. Information from the digital road map of the navigation system is used for this purpose. The **Assistance** menu can also display a dynamic visualization of the speed limit ahead.

If the Traffic Sign Assist cannot determine the current maximum permissible speed, e.g. due to a lack of signage, the following indicator will appear on the driver display:



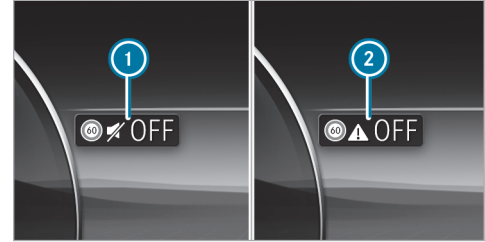
Traffic Sign Assist is not available in all countries. This display will be shown permanently in the vehicle when you are traveling in countries where Traffic Sign Assist is not supported.

If the system is temporarily or permanently unavailable due to a technical malfunction or dirt on the windshield, a corresponding display message will appear on the driver display. The Traffic Sign Assist  warning lamp will also light up on the driver display in certain countries.

- ❗ Please also note the information on the display messages from Traffic Sign Assist (→ page 431).

Warning when the maximum permissible speed is exceeded

The system can warn you if you are about to exceed the maximum permissible speed. Depending on the country, you can set in the multimedia system by how much the maximum permitted speed may be exceeded before a warning is given. You can switch off the warning or set whether the warning should be visual (by flashing the traffic sign on the driver's display) or visual and audible. Depending on the country, the selection of the type of warning will be confirmed by an indicator on the driver display.



(Example)

- ❶ Visual warning only
 - ❷ WARNING off
- ❗ The type, duration and deployment thresholds of the speed warning as well as the possibility of setting the deployment thresholds from which the warning is to be triggered are subject to the country-specific legislation of the country in which the vehicle is delivered.

Additional functions of Traffic Sign Assist (country-specific)

Warning for no-entry signs: Traffic Sign Assist can warn you if you drive the wrong way down a sec-

tion of road, such as on freeway on-ramps or one-way streets.

Warning at pedestrian crossings: if you are approaching a pedestrian crossing and pedestrians are in the danger zone or are moving towards it, Traffic Sign Assist can warn you up to a speed of approximately 44 mph (70 km/h).

Warning at stop signs: Traffic Sign Assist can warn you up to a speed of approximately 44 mph (70 km/h) if you are about to drive past a stop sign unintentionally. For this to be possible, the signs must be clear; for example, if the system detects more than one stop sign, or a stop sign is confirmed by the digital navigation map. No warning can be issued if several different signs are detected.

Warning at red lights: Traffic Sign Assist can warn you up to a speed of approximately 44 mph (70 km/h) if you are about to drive through a red light unintentionally.

The following conditions must be fulfilled:

- Several traffic lights have been detected.
- All traffic lights detected are red.

- At least one of the red traffic lights detected is on the front passenger side beside the vehicle's lane.
- The traffic lights are in the following sequence (from top to bottom): red, yellow and green.

i Where available, you can turn the warnings on and off on the Traffic Sign Assist menu under **Further Warnings**(→ page 249).

System limits

The system may be impaired or inoperative in the following situations in particular:

- If visibility is poor, e.g. due to insufficient illumination of the road, highly variable shade conditions, rain, snow, fog, swirling dust or heavy spray.
- if there is glare, e.g. from oncoming traffic, direct sunlight or reflections.
- If there is dirt on the windshield in the vicinity of the multifunction camera or if the camera is fogged up, damaged or obscured.
- If the traffic signs are difficult to see because, for example, they are dirty, obscured, faded,

iced over, damaged, inconveniently positioned, insufficiently illuminated or twisted.

- Active traffic signs with LED displays may not be detected correctly or at all due to technical factors, such as transmission frequency.
- If the information on the navigation system's digital map is incorrect, incomplete or out of date.
- If the signs, road markings or road layout are ambiguous, e.g. in the case of traffic signs at road work sites, at on-ramps and off-ramps, in the case of adjacent lanes or parallel roads or where there are pedestrian crossing markings at traffic lights.
- If the signage or road markings do not comply with the standard.
- If the signage, road markings or road guidance is country-specific and deviates from the route guidance of the navigation system, e.g. at or after road work sites.
- After sharp turns and tight bends, if traffic signs are outside the camera's field of vision.

- If you overtake vehicles with traffic signs attached to them.

Setting Traffic Sign Assist

Multimedia system:

- ▶ Home ▶ Settings ▶ Assistance ▶ Assistance ▶ Traffic Sign Assist

Activating or deactivating the speed limit warning

- ▶ Switch off **Speed Limit Warning**. Following country-specific legislation, the speed limit warning remains deactivated until the next time the vehicle is switched on or off and the driver's door is opened (depending on the respective equipment).

Change the type of speed limit warning

- ▶ Change the warning to **Visual** or **Visual & Audible**.

Setting the warning threshold

This value determines the speed at which a warning is issued when exceeded.

- ▶ Set the desired speed under Warning Threshold.

Activating or deactivating additional functions of Traffic Sign Assist

- ▶ Activate or deactivate **Further Warnings**. The available functions are switched on or off.

Set the type of warning for other functions

- ▶ Select **Visual** or **Visual & Audible**.

Blind Spot Assist and Active Blind Spot Assist

Function of Blind Spot Assist and Active Blind Spot Assist with exit warning

Blind Spot Assist and Active Blind Spot Assist use radar sensors to monitor the area up to 130 ft (40 m) behind and 10 ft (3 m) next to your vehicle.

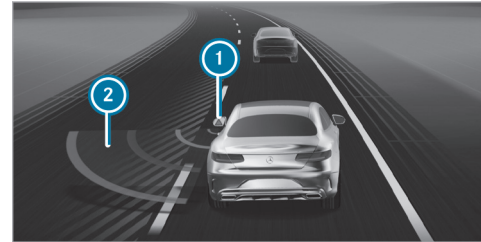
The system can detect vehicles traveling from speeds of approximately 8 mph (12 km/h) and issue a warning if they move into the monitoring range.

Status indicator on the driver display

- ▶ **Green:** the system is activated and operational.




Green: the system is activated and operational.




Indicator on the **Assistance** menu on the driver display

- ① Warning lamp on the exterior mirror
- ② Red radar waves


If a vehicle is detected from approximately 8 mph (12 km/h) and immediately moves into the monitoring range, the warning lamp on the relevant exterior mirror will light up red. **Assistance** on the menu, the lamp on the exterior mirror ① will also light up red, and the lane in which the vehicle is detected will be hatched out.

If a vehicle is detected in the monitoring range and you activate the direction indicators in the corresponding direction, a double warning tone will sound once and the warning lamp will flash red on the corresponding exterior mirror. Red radar waves  will be displayed next to your vehicle on the assistant display.

If the turn signal indicator remains on, the indicator on the exterior mirror will flash for all other detected vehicles, but no further warning tone will sound. If you overtake a vehicle quickly, no warning will be issued.


 **Vehicles with active ambient lighting:** if **Warning Support** is activated, the warning will also be highlighted by the ambient lighting (→ page 141).


Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).

 **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.

 **WARNING** Risk of accident despite Active Blind Spot Assist

Active Blind Spot Assist does not react to the following:


- if you overtake a vehicle too closely so that it is in the blind spot area
- if vehicles traveling at a much faster speed approach and then overtake

Active Blind Spot Assist may not give warnings or intervene in such situations.


 Always pay careful attention to the traffic situation and maintain a safe distance at the side of the vehicle.

Exit warning

The exit warning is an additional function of Blind Spot Assist and Active Blind Spot Assist and can warn vehicle occupants attempting to leave a stationary vehicle about approaching vehicles.

 **WARNING** Risk of accident despite exit warning

The exit warning neither reacts to stationary objects nor to persons or road users approaching you at a greatly differing speed. The exit warning cannot warn drivers in these situations.

 Always pay particular attention to the traffic situation when opening the doors and make sure there is sufficient clearance.

If a vehicle is detected in the monitoring range, the red warning lamp will light up on the corresponding exterior mirror.

If a vehicle occupant pulls the door handle on the side of the warning, a warning tone will sound twice and the ambient lighting on the respective door and the warning lamps on the corresponding exterior mirror will flash red.

Vehicles with MBUX Interior Assistant: the visual warning will begin as soon as the hand of a vehicle occupant moves into the area of the door.

i **Vehicles with ambient lighting or active ambient lighting:** the **Warning Support** provided by the ambient lighting can be activated and deactivated (→ page 141).

i The warning assistance may vary depending on the equipment and setting.

The exit warning is available only when Blind Spot Assist or Active Blind Spot Assist is active.

After the vehicle is switched off, the exit warning will continue to function for a few minutes. When the exterior mirror warning lamp flashes three times, the exit warning is no longer available.

The exit warning is only an aid and not a substitute for the attention of vehicle occupants. The responsibility for opening and closing the doors and for leaving the vehicle remains with the vehicle occupants.

System limits

Blind Spot Assist and Active Blind Spot Assist may be limited in the following situations in particular:

- if there is dirt on the sensors or the sensors are obscured
- in poor visibility, e.g. owing to fog, heavy rain or snow
- if there are narrow vehicles, e.g. bicycles or motorcycles
- if the road has very wide or narrow lanes
- if vehicles are not driving in the middle of their lanes

Warnings may be issued in error when you drive close to crash barriers or similar structural lane borders. Always ensure that there is a sufficient distance at the sides to other road users or obstacles.

Warnings may be interrupted when you drive alongside long vehicles, such as trucks, for a prolonged time.

Blind Spot Assist and Active Blind Spot Assist will not be operational when reverse gear is engaged.

Additionally, the exit warning may be limited in the following situations:

- when the sensor is blocked by adjacent vehicles in narrow parking spaces
- when people are approaching
- in the case of stationary or slow-moving objects

■ Brake application function in Active Blind Spot Assist

i The brake application function is only available for vehicles with Driving Assistance Package.

If Active Blind Spot Assist detects a risk of a side impact in the monitored range, a course-correcting brake application is carried out. Course-correcting brake application helps in this case to avoid collision with another vehicle.

The course-correcting brake application is available to you from a speed of approx. 20 mph (30 km/h) - 17 mph (60 km/h) (depending on the country) up to a speed of approx. 125 mph (200 km/h).

⚠ WARNING Risk of accident despite brake application of Active Blind Spot Assist

A course-correcting brake application cannot always prevent a collision.

- ▶ Always steer, brake or accelerate yourself, especially if Active Blind Spot Assist warns you or makes a course-correcting brake application.
- ▶ Always maintain a safe distance at the sides.



If a course-correcting brake application occurs, the red warning lamp flashes in the outside mirror and a warning tone sounds. In addition, a display **!** indicating the danger of a side collision appears on the driver display.

In rare cases, the system may make an inappropriate brake application. This brake application may be interrupted at any time if you steer slightly in the opposite direction or accelerate.

System limits


Note the system limitations of Active Blind Spot Assist; you may otherwise not recognize the dangers (→ page 249).

Either a course-correcting brake application appropriate to the driving situation, or none at all, may occur in the following situations in particular:

- Vehicles or obstacles, e.g. crash barriers, are located on both sides of your vehicle.
- An approaching vehicle leaves too little lateral distance between you.
- You have adopted a sporty driving style with high cornering speeds.
- You brake or accelerate significantly.
- A driving safety system intervenes, e.g. ESP® or Active Brake Assist.
- ESP® is deactivated.
- A loss of tire pressure or a defective tire is detected.

Switching Blind Spot Assist or Active Blind Spot Assist on or off

Multimedia system:

→  » Settings » Assistance
» Collision Avoidance

▶ Activate or deactivate **Active Blind Spot Assist**.

Active Lane Keeping Assist

Function of Active Lane Keeping Assist

Active Lane Keeping Assist monitors the area in front of your vehicle using the multifunction camera (→ page 212).

It can protect you against unintentionally departing your lane. The system can guide you back into your lane with course-correcting steering intervention, and also warn you with tangible steering wheel feedback.

Active Lane Keeping Assist is available in the speed range between 37 mph (60 km/h) and 124 mph (200 km/h).

The system can intervene if the following conditions are met:

- Active Lane Keeping Assist detects a lane marking.
- You touch this lane marking with one of your front wheels.

If you activate the turn signal indicator, no steering intervention will occur on the corresponding side.

If you leave your lane without activating a turn signal indicator, but danger of a collision with a moving obstacle in your lane is detected, no steering intervention will occur.

Vehicles with Blind Spot Assist or Driving Assistance Package: If the system detects an obstacle, e.g. another vehicle, in the adjacent lane, steering intervention will occur despite the turn signal indicators.



In the following cases, indicator ① will appear on the driver display and a warning tone will sound:


- Steering intervention by Active Lane Keeping Assist lasts longer than approximately ten seconds.
- Two or more steering interventions by the system take place within approximately three minutes, without steering intervention by the driver.

You can set the sensitivity of the system in the Active Lane Keeping Assist settings in order to determine the level of assistance. You can also determine whether the system is to react to


dashed lane markings, or only to solid lane markings (→ page 255).


If ATTENTION ASSIST has detected signs of drowsiness, the most sensitive setting will automatically be selected (→ page 220).


Status indicators of Active Lane Keeping Assist


 **White:** Active Lane Keeping Assist is switched off.

If ESP® is switched off or a tire pressure loss warning is indicated, Active Lane Keeping Assist will automatically be switched off.

 **Yellow:** There is a malfunction. Also note any display messages.

 **Gray:** Active Lane Keeping Assist is switched on but not ready.

 **Green:** Active Lane Keeping Assist is switched on and ready. If the system is ready on only one side, only the lane marking on that side will be shown in green.

 **Red:** Active Lane Keeping Assist has guided you back into your lane with course-correcting steering intervention. If a haptic


warning is also given through the steering wheel, the status indicator will flash. The lane marking on the relevant side will be shown in red.

Vehicles without Driving Assistance Package: If both lane markings are shown in red on the status indicator at the same time, this will mean that Active Lane Keeping Assist has initiated an emergency stop (→ page 234).



Indicator on the [Assistance](#) menu on the driver display

If one of your front wheels moves onto a detected lane marking, this will be highlighted in red on the [Assistance](#) menu on the driver display.

 **Vehicles with active ambient lighting:** If [Warning Support](#) is switched on, the Active Lane Keeping Assist warning will be reinforced by the ambient lighting (→ page 141).

System limits

In the following situations, there may be no course-correcting steering intervention, but a warning may be issued through the steering wheel depending on the situation:

- if you clearly and actively steer, brake or accelerate
- if a driving safety system is intervening, e.g. ESP® or Active Brake Assist
- if you have adopted a sporty driving style with high cornering speeds or high rates of acceleration


The system may be impaired or inoperative in the following situations in particular:

- in poor visibility, e.g. owing to insufficient road illumination, highly variable shadows, rain, snow, fog or heavy spray
- if there is glare, e.g. from oncoming traffic, direct sunlight or reflections
- if there is dirt on the windshield in the vicinity of the multifunction camera, or if the camera is fogged up, damaged or obscured
- if there is dirt on the bumper in the area of the radar sensors, or if they are damaged or obscured
- if there are no lane markings, or several unclear lane markings are present for one lane, e.g. around road work sites
- if the lane markings are worn, dark or covered up
- if the distance to the vehicle in front is too short and the lane markings can therefore not be detected
- if the lane markings change quickly, e.g. lanes branch off, cross one another or merge
- if the lanes are very narrow and winding


Observe the notes on driving systems and your responsibility; you may otherwise fail to recognize potential dangers (→ page 212).

■ Activating/deactivating Active Lane Keeping Assist

Multimedia system:

- ↳  » Settings » Assistance
- » Collision Avoidance
- » Active Lane Keeping Assist


- ▶ Activate or deactivate the function.

Alternatively, Active Lane Keeping Assist can be activated and deactivated via the quick vehicle access .


- ⓘ The settings after the vehicle is started are country-specific.

■ Setting Active Lane Keeping Assist

Multimedia system:

- ↳  » Settings » Assistance
- » Collision Avoidance
- » Active Lane Keeping Assist

Setting the sensitivity

- ▶ Select .
- ▶ Select **Early**, **Med.** or **Late**.

The last setting selected will be applied the next time the vehicle is started.

- ⓘ The standard setting of this function is country-dependent.

Activating/deactivating assistance when lane markings are interrupted

- ▶ Select **Advanced Support**.

The last setting selected will be applied the next time the vehicle is started.

- ⓘ The standard setting of this function is country-dependent.

- ① This function must be activated for vehicles without Driving Assistance Package for Emergency Stop Assist to be available in full measure. Further information on Emergency Stop Assist (→ page 234).

Race track mode

Function of race track mode






- ① This function depends on the vehicle equipment and is not available for all models.

In racetrack mode, driver assistance systems are adjusted for operation on the racetrack.

Racetrack mode may not be used for normal road operation. The function may be activated and used only on dedicated race circuits, not on public roads.

The following functions will be deactivated in race track mode:

- Active Lane Keeping Assist (→ page 253)
- Active Brake Assist (→ page 240)

- ① Racetrack mode is available only in the  drive program and with  or .
- ① When Active Brake Assist and Active Lane Keeping Assist are deactivated, the  and  status lights will appear on the driver's display.

Activating or deactivating race track mode

Multimedia system:

   Settings  Assistance

 Race Track

 Select **Race Track Mode**.

 Activate or deactivate race track mode.

AMG RIDE CONTROL

Function of AMG RIDE CONTROL

AMG RIDE CONTROL 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. undulations
- individual selection of **SPORT**, **SPORT +** or **COMFORT**

The suspension tuning depends on the selected drive program.

In each drive program, you can also select the tuning individually using the AMG steering wheel button (→ page 256). After every change of drive program, automatic suspension tuning is active again.

- ① When the vehicle is started again, the **COMFORT** setting is activated automatically.

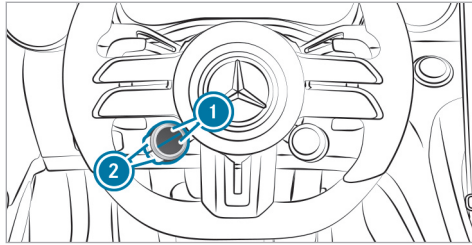
Selecting the suspension setting


- ① You can also adjust the suspension setting via the multimedia system (→ page 183).

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 for a sporty driving style, e.g. on winding country roads.
- **SPORT +** ensures a very firm suspension setting.






▶ Press the upper or lower ① display button repeatedly until it displays the  symbol.

ⓘ If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 178).

▶ Press the corresponding button ②. The selected suspension setting is shown on the driver display as a message.

The  symbol indicates the currently selected mode:

-  (blue): COMFORT
-  (yellow): SPORT
-  (red): SPORT +

AMG ACTIVE RIDE CONTROL

Function of AMG ACTIVE RIDE CONTROL

AMG ACTIVE RIDE CONTROL additionally supplements the functions of AMG RIDE CONTROL with an active roll stabilisation system. The system optimizes both the driving comfort and dynamics of the vehicle by means of a controlled hydraulic connection of the suspension struts. In addition, the roll stabilisation and cornering lean are automatically adapted to the selected drive program.

Suspension setting per drive program

Drive programs  and :

- The handling is dynamic.
- The lean is reduced during cornering.
- There is less of a rocking movement when driving over bumps.

Drive program :

- The lean is significantly reduced during cornering.
- The handling is even more dynamic.

Drive programs  and :

- The lean is even more significantly reduced during cornering.
- The handling is at its most dynamic.

Raising the vehicle level on the front axle

⚠ WARNING Risk of accident because vehicle level is too high

Driving characteristics may be impaired.

The vehicle can drift outwards, for example, when steering or cornering.

- ▶ Choose a vehicle level which is suited to the driving style and the road surface conditions.

⚠ WARNING Risk of becoming trapped due to the vehicle lowering

When lowering the vehicle, other people could become trapped if their limbs are between the vehicle body and the wheels or underneath the vehicle.

- ▶ Make sure nobody is underneath the vehicle or in the immediate vicinity of the wheel arches when you lower the vehicle.

ℹ NOTE Damage due to vehicle lowering

Parts of the body could be damaged when the vehicle is lowered.

- ▶ Make sure that there are no obstacles such as curbs underneath or in the

immediate vicinity of the body when the vehicle is being lowered.

Requirements

- The vehicle is equipped with AMG ACTIVE RIDE CONTROL and an axle lift for the front axle.
- The vehicle has been started.
- The vehicle is not moving faster than 25 mph (40 km/h).

Multimedia system:




Raising the front axle

- ▶ Select . The front axle is raised to a higher level.

The set vehicle level of the front axle is stored.

The front axle is lowered again in the following situations:

- When driving faster than 25 mph (40 km/h).
- By selecting .

Setting GPS-based raising of the vehicle

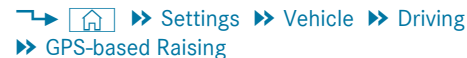
If the function is activated it is possible to save the vehicle position when raising the vehicle level.

- ▶ Confirm the prompt. The position of the vehicle is saved. When the previously stored position is reached again, the vehicle level is raised again.

i Settings of GPS-based raising (→ page 258)


Setting GPS-based raising of the vehicle

Multimedia system:



- ▶ Activate or deactivate the function.

Setting GPS-based raising of the vehicle

- ▶ Select  alongside **GPS-based Raising**.
- ▶ Select **Store Positions on Request** or **Always Save Positions**. To reset the stored positions, select **Delete All Saved Positions**.

RACE START

Information on RACE START

- ① RACE START is available only for the **Mercedes-AMG SL 63 4MATIC+** and **SL 63 S E PERFORMANCE** models or for vehicles with the **AMG DYNAMIC PLUS package**.

RACE START enables optimal vehicle acceleration from a standstill. For this, a suitably high-grip roadway is required, and the tires and vehicle must also be in good condition.

- ① You can use RACE START only after the vehicle has been break in for approximately 1000 miles (1500 km).
- ① RACE START must not be used in normal road operation. RACE START may be activated and used only on dedicated race circuits, not on public roads. Read the safety notes and information on ESP® (→ page 215).

⚠ 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 vehicle is switched on and the transmission and the engine are at normal operating temperature. The temperature indicators on the driver display are white instead of blue.
- The driver's door is closed.
- All vehicle occupants are belted and seated correctly.
- The front wheels are 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 **S**, **S** or  drive programs is selected (→ page 179).

- ▶ Rapidly depress the accelerator pedal fully. The engine speed will increase. The seat belts on the driver's and front passenger seats will be pre-tensioned.

In vehicles with active ambient lighting, a special animation of the ambient light will play.

- ① If the activation conditions are not fulfilled, RACE START cannot be used. The **RACE START Not Possible See Operator's Manual** message will appear on the driver display.
- ▶ The **RACE START Release Brake to Start** message will appear on the driver display.

- ❶ 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 paddle shifters. The segments on the driver display will flicker rapidly.
 - ❷ If the brake pedal is not released after a short while, RACE START will be canceled. The **RACE START Canceled** message will appear on the driver display.
- ▶ Take your foot off the brake, but keep the accelerator pedal depressed. The vehicle will pull away at maximum acceleration. The **RACE START Active** message will appear on the driver display.


RACE START will be deactivated immediately if you release the accelerator pedal during RACE START or if any of the activation conditions is no longer fulfilled. The **RACE START Canceled** message will appear on the driver display.

- ❸ After being used several times in short succession, RACE START will be unavailable until a certain distance has been driven.

Boost effect strategy

Function of the boost strategy

- ❶ The boost strategy is available only for the **Mercedes-AMG SL 63 S E PERFORMANCE** model.

The boost strategy is used to increase performance on a race track and can be selected only in the  drive program.


The boost strategy is part of AMG TRACK PACE and can be activated either via the steering wheel button (→ page 260) or via the settings for Track Race (→ page 319).

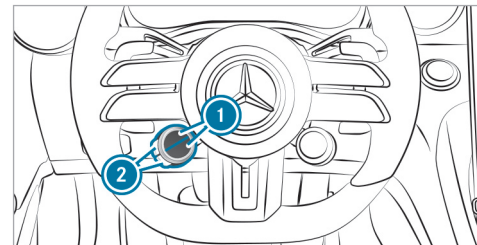
You can set the energy flow and thus the energy supply of the electric drive output depending on the race distance and track characteristics.


For long races, activate the boost strategy to use the maximum boost effect exclusively via kick-down as needed. Deactivate the boost strategy for short races in order to use the maximum electric output at all times.

Activating/deactivating boost strategy with the steering-wheel button

Requirements:

- Drive program  is selected (→ page 179).
 - The state of charge of the high-voltage battery is sufficient.
- ❶ You can also activate or deactivate the boost strategy via the Track Race settings (→ page 319).






- ▶ Press upper or lower display button ❶ repeatedly, until it displays the  symbol.


- ❶ If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 178).
- ❷ If the display is gray out, the requirements for the boost strategy are not fulfilled and it will not be possible to activate it.

▶ Press corresponding button ❷.

The symbol shows the current status:

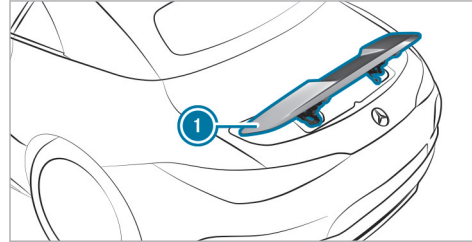
-  (blue): boost strategy is activated
-  (yellow): boost strategy is deactivated

When the boost strategy is activated, the driver's display will also show the  symbol in blue.

When a boost process is active through kick-down, the **BOOST** message will appear on the driver's display and the  symbols on the driver's display and on the display button will light up yellow.

Rear wing

Function of the rear wing



Rear wing ❶ improves the driving stability of the vehicle and thus adapts the aerodynamics of the vehicle to the driving conditions.

Rear wing ❶ extends and retracts to different positions depending on the selected drive program and driving speed. At any time while driving you can manually extend the rear wing to its maximum position, as described in the instructions for cleaning. During driving, it is only possible to manually retract the rear wing as far as the position automatically set by the vehicle.

Manually extending and retracting the rear wing for cleaning (→ page 261).

Extending and retracting the rear wing for cleaning using the steering-wheel button

⚠ WARNING Risk of becoming trapped when you extend and retract the rear wing manually

Parts of the body could become trapped.

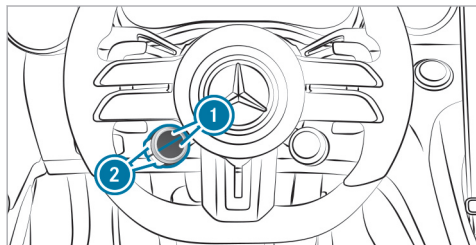
- ▶ Ensure that there is no one in the sweep of the rear wing.
- ▶ If someone does become trapped when the rear wing is extended, press the display switch again immediately. The rear wing will then extend again.


! **NOTE** Damage to the rear wing during washing at an automatic car wash

If the rear wing is extended, it may be damaged if the vehicle is washed at an automatic car wash.

- ▶ Extend the rear wing manually only when washing the vehicle by hand.
- ▶ Before entering an automatic car wash, ensure that the rear wing is retracted.


i You can also extend or retract the rear wing via the multimedia system.




- ▶ Press upper or lower display button **1** repeatedly, until it displays the  symbol.
- i** If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are dis-

played can be set in the multimedia system (→ page 178).

- ▶ **To extend:** press corresponding button **2**.
- ▶ **To retract:** press and hold corresponding button **2**.
The rear wing extends or retracts and the driver display shows a corresponding message.

The  symbol and its color indicate the following positions of the rear wing:

- Rear wing retracted (blue)
- Rear wing extended in various positions (yellow and red)
- Rear wing extended to maximum (red)

The various positions of rear wing  are also shown in the driver display and correspond to those of the display button.

Active aerodynamics profile

Function of the active aerodynamics profile

The active aerodynamics profile is located on the underbody of the front section and, together with the rear wing, optimizes the vehicle's aerodynamics.

Depending on the drive program selected and the driving speed, the active aerodynamics profile will automatically extend or retract.

You can also extend and retract the active aerodynamics profile manually for cleaning (→ page 262).

Extending and retracting the active aerodynamics profile for cleaning using the steering-wheel button

⚠ WARNING Risk of becoming trapped when you manually retract the active aerodynamics profile

Parts of the body could become trapped.

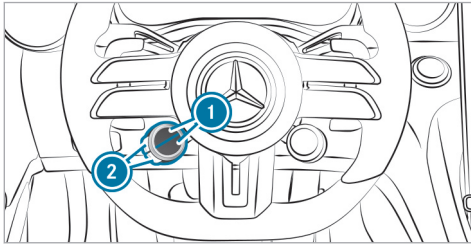
- ▶ Ensure that there is no one in the sweep of the active aerodynamics profile when


you retract the active aerodynamics profile.

- ▶ If someone does become trapped when you retract it, press the display switch again immediately. The active aerodynamics profile will then extend once more.

Requirements

- The transmission has been shifted to the park position **P**.
- The ignition is switched on.




▶ Press upper or lower display button ① repeatedly, until it displays the  symbol.

① If the display button does not show the symbol, then it is hidden. How functions are displayed and the order in which they are displayed can be set in the multimedia system (→ page 178).

▶ **To extend or retract:** press corresponding button ②. Note the restricted ground clearance when the active aerodynamics profile is extended.

The active aerodynamics profile extends or retracts completely.

The  symbol and its color indicate the following positions of the aerodynamics profile:

- Aerodynamics profile retracted (blue)
- Aerodynamics profile extended in different positions (red)
- Aerodynamics profile is extending/retracting or is unable to be manually adjusted while driving (gray)

If you press button ② again during the extension process, the aerodynamics profile will retract once more. If you press button ② again during the retraction process, the aerodynamics profile will extend once more.

① If you pull away with the active aerodynamics profile extended, the active aerodynamics profile will automatically retract. Always note the restricted ground clearance when the active aerodynamics profile is extended.

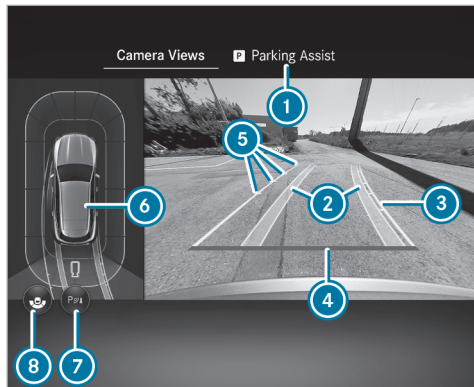
Rear view camera

Function of the rear-view camera

The rear-view camera serves solely as an aid. It is not a substitute for you having to pay attention to your surroundings. The responsibility for safe maneuvering and parking remains with you. Ensure that no persons, animals, objects, etc. are in the maneuvering area while maneuvering and parking.

① The area behind the vehicle is displayed as a mirror image, as it would appear in the inside mirror.

The following camera perspectives are available on the central display:



Menu **Camera Views** (top view)

- ① Menu **Parking Assistance**
- ② Path indicating the route the wheels will take at the current steering angle (dynamic)
- ③ Driven surface depending on the current steering angle (dynamic)

- ④ Guide line at a distance of approximately 1.0 ft (0.3 m) from the rear area
- ⑤ Guide lines at a distance of approximately 1.6 ft (0.5 m), 3.3 ft (1.0 m), 5 ft (1.5 m) and 9.9 ft (3.0 m) from the rear area
- ⑥ Warning display of Parking Assist PARKTRONIC (→ page 270)
- ⑦ Activating/deactivating Parking Assist PARKTRONIC (→ page 273)
- ⑧ Switching between wide-angle view and rear-view camera with top view
- ⑨ When Active Parking Assist is active, the paths ② are displayed in green (→ page 274).



Wide-angle view (example)

- ⑥ Warning display of Parking Assist PARKTRONIC (→ page 270)
- ⑧ Activating/deactivating Parking Assist PARKTRONIC (→ page 273)
- ⑩ Switching between standard view and wide-angle view

System limits

If the system is not ready for operation, the message **System Inoperative** appears on the driver display and/or on the central display.

If a camera perspective is selected and the central display is temporarily black or does not show a camera image, the camera system is also faulty or is not ready for operation.

⚠ WARNING Risk of accident due to functional limitations of the rear-view camera

Functional limitations of the rear-view camera could lead to a risk of collision with persons or objects.

- ▶ Do not use the rear-view camera if its functions are limited.
- ▶ Ensure that no persons, animals, objects, etc. are in the maneuvering area while maneuvering and parking.

The rear-view camera will not function or will function only partially in the following situations:

- You are driving forwards at a speed greater than approximately 10 mph (16 km/h).

- The trunk lid is open.
- The weather conditions are poor, e.g. heavy rain, snow, fog, storm or spray.
- The ambient light is poor, e.g. at night or if a light is shining into the camera.
- The camera lens is obstructed, dirty or fogged up. Observe the notes on cleaning the rear-view camera (→ page 359).
- The camera or rear of your vehicle is damaged. In this case, have the camera, its position and setting checked at a qualified specialist workshop.

The field of vision and other functions of the camera system may be restricted due to additional vehicle attachments (e.g. license plate bracket or bicycle rack).

- ⓘ The contrast of the display may be impaired by direct sunlight or by other light sources, e.g. when driving out of a garage. Particular attention must be afforded in this case.
- ⓘ Have the display repaired or replaced if, for example, its use is considerably restricted due to pixel errors.

Observe also the information on vehicle sensors and cameras (→ page 212).

360° camera

Function of the 360° camera

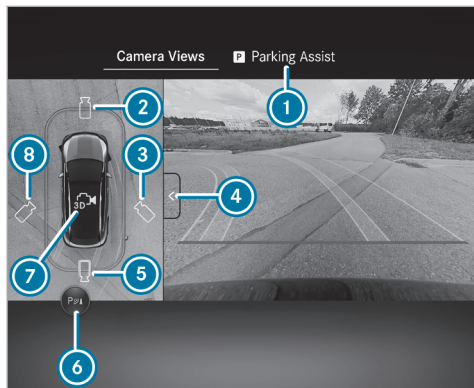
The 360° camera is a system comprising four cameras that cover the immediate vehicle surroundings. The cameras support you, for example, when parking or when exits are difficult to see.

The 360° camera includes the following cameras and evaluates their images:

- Rear view camera
- Front camera
- Two outside mirror cameras

The cameras serve solely as aids and may show a distorted view of obstacles, show them incorrectly or even omit them altogether. They are not a substitute for you having to pay attention to your surroundings. The responsibility for safe maneuvering and parking remains with you. Ensure that no persons, animals, objects, etc. are in the maneuvering area while maneuvering and parking.

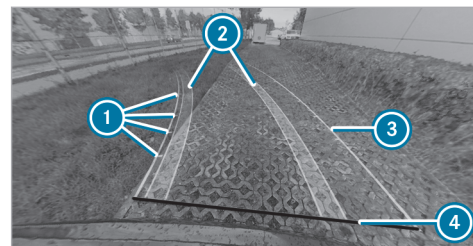
The following camera perspectives are available on the central display:



Overview of **Camera Views** menu (example)

- ① Menu **Parking Assistance**
- ② Image from the front camera
- ③ 3D view right-hand side of the vehicle
- ④ Switching between standard view and wide-angle view

- ⑤ Rear view camera
- ⑥ Activating/deactivating Parking Assist PARKTRONIC (→ page 273)
- ⑦ 3D auto view
- ⑧ 3D view left-hand side of the vehicle
- i The warning display of Parking Assist PARKTRONIC is shown in all views (→ page 270).



Function of the guide lines (example)

- ① Guide lines at a distance of approximately 1.6 ft (0.5 m), 3.3 ft (1.0 m), 5 ft (1.5 m) and 9.9 ft (3.0 m) from the rear area
- ② Path indicating the route the wheels will take at the current steering angle (dynamic)
- ③ Driven surface depending on the current steering angle (dynamic)
- ④ Guide line at a distance of approximately 1.0 ft (0.3 m) from the rear area
- i When Active Parking Assist is active, paths and guide lines are displayed in green instead of yellow (→ page 274).

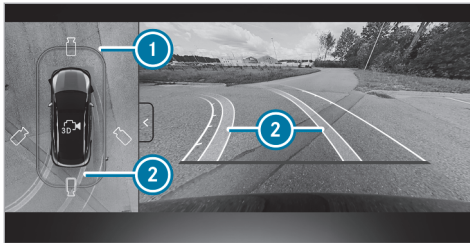


Image from the front camera or rear view camera (example)

- ① Warning display of Parking Assist PARKTRONIC (→ page 270)
- ② Path indicating the current steering angle

⚠ WARNING Risk of accidents due to objects not being displayed or being displayed in a distorted manner

Due to the projection of the cameras, objects in the 3D views may be strongly distorted or not displayed at all.

Make sure that there are no persons, animals or objects etc., in the maneuvering and parking area while maneuvering and parking.



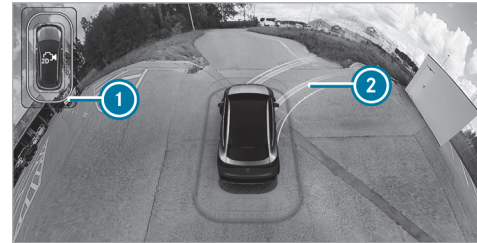
3D view left/right-hand side of the vehicle (example)

- ① Warning display of Parking Assist PARKTRONIC (→ page 270)
- ② Switching between 3D view and 2D view

In the 3D view, left/right-hand side of the vehicle, the virtual camera moves to the respective side of the vehicle. When you change the transmission position, the view is automatically adapted.

- ① Display of the area beneath the vehicle may deviate from the actual circumstances.

- ① The area behind the vehicle is **not** displayed as a conventional mirror image in the 3D views.

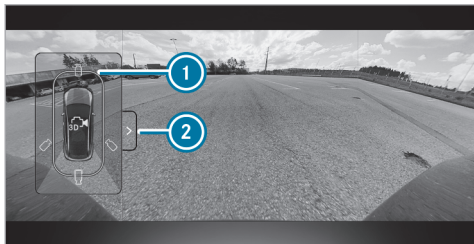


3D auto view (example)

- ① Display of Parking Assist PARKTRONIC (→ page 270)
- ② Guide lines

In the 3D auto view, the virtual camera moves to the standard view, facing forward from the rear above the roof. The view changes automatically when approaching obstacles.

If you touch the touchscreen, the view changes to a 3D view with free rotation. You can turn, tilt and zoom the views by touch.



Wide-angle view (example)

- ① Display of Parking Assist PARKTRONIC (→ page 270)
- ② Switching between standard view and wide-angle view

System limits

If the system is not ready for operation, the **System Inoperative** message appears on the driver display and/or on the central display.

If a camera perspective is selected and the central display is temporarily black or does not show a camera image, the camera system is also faulty or is not ready for operation.

⚠ WARNING Risk of accident due to restrictions in the function of the 360° camera

If the function of the 360° camera is restricted, there is a risk of collision with people or objects.

- ▶ Do not use the 360° camera in the event of function restrictions.
- ▶ Make sure that there are no persons, animals or objects etc., in the maneuvering area while maneuvering and parking.

The 360° camera will not function or will function only partially in the following situations, for example:

- You are driving forwards at a speed greater than approximately 10 mph (16 km/h).
- The doors are open.
- An outside mirror is not completely extended.

- The trunk lid is open.
- The weather conditions are poor, e.g. heavy rain, snow, fog, storm or spray.
- The ambient light is poor, e.g. at night or if a light is shining into the camera.
- The camera lens is obstructed, dirty or fogged up. Refer to the notes on cleaning the 360° camera (→ page 359).
- If 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.

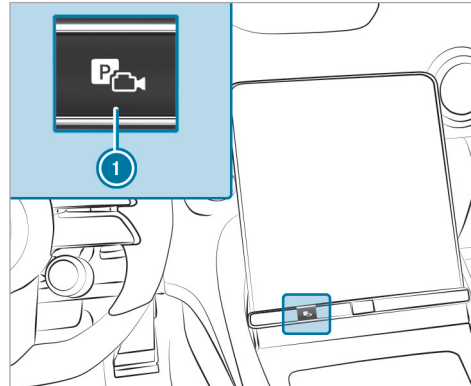
For technical reasons, the standard height of the vehicle may be altered if the vehicle is carrying a heavy load and can result in inaccuracies in the guide lines and in the display of generated images.

The field of vision and other functions of the camera system may be restricted due to additional vehicle attachments (e.g. license plate bracket or bicycle rack).

- ❗ Contrast of the display may be impaired by abrupt direct sunlight or other light sources, e.g. when driving out of a garage. Particular attention must be afforded in this case.
- ❗ Have the display repaired or replaced if, for example, its use is considerably restricted due to pixel errors.

Observe also the information on vehicle sensors and cameras (→ page 212).

Calling up the 360° camera views using the button



- ▶ Press button ①.
- ▶ Select **Camera Views** menu.
- ▶ Select the desired view in the multimedia system (→ page 265).

Selecting a view for the 360° camera (reverse gear)

- ▶ Engage reverse gear.
- ▶ Select the desired view in the multimedia system (→ page 265).

Managing 360° camera with GPS-activation positions


Multimedia system:

- ▶ ▶ Settings ▶ Assistance
- ▶ Camera

Renaming an activation position


- ❗ You can determine activation positions in the **Camera Views** menu (→ page 265).
- ▶ Select for the desired activation position.
- ▶ Select **Edit**.
- ▶ Enter a name and confirm.
The activation position is stored under the new name.

Deleting an activation position

- ▶ Select  for the desired activation position.
- ▶ Select **Delete Entry**.
- ▶ Confirm the prompt.
The activation position is deleted.

Opening the camera cover

Multimedia system:

-  ▶ **Settings** ▶ **Assistance**
- ▶ **Camera**
- ▶ Select **Open Camera Cover**.

- ⓘ The camera cover closes automatically after some time, or after the vehicle is switched on or off.

Parking Assist PARKTRONIC

Function of Parking Assist PARKTRONIC

Parking Assist PARKTRONIC is an electronic parking assistance system that monitors the area surrounding your vehicle. The distance between your

vehicle and a detected obstacle is displayed visually and acoustically.

The passive side impact protection also warns you of obstacles to the side. These must be detected beforehand by the sensors in the front or rear bumper while you are driving past them. If you steer in the direction of a detected obstacle and there is a risk of a lateral collision, a warning is issued.

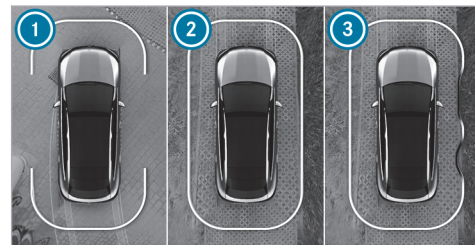
Passive side impact protection can be activated and deactivated via the multimedia system (→ page 273).

In order that front or rear obstacles to the side can be displayed, the vehicle must first travel a distance of at least half a vehicle length. Once the vehicle has traveled a distance of one vehicle length, obstacles on all sides can be shown.

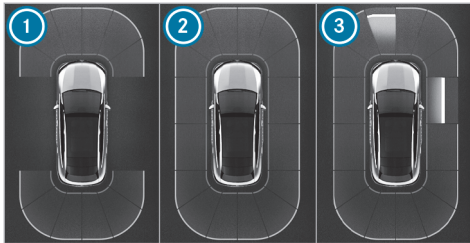
Parking Assist PARKTRONIC serves solely as an aid. It is not a substitute for you having to pay attention to your surroundings. The responsibility for safe maneuvering, parking and exiting parking spaces remains with you. Ensure that no persons, animals, objects, etc. are in the maneuvering area

while maneuvering and parking in/exiting parking spaces.

Displays on the central display



Example: vehicles with 360° camera



Example: vehicles with rear-view camera

- ① Ready for display at the front and rear
- ② Ready for display all around
- ③ Ready for display all around and obstacles detected

As soon as Parking Assist PARKTRONIC is ready for display, the respective areas ① to ③ of the display are shown in blue.

The color of the display changes depending on the distance to the detected obstacle:

- **Blue:** > 3.3 ft (1 m) (no obstacles detected)
- **Yellow:** approximately 3.3 ft (1 m) - 2.3 ft (0.7 m)

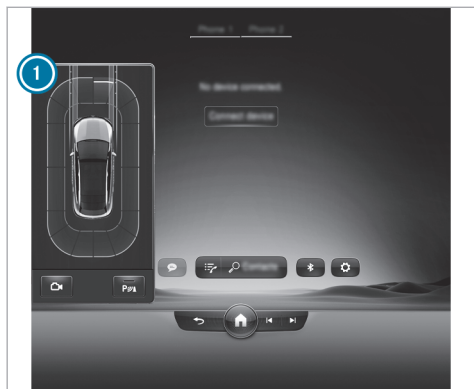
- **Orange:** approximately 2.3 ft (0.7 m) - 1.3 ft (0.4 m)
- **Red:** < 1.3 ft (0.4 m)

Vehicles with 360° camera: the boundary line shifts dynamically depending on the position and distance of the obstacles detected.

An intermittent warning tone also sounds depending on the distance to the obstacle detected. You can set the timing of the warnings in the multimedia system. In the **Warn Early** setting, the system warns you from a distance of 3.3 ft (1 m). In the standard setting, from a shorter distance of 1.3 ft (0.4 m).



Example: vehicles with 360° camera

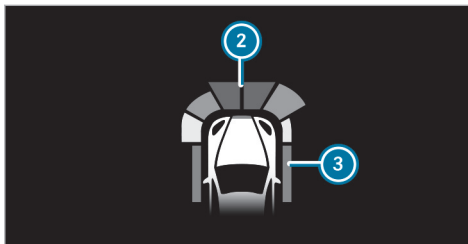


Example: vehicles with rear-view camera

If you are not in the [Camera & Parking](#) menu and an obstacle in the vehicle's path is detected, a pop-up window ① appears on the central display if the following requirements are met:

- **Vehicles without Active Parking Assist:** when you are driving no faster than 8 mph (12 km/h).

- **Vehicles with Active Parking Assist:** when you are driving no faster than 11 mph (18 km/h).



Head-up display (example)

Optionally, obstacles detected by Parking Assist PARKTRONIC from a distance of approximately 3.3 ft (1.0 m) in front ② and 2.3 ft (0.7 m) at the sides ③ can also be displayed on the head-up display.

System limits

Parking Assist PARKTRONIC does not necessarily take into account the following obstacles:

- Obstacles below the detection range, e.g. persons, animals or objects
- Obstacles above the detection range, e.g. protruding loads, overhangs or loading ramps of trucks
- Pedestrians or animals approaching the vehicle from the side
- Objects placed next to the vehicle

Obstacles on the sides are not shown in the following situations, for example:

- You park the vehicle and switch it off.
- You open the doors.

After the vehicle is restarted, obstacles must be detected again by driving past them before a new warning can be issued.


Observe also the system limits of the following systems:

- Rear-view camera (→ page 263)

- 360° camera (→ page 265)

Observe the information on vehicle sensors and cameras; otherwise the system cannot function properly (→ page 212).

Problems with Parking Assist PARKTRONIC

If the Parking Assist PARKTRONIC display lights up red for approximately three seconds and then goes out, and the  symbol appears on the driver display, the system may have been deactivated due to signal interference. Start the vehicle again and check whether Parking Assist PARKTRONIC works in a different location.

If a warning tone also sounds, the causes may be as follows:

- **The sensors are dirty:** clean the sensors (→ page 359).
- **Parking Assist PARKTRONIC has been deactivated due to a malfunction:** restart the vehicle. If the problem persists, consult a qualified specialist workshop.


Activating/deactivating Parking Assist PARKTRONIC


NOTE Vehicle damage during parking or maneuvering due to objects at close range

Parking Assist PARKTRONIC may not detect certain objects close to the vehicle.

- ▶ When parking or maneuvering, look out in particular for objects that are underneath or above the sensors, e.g. flower pots or drawbars. Otherwise, the vehicle or other objects could be damaged.

Requirements

- The camera menu is open.
- Or: the Parking Assist PARKTRONIC pop-up window is displayed.
- ▶ Tap  on the central display.

If the indicator lamp is lit, Parking Assist PARKTRONIC is active. If the indicator lamp does not light up or the  symbol is displayed, Parking Assist PARKTRONIC is not active.

- ① Parking Assist PARKTRONIC will be activated automatically when the vehicle is started.

Alternatively, Parking Assist PARKTRONIC can be activated or deactivated on the quick-access menu.

Setting the warning tones of Parking Assist PARKTRONIC

Multimedia system:

- ▶  ▶ Settings ▶ Assistance
- ▶ ▶ Parking ▶ PARKTRONIC

Setting warning tones

- ▶ Select **Set Warning Tones**.
- ▶ Set the desired level under **Volume** or **Tone Pitch**.

Activating/deactivating audio fadeout

- ▶ Select **Audio Fadeout** and activate or deactivate **Audio Fade for Warnings**.
The volume of the media source currently playing is reduced when a warning tone sounds in Parking Assist PARKTRONIC.

or

- ▶ Select **Audio Fadeout** and switch **Audio Fadeout When in R** on or off.
The volume of the media source currently playing is reduced when reverse gear is engaged.

Setting warning timing

- ▶ Select **Time of Warning**.
- ▶ Set the desired warning time for **Front** or **Rear**.
- ▶ Activate or deactivate **Side Warning**.

Active Parking Assist

Function of Active Parking Assist

Active Parking Assist is an electronic parking assistance system that uses ultrasound with the assistance of the rear-view camera or 360° camera. When you are driving forwards up to approximately 22 mph (35 km/h), the system automatically measures parking spaces on both sides of the vehicle.

Active Parking Assist serves solely as an aid. It is not a substitute for you having to pay attention to

your surroundings. The responsibility for safe maneuvering, parking and exiting parking spaces remains with you. Ensure that no persons, animals, objects, etc. are in the vehicle's path.

Active Parking Assist offers the following functions:

Vehicles with rear-view camera

- Parking in parking spaces parallel to the roadway
- Backing up into parking spaces perpendicular to the roadway



The parking space is freely selectable. The parking procedure is executed with the vehicle backing up.

Vehicles with 360° camera


- Parking in parking spaces parallel to the roadway
- Parking in parking spaces perpendicular to the roadway (either forwards or backing up as desired)

- Parking in parking spaces that can be detected as such only from markings (foreexample at the roadside)
- Exiting parking spaces if you have parked using Active Parking Assist



The parking space is freely selectable. The parking direction (forwards or backing up) can also be freely selected, depending on the orientation of the parking space.

If Active Parking Assist is available, the notification  appears on the driver display. When the system detects parking spaces, the notification  appears. The arrows show the side of the roadway on which free parking spaces are located. These are then shown on the central display.

When Active Parking Assist is activated, the turn signal indicators are activated based on the calculated path of your vehicle. The parking and unparking procedures are assisted by acceleration, braking, steering and gear changes.

To start the parking procedure, press the button  (→ page 276) or go to the navigation view (e.g. when near the destination) and select **Active Parking Assist** (→ page 296).

Active Parking Assist will be canceled in the following situations:

- You press the button  again.
- You begin steering.
- You select the park position .
- You engage the electric parking brake.
- ESP® intervenes.
- You open the driver's door.

System limits

If the exterior lighting is malfunctioning, Active Parking Assist is not available.

Observe also the system limits of the following systems:

- Rear-view camera (→ page 263)
- 360° camera (→ page 265)

Objects above or below the detection range of Active Parking Assist, e.g. protruding loads, overhangs or loading ramps of trucks or parking space boundaries are not detected when measuring the parking space. These are also not subsequently taken into account when calculating the parking

procedure. In some circumstances, Active Parking Assist may therefore prematurely guide you into the parking space or brake too late.

Certain environmental conditions, such as snowfall or heavy rain, may lead to a parking space being mismeasured. Parking spaces that are partially occupied by trailer drawbars might not be identified as such or may be measured incorrectly. Use Active Parking Assist only on level road surfaces with adequate grip.

⚠ WARNING Risk of accident due to objects located above or below the detection range of Active Parking Assist

If there are objects above or below the detection range, the following situations may arise:

- Active Parking Assist may steer too early.
- The vehicle may not stop in front of these objects.

There is a danger of collision!

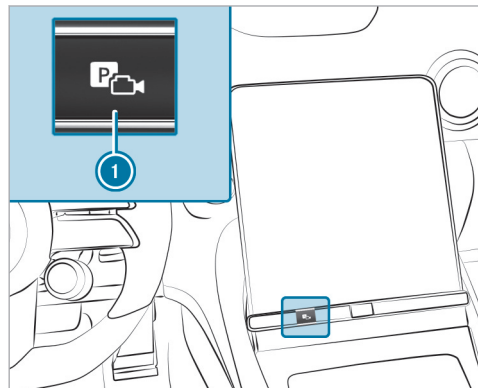
- ▶ In these situations, do not use Active Parking Assist.

Active Parking Assist can also display unsuitable parking spaces, e.g. parking spaces in which parking is not permitted or on unsuitable surfaces.

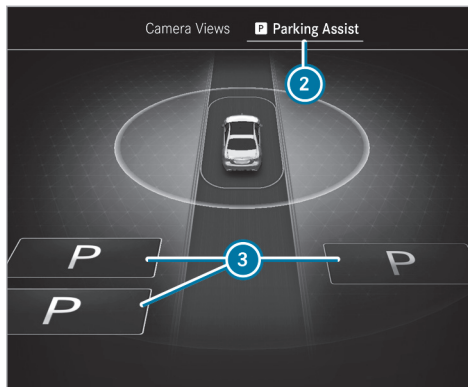
Do not use Active Parking Assist in the following situations, for example:

- In extreme weather conditions, such as ice, packed snow or in heavy rain.
- When transporting a load that protrudes beyond the vehicle.
- If the parking space is on a steep downhill or uphill gradient.
- When snow chains are installed.
- Directly after a tire change or when spare tires are installed.
- If the tire pressure is too low or too high.
- On steep downhill gradients of more than approximately 15 %.
- If the vehicle level has been offset, e.g. mounting the curb on one side (vehicles with level control).

Parking with Active Parking Assist



- ▶ Press the button ①.

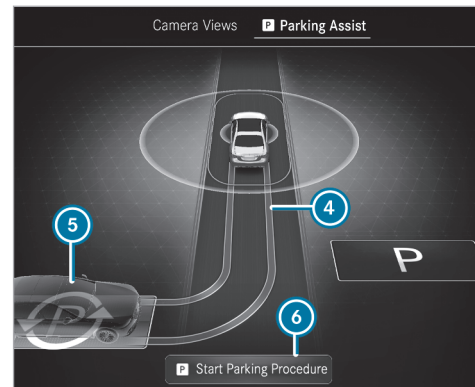


Parking Assist menu (example for left-hand side of the screen)

- ▶ Select the menu **Parking Assistance** ②.

Parking spaces ③ detected by the system are shown on the central display.

At speeds greater than approximately 10 mph (16 km/h), the camera perspective on the right-hand side of the screen switches off.



Parking Assist menu (example)

When the vehicle is at a standstill, the indicated vehicle path ④ into the currently selected parking space ⑤ also appears.

- ▶ If a parking space is displayed: stop the vehicle.
- ▶ If necessary, select another parking space.

- ▶ **Vehicles with 360° camera:** to change the parking direction, tap the selected parking space again.
- ▶ **To start the parking procedure:** press the button ① again.

or

- ▶ Depress the brake pedal and select **Start Parking Procedure** ⑥ (depending on the respective vehicle equipment).
 - ▶ Take your hands off the steering wheel. The vehicle drives into the selected parking space.
- The duration of the parking procedure is indicated by a progress bar.

The turn signal indicator is switched on automatically when the parking procedure begins. You are responsible for selecting the turn signal indicator in accordance with the traffic conditions. If necessary, select the turn signal indicator accordingly.

⚠ WARNING Risk of accident due to vehicle swinging out while parking or pulling out of a parking space

While parking or exiting a parking space, the vehicle swings out and can drive onto areas of the oncoming lane.

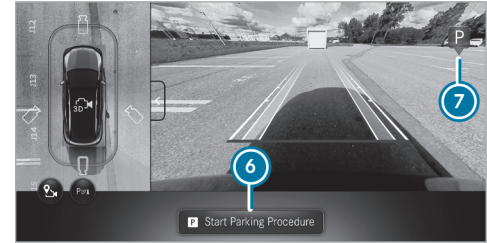
This could cause you to collide with objects or other road users.

- ▶ Pay attention to objects and other road users.
- ▶ Where necessary, stop the vehicle or cancel the parking procedure with Active Parking Assist.

Following completion of the parking procedure, the **Active Parking Assist Finished** message appears.

- ▶ Secure the vehicle against rolling away. When necessitated by legal requirements or local conditions: turn the wheels towards the curb.
- ① You can stop the vehicle and change the transmission position during the parking procedure. The system then calculates a new

vehicle path. If no new vehicle path is available, the transmission position can be changed again, or the process can be canceled.



Immediate parking via the **Camera Views** menu

- ▶ Select the **Camera Views** menu.
- ▶ When the vehicle is stationary and in transmission position **R**, and the symbol ⑦ appears in the camera image: press the button ① again.

or

- ▶ Depress the brake pedal and select **Start Parking Procedure** ⑥ (depending on the respective vehicle equipment). The parking procedure is initiated for the detected parking space.

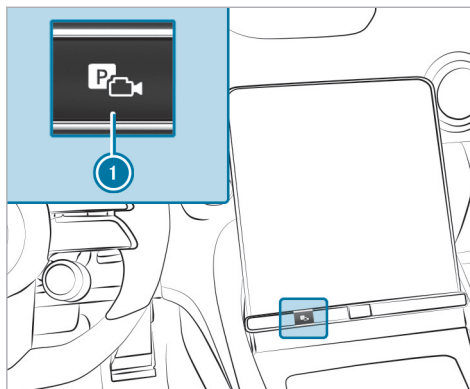
① The parking space and parking direction cannot be changed in immediate parking.

Exiting a parking space with Active Parking Assist

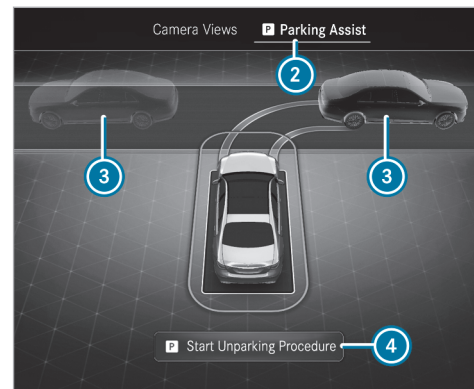
Requirements:

- The vehicle is equipped with a 360° camera.
- The vehicle has been parked with Active Parking Assist.

- ▶ Start the vehicle.




- ▶ Press button ①.




Parking Assist menu (example for left side of the screen)

- ▶ Select the menu **Parking Assistance** ②.
- ▶ If necessary, change the direction of exit ③.
- ▶ **To initiate the unparking procedure:** press the button ① again.

or

- ▶ Depress the brake pedal and select **Start Unparking Procedure**  (depending on the respective vehicle equipment).
- ▶ If necessary, change the transmission position. Observe any messages displayed on the driver display and central display. The vehicle moves out of the parking space. The duration of the unparking procedure is indicated by a progress bar.

The turn signal indicator is automatically switched on when the unparking procedure is initiated, and automatically switched off again when it is completed. You are responsible for selecting the turn signal indicator in accordance with the traffic conditions. If necessary, select the turn signal indicator accordingly.

After the parking space has been exited, a warning tone and the  **Active Parking Assist Finished: Take Control of Vehicle** message prompt you to take control of the vehicle. You have to accelerate, brake, steer and change gear yourself again.

If you do not react to the prompt to take control of the vehicle, the system will brake the vehicle to a standstill.

■ Pausing Active Parking Assist

You can interrupt the parking or unparking procedure of Active Parking Assist by performing one of the following actions, for example:

- ▶ Depress the brake pedal.
- ▶ Open the front passenger door, the trunk or the hood.
- ▶ Apply the electric parking brake or activate the HOLD function.
- ▶ **To resume the parking or unparking procedure:** gently depress the accelerator pedal.

- ⓘ If the electric parking brake was applied before Active Parking Assist was activated, depress the accelerator pedal gently to start the parking or unparking procedure.

Check the area around your vehicle again before resuming a paused parking procedure. Ensure that persons, animals or objects are no longer in the maneuvering range. Observe also the system limits of Active Parking Assist.

■ Automatic braking function of Active Parking Assist

Persons or objects detected in the vehicle's path may trigger a sudden braking action, which will in turn halt the parking or unparking procedure. The vehicle will then remain at a standstill. The parking or unparking procedure is resumed if you depress the accelerator pedal.

Check the area around your vehicle again before resuming the parking or unparking procedure. Ensure once again that no persons, animals or objects are in the vehicle's path. Observe also the system limits of Active Parking Assist.

Maneuvering assistance

■ Function of Drive Away Assist

Drive Away Assist can reduce the severity of an impact when pulling away. If the system detects an obstacle in the direction of travel, the vehicle's speed is briefly restricted to approximately 1 mph (2 km/h).


A risk of collision may arise in the following situations, for example:



- If the driver mixes up the accelerator and brake pedals.
- If the driver engages an incorrect gear.
- If the driver depresses the accelerator pedal with too much force.

Drive Away Assist is active under the following conditions:


- If the vehicle was stationary and the transmission position was changed to **R** or **D**.
- If the vehicle has rolled less than approximately 3.3 ft (1.0 m) since coming to a standstill.
- If the detected obstacle is less than approx. 3.3 ft (1.0 m) away.

The **Drive-away Assist** can be deactivated or activated in the **Maneuvering Assistance** menu (→ page 282).

If a critical situation is detected, the  symbol appears in red in the selected view in the **Camera & Parking** menu.

-  If Drive Away Assist is not available, the  will symbol appear in gray. If the **Camera & Parking** menu is not open in the central display, the symbol appears together with the Parking Assist PARKTRONIC pop-up.

Drive Away Assist serves solely as an aid. It is not a substitute for you having to pay attention to your surroundings. Responsibility for safe maneuvering, parking and exiting parking spaces remains with you. Ensure that no persons, animals, objects, etc. are in the maneuvering range.

 **WARNING** Risk of accident caused by limited detection performance of Drive Away Assist

Drive Away Assist cannot always clearly identify objects and traffic situations.

- ▶ Always pay careful attention to the traffic situation; do not rely on Drive Away Assist alone.
- ▶ Be prepared to brake or swerve as necessary, provided the traffic situation permits and that it is safe to take evasive action.

System limits

The system limits of Active Parking Assist apply (→ page 274).

On uphill gradients, the performance of Drive Away Assist is limited.


Function of cross traffic warning

The cross traffic warning can warn you of crossing traffic when exiting a parking space. The radar sensors in the bumper also monitor the area adjacent to the vehicle.

The cross traffic warning is active under the following conditions:

- **Warning for Cross Traffic, Rear:** The vehicle is driving in reverse at a speed slower than approx. 6 mph (10 km/h).
- **Warning for Cross Traffic, Front:** The vehicle is driving forwards at a speed slower than approx. 6 mph (10 km/h) and the camera image is shown on the central display (→ page 269).

The **Warning for Cross Traffic, Front** can be deactivated or activated in the **Maneuvering Assistance** menu (→ page 282).

If a critical situation is detected, the symbol  appears in red in the selected view in the **Camera & Parking** menu.

Warning for Cross Traffic, Rear

- The vehicle can be braked automatically when crossing traffic is detected.
- If the **Camera & Parking** menu is not opened and a critical situation is detected, a warning appears on the central display together with the Parking Assist PARKTRONIC pop-up.

Warning for Cross Traffic, Front

- If Active Parking Assist is active, the vehicle can be braked automatically when crossing traffic is detected.
- A warning appears if Active Parking Assist is not active, but the **Camera & Parking** menu is open.
- If the **Camera & Parking** menu is not open, the system cannot react to crossing traffic.

The cross traffic warning serves solely as an aid, and is not a substitute for you paying attention to your surroundings. The responsibility for safe


maneuvering, parking and exiting parking spaces remains with you. Ensure that no persons, animals, objects, etc. are in the vehicle's path.

⚠ WARNING Risk of accident caused by limited detection performance of the cross traffic warning

The cross traffic warning cannot always clearly identify objects and traffic situations.

- ▶ Always pay careful attention to the traffic situation; do not rely on the cross traffic warning alone.
- ▶ Be prepared to brake or swerve as necessary, provided the traffic situation permits and that it is safe to take evasive action.

System limits

- ⓘ If the cross traffic warning is not available, the  symbol appears in gray.

The system limits of Active Parking Assist apply (→ page 274).

If the radar sensors are obstructed by vehicles or other objects, detection is not possible.

In the following situations, the cross traffic warning is not available:

- on uphill gradients


Function of close-range braking



Close-range braking can prevent collisions with pedestrians when the vehicle is backing up at slow speeds. If the rear-view camera detects a person in the vehicle's path, the vehicle can be braked to a standstill.

Close-range braking can intervene under the following conditions:


- The vehicle is backing up at a speed slower than 6 mph (10 km/h).
- The camera image is shown on the central display (→ page 269).

Depending on the respective country, close-range braking can be deactivated or activated in the **Maneuvering Assistance** menu (→ page 282).

When close-range braking is triggered, the symbol  appears in red in the selected view in the **Camera & Parking** menu.


 If close-range braking is not available, the symbol  appears in gray.


Close-range braking serves solely as an aid. It is not a substitute for you having to pay attention to your surroundings. The responsibility for safe maneuvering, parking and exiting parking spaces remains with you. Ensure that no persons, animals, objects, etc. are in the vehicle's path.

 **WARNING** Risk of accident caused by limited detection by the maneuvering brake function

The maneuvering brake function cannot always clearly detect people. Other obstacles are not detected by the function.

In these cases, the function may brake unnecessarily or not brake at all.

 Always pay careful attention to the traffic situation; do not rely on the maneuvering brake function alone.

 Be ready to brake.

System limits

Observe the system limits of the following functions:

- Active Parking Assist (→ page 274)
- 360° camera (→ page 265)
- Rear-view camera (→ page 263)

The close-range braking function is not available in the following situations:



- on uphill gradients

■ Activating/deactivating the maneuvering assistant


Multimedia system:

  **Settings**  **Assistance**

 **Parking**

-  This function is an on-demand feature (→ page 26).
-  The Activating/deactivating maneuvering assistant function is not available in all countries.

 Select **Maneuvering Assistance**.

 Activate or deactivate the desired maneuvering assistant.

Memory Parking Assist

■ Function of Memory Parking Assist

Memory Parking Assist can park your vehicle using a previously stored parking space. You can store parking procedures with a total distance of up to 550 yds (500 m) (110 yds (100 m) per parking or unparking procedure).

During parking or unparking, the system can travel a previously stored distance of up to approximately 110 yds (100 m) to or out of the desired parking space, for example, from the driveway entrance into the garage.

Within a radius of approx. 165 yds (150 m), only one parking or unparking procedure can be recorded.

Use Memory Parking Assist only on private property. Use on public roads, e.g. in public parking spaces, is not permitted.

Memory Parking Assist serves solely as an aid. It is not a substitute for you having to pay attention to your surroundings. The responsibility for safe maneuvering, parking and exiting parking spaces remains with you. Ensure that no persons, animals or objects etc. are in the vehicle's path.

System limits

Observe the system limits of Active Parking Assist (→ page 274).

⚠ WARNING Risk of accident due to objects located above or below the detection range of Memory Parking Assist

If there are objects above or below the detection range, the following situations may arise:

- Memory Parking Assist may steer too early.
- The vehicle may not stop in front of these objects.

This result in a collision.

- ▶ In these situations, do not use Memory Parking Assist.

Objects located above or below the detection range of Memory Parking Assist may not be detected during the parking procedure.

Drawbars of parked trailers that protrude into the parking space, for example, may not be detected.

Do not use Memory Parking Assist in the following situations, for example:

- In extreme weather conditions, such as ice, packed snow or in heavy rain.
- When transporting a load that protrudes beyond the vehicle.
- If the parking space is on a steep downhill or uphill gradient.
- When snow chains are installed.

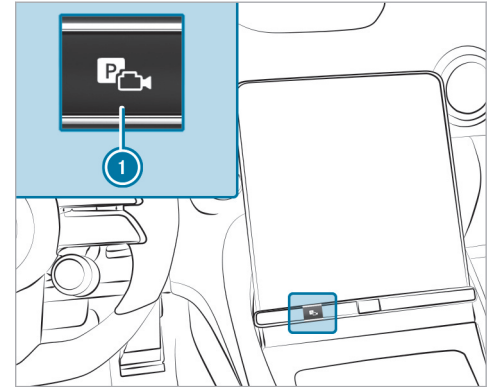
■ Recording a parking procedure using Memory Parking Assist

Requirements:

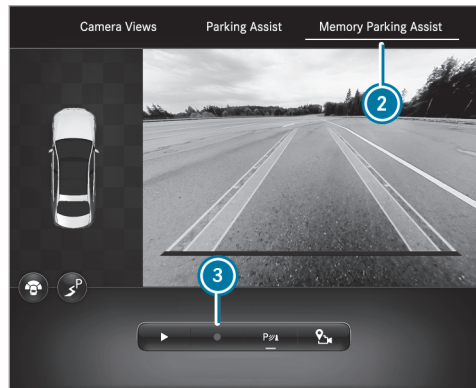
- There are no public roads included within the travel route, e.g. entirely within your own property.
- The system needs reference points in the surroundings to orient itself, such as fences, walls

or trees. A certain distance must therefore be driven after starting the vehicle. If insufficient reference points are detected in the surrounding area, no new route can be recorded.

- Sufficient distance is maintained between the vehicle and surrounding objects as the parking procedure is being recorded.



- ▶ Press the button ①. The **Camera & Parking** view opens on the central display.



- ▶ Select the menu **Memory Parking Assist** ②.
- ▶ Brake the vehicle to a standstill at the desired starting point of the assisted parking procedure, e.g. a driveway entrance.
- ▶ **To start recording:** tap ③.

- ① If not all conditions for a recording are met, the symbol ③ is grayed out.
- ▶ To start the recording, press the button ①.
- ▶ Park the vehicle in the desired parking space. Do not exceed a speed of 5 mph (8 km/h).
- ▶ **To stop recording:** stop the vehicle and tap ③ again. The recording is stored.

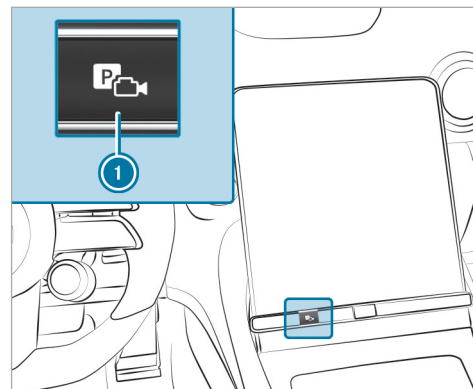
It is also possible to record the unparking procedure using the same method with Memory Parking Assist. Refer to the information on the central display.

- ① In the Memory Parking Assist settings you can delete and rename stored parking procedures.

■ Parking with Memory Parking Assist


Requirements:

- A parking procedure has been recorded.



- ▶ Press the button ①. The **Camera & Parking** view opens on the central display.



- ▶ Select the **Memory Parking Assist** ② menu.
- ▶ Brake the vehicle to a standstill at the starting point of the stored parking procedure.
- ▶ **To start the parking procedure:** press .
- ▶ Select the stored parking procedure from the list.

▶ Follow the instructions on the central display. The vehicle drives into the selected parking space.

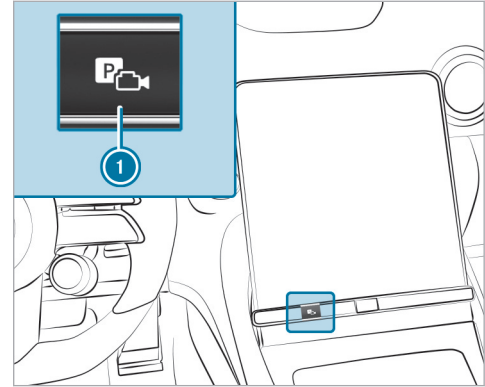
- ① The turn signal indicator is not switched on automatically. You are responsible for selecting the turn signal indicator in accordance with the traffic conditions.
- ▶ Following completion of the parking procedure, secure the vehicle against rolling away.

Exiting a parking space with Memory Parking Assist

Requirements:

- The unparking procedure was recorded together with the corresponding parking procedure and stored separately, without switching off the vehicle in between.
- The vehicle was parked using Memory Parking Assist.

Alternatively, manually position the vehicle at the starting point of the recorded unparking procedure.





- ▶ Press the button ①. The **Camera & Parking** view opens on the central display.



- ▶ Select the menu **Memory Parking Assist** .

Starting the unparking procedure

- ▶ Press .
- ▶ Confirm the saved unparking procedure.
- ▶ Follow the instructions on the central display. The vehicle drives the recorded route.

 The turn signal indicator is not switched on automatically. You are responsible for selecting the turn signal indicator in accordance with the traffic conditions.


- ▶ Take control of the vehicle after the unparking procedure has been completed.

Setting Memory Parking Assist


Multimedia system:

- ▶   **Settings**  **Assistance**
- ▶  **Parking**  **Memory Parking Assist**

Renaming a recording

- ▶ Select **Memory Parking Assist**.
- ▶ Select  next to the desired recording.
- ▶ Enter a name and confirm with **OK**.


Deleting a recording

- ▶ Select **Memory Parking Assist**.
- ▶ Select  next to the desired recording. The selected recording will be deleted.

Deleting all recordings

- ▶ Select **Memory Parking Assist**.

- ▶ Select **Delete All Tracks**.

 Alternatively, you can delete all data in Memory Parking Assist by resetting the multimedia system (→ page 315).

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 systems may result in damage to 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.

Observe the following information:

- Permitted towing methods (→ page 379)
- **Mercedes-AMG E Performance:** permitted towing methods (→ page 379)
- The notes on towing the vehicle with both axles on the ground (→ page 379)

Notes on the driver display

⚠ WARNING Risk of accident if the driver display malfunctions

if the driver display is inoperative or its functions are restricted, you will not receive information about such issues as other function restrictions, speed, current drive range and the status of the electric parking brake.

This will impair operating safety.

- ▶ Stop the vehicle immediately in accordance with the traffic conditions and switch it off. Do not continue driving.
- ▶ Consult a qualified specialist workshop.
- ▶ Have the vehicle transported rather than towed.

If the operating safety of your vehicle is impaired, park the vehicle immediately and safely. Contact a qualified specialist workshop.

The driver display shows the following basic information:

- Speed and engine speed

- Fuel level and coolant temperature
- Indicator and warning lamps

Additional functions available include the following:

- Various menus, such as **Assistance** and **Navigation**
- Status displays for the driving systems
- Display messages
- Information on speed, **Consumption** and **Range**
- Power meter level and state of charge of the high-voltage battery
- Indicator and warning lamps

Some menu content and settings can be changed.

Driver display malfunction

⚠ WARNING Risk of accident if the driver display malfunctions

if the driver display is inoperative or its functions are restricted, you will not receive information about such issues as other function restrictions, speed, current drive range and the status of the electric parking brake.

This will impair operating safety.

- ▶ Stop the vehicle immediately in accordance with the traffic conditions and switch it off. Do not continue driving.
- ▶ Consult a qualified specialist workshop.
- ▶ Have the vehicle transported rather than towed.

Identifying a driver display malfunction

A driver display malfunction can be identified by characteristics such as the following:

- When the vehicle is switched on, the driver display continues to show nothing but a black screen.

- The driver display restarts.
- The content freezes.
- The display stops showing data such as speed. Various indicator and warning lamps are also displayed.

What to do in the event of a driver display malfunction

If the driver display is inoperative or its functions are restricted, stop the vehicle immediately in accordance with the traffic conditions and switch it off. The following procedure is recommended in this eventuality:

- ▶ Stop the vehicle in accordance with the traffic conditions.
- ▶ While the vehicle is stationary, continue to hold the brake pedal down.
- ▶ Press the **P** button on the DIRECT SELECT lever.
- ▶ Apply the parking brake.
- ▶ Slowly release the brake pedal and make sure that the vehicle is secured against rolling away.

- ▶ Press and hold the start/stop button (→ page 203) once for roughly three seconds to switch off the drive system.
 - ▶ Contact a qualified specialist workshop immediately.
 - ▶ Have the vehicle transported rather than towed.
- i** In addition, note the additional information about switching off the vehicle (→ page 203) and the notes on transporting the vehicle (→ page 381).

Operating the driver display

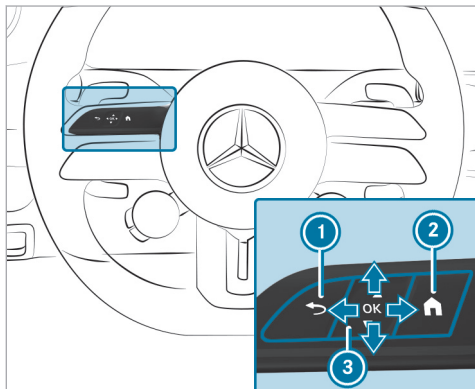
⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information systems and communication devices integrated in the vehicle when driving, you could 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.

Observe the legal requirements for the country in which you are currently driving when operating the driver display.

Scrolling on the menu bar



- ① Back button
- ② Main menu
- ③ Touch Control

The controls on the left of the steering wheel manage the content of the driver display. Swipe with your finger on Touch Control ③ to navigate

vertically or horizontally through the content. Press the Touch Control to confirm your selection.

- ① To operate Touch Control ③ in the most effective way, use the tip of your thumb if possible. You can also set the sensitivity of the Touch Control on the central display.
- ▶ Briefly press main menu button ②.
- ▶ Select a menu by swiping to the left or right on Touch Control ③.
- ▶ **To confirm:** press Touch Control ③.

Driver display menus

Notes on menus on the driver display

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information systems and communication devices integrated in the vehicle when driving, you could 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.

Observe the legal requirements for the country in which you are currently driving when operating the driver display.

The following menus can be called up via the menu bar on the driver display:

- Understated
- Sport
- Classic
- Navigation
- Assistance
- Service
- Supersport
- TRACK PACE

On some of these menus, you can choose from a range of information for the center display content.

On most of the menus, you can use **Options** to configure further settings for the menu-specific display content.

You can find further information about the possible settings and selections on the menus in the Digital Operator's Manual.

Head-up Display

Function of the head-up display

The head-up display projects various content into the driver's field of vision, for example.

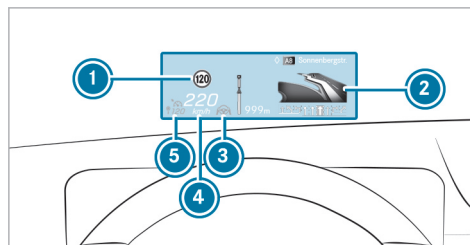
You can use the head-up display menu bar to select different contexts, e.g.:

- Mercedes-AMG vehicles: Supersport
- Mercedes-AMG vehicles: **TRACK PACE**
- Mercedes-AMG vehicles: RACE START
- Race
- Minimal

- Standard
- ECO display (depending on model and equipment) (→ page 172)
- Settings
- Head-up display on/off

The following image shows an example of the head-up display. You can choose what content is displayed (→ page 290).

Head-up display content with navigation (6x2°)



- 1 Detected instructions and traffic signs
- 2 Navigation instructions (distance to the next route event)

- 3 Steer Assist status
- 4 Current speed
- 5 Set speed in the driving system (e.g. Active Distance Assist DISTRONIC)


System limits

Visibility is influenced by the following conditions in particular:

- Seat position
- Image position setting
- Ambient light
- Wet road surfaces
- Objects on the display cover
- Polarization in sunglasses

Operating the head-up display

Selecting display content of the head-up display via the menu bar of the driver display

- ▶ Press the main menu button .
- ▶ **To select the menu bar of the head-up display:** swipe upwards on the Touch Control.



Switching between display content on the head-up display

- ▶ Swipe to the left or right on the Touch Control. A preview of the selected display content will appear on the head-up display.
- ▶ **To confirm:** press the **OK** button.

Switching back to the driver display

- ▶ Press the **←** or **Home** button.

Setting the position and brightness

- ▶ Swipe to the left or right on the Touch Control and select **Settings** on the menu bar of the head-up display.

- ▶ Press the Touch Control. The current position and brightness settings will be displayed as graphics on the head-up display as well as on the driver display.
- ▶ **To adjust the position:** swipe upwards or downwards on the Touch Control.
- ▶ **To adjust the brightness:** swipe to the left or right on the Touch Control. The settings configured for position and brightness will be saved automatically.
- ▶ Press the **←** or **OK** button to exit the settings.

Switching the head-up display on/off

Driver display:



Switching on

- ▶ Swipe upwards on the Touch Control.
- ▶ Press Touch Control **OK**.

Switching off

- ▶ Swipe upwards on the Touch Control.

- ▶ Swipe on the Touch Control and select **Head-up Display**.
- ▶ Press Touch Control **OK**.

Setting the head-up display in the multimedia system

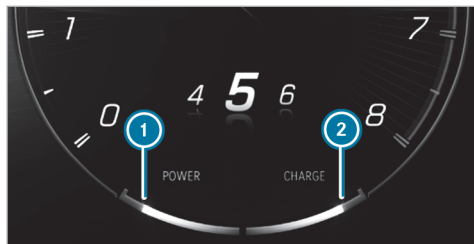
Multimedia system:



Switching the head-up display on/off

- ▶ Select **Head-up Display**. The head-up display is activated or deactivated.

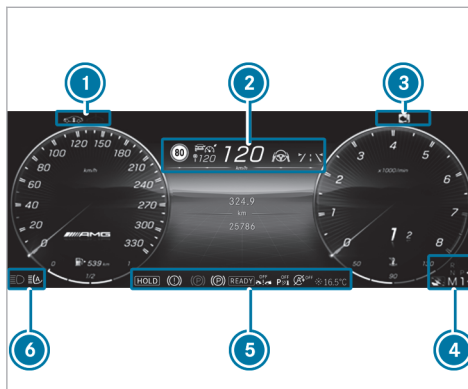
Vehicles with a 48 V on-board electrical system



- ① Electric drive support
- ② Recuperation behavior of the electric motor
- ⓘ Due to various system limits, the values displayed may temporarily differ slightly from the actual value.

Overview of status indicators on the driver display (Mercedes-AMG vehicles)

The status indicators for the driving and driving safety systems are shown in the ① and ⑥ areas.







- ⓘ The number, position and presentation of the status indicators on the driver display depend on which systems are activated or deactivated.

Depending on the equipment, Mercedes-AMG vehicles have the following status displays:



Pedestrian detection (on assistant display only) (→ page 135)

- Active Parking Assist is available (→ page 276)
- Active Parking Assist has recognized a parking space (→ page 276)
- Parking Assist PARKTRONIC deactivated (→ page 273)
- Cruise control (→ page 222)
- Active Distance Assist DISTRONIC (→ page 224)
- Specified distance for Active Distance Assist DISTRONIC (→ page 224)
- Active Brake Assist switched off (→ page 245)
- Active Brake Assist impaired or not functioning (→ page 245)
- Active Steering Assist (→ page 231)
- Active Lane Change Assist (→ page 235)
- Active Lane Keeping Assist (→ page 253)
- Active Blind Spot Assist (only on assistant display) (→ page 251)
- ECO start/stop function (→ page 170)

-  HOLD function (→ page 219)
-  Adaptive Highbeam Assist (→ page 137)
Adaptive Highbeam Assist Plus
(→ page 138)
-  Slippery road surface warning
-  Engine operating temperature warning
lamp (→ page 166)

Vehicles with Traffic Sign Assist: detected instructions and traffic signs (→ page 245)

Important information from other driving systems may briefly appear in front of the displayed traffic signs.

Overview and operation

Notes on the MBUX multimedia system

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information systems and communication devices integrated in the vehicle when driving, you could 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. Depending on the equipment, the scope of function and product designation of your MBUX multimedia system may differ from the description and

images in this Operator's Manual. For example, route guidance with augmented reality is not available in all equipment variants.

ⓘ The functions of your MBUX multimedia system may differ and depend on the following factors:

- Market
- National version
- Technical conditions

Functions, services and service aspects provided by Mercedes-Benz and/or third-party providers may no longer be available when the contractual period expires or due to technical conditions. There is therefore no entitlement to the continuous provision of functions and services.

The described functions may be modified, optimized and adapted after the time of going to press.

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

- Features

- Services
- Service aspects

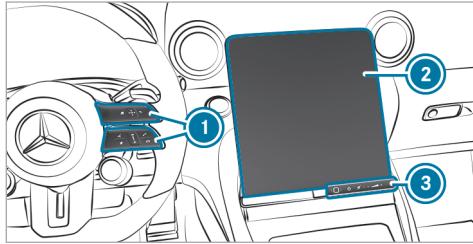
For these reasons, descriptions and depictions relating to the MBUX multimedia system may, in some cases, differ for your vehicle.



! NOTE Increased surface temperature due to direct sunlight on the central display



The surface of the central display is very dark. If the display is exposed to direct sunlight, the surface can become very hot.

- ▶ If the central display has been exposed to direct sunlight, allow it to cool down before touching it for a long time.

Overview of the MBUX multimedia system



- ① Touch Control and control panel for the MBUX multimedia system
MBUX stands for Mercedes-Benz User Experience.
 - Operating Touch Control
- ② Central display with touch functionality
 - Home screen overview
 - Operating the touchscreen
- ③ Switch panel with:
 -  Fingerprint sensor
 -  Switches the MBUX multimedia system on or off

-  Sets the display angle
-  Adjusts volume and switches sound off or on by pressing and holding "-"

Further operating options:

- Conducting a dialog with the MBUX Voice Assistant.
- Operating functions contact-free with the MBUX Interior Assistant.

The interaction then follows intelligently, reactively or with hand or head movements.

- ① You can find further information about operation as well as about applications and services in the Digital Operator's Manual.


Anti-theft protection

This device is equipped with technical provisions to protect it against theft. Further information on anti-theft protection can be obtained at an authorized Mercedes-Benz Center.

Zero layer

Function of the zero layer

- ① Your software can be upgraded to a more current version at a later date.

The zero layer provides you with dynamic content from the MBUX multimedia system and is used to quickly access and control the applications you use. When you select  on the central display, the digital map with the applications appears in the lower display area. Compared to the home screen with a classic menu, the steps required to call up the applications are reduced. You can switch between the zero layer and the home screen with a classic menu.

The applications can be hidden from the display area and shown again.

The zero layer provides the following modules and applications:

- Navigation module

In the expanded view you can, for example, display the route overview, switch on the display of traffic information and make settings

for **View** (map), **Messages & Acoustic Signals**, **Route**.

- Entertainment (media, radio) and telephone
When the lower display area is shown, the entertainment sources are always displayed. A mobile phone must be connected to the MBUX multimedia system for the phone to be displayed.
- Active applications
The lower display area shows an active message program, for example.
- Suggestions
Suggestions are displayed on the lower display area based on context and your user behavior. Here are a few examples:
 - Latest calls
 - Active message programs
 - Vehicle functions
 - Online voice applications

The applications are first displayed in a reduced view. By tapping on them, you can operate them or open the associated menu (expanded view).

A long press on a suggestion opens a context menu in which further functions are available.

The learning function can be switched on and off for the options.

Overview of the zero layer

Digital map and user-specific applications (example)



① Navigation module (reduced view)

② Enters a destination

Searching for a parking space, in the vicinity for example

3 Calls up the Control Center (pull the bar down)

4 Status line

5 Calls up user profile settings

6 Content sharing menu (if available)

7 Telephone

Requirement for phone: the mobile phone is connected to the MBUX multimedia system.

8 Entertainment sources (media, radio)



Press briefly: shows all applications (→ page 298)

Press and hold: calls up the home screen with classic menu

10 Route monitor

e.g. route list, lane recommendations, toll stations, 3D image of the upcoming driving maneuver

The zero layer shows the digital map and the user-specific applications.

The following user-specific applications are displayed in the lower display area:

- Suggestions
Requirement: suggestions are activated (→ page 308).
- Active applications
e.g. a massage program
- Telephone 7
- Entertainment sources 8
- Online voice applications

The lower display area can be hidden and shown (→ page 298).

Information about entertainment sources

You can operate the applications in the reduced view or in the menu (expanded view) (→ page 298).

Examples:

- Control a media source, e.g. pause/play, next track, set a station
- Select tracks from the current playlist or stations from the station list

- Select a media source

The media source must be connected to the MBUX multimedia system.

Information about the telephone

To use the functions, the mobile phones must be connected to the MBUX multimedia system.

Requirement for suggestions: the **Calls & Messages** option is activated in the suggestions.

Examples:

- Answer a call and call a missed call
The missed calls are displayed for the mobile phones connected to the MBUX multimedia system.
- Display contacts and call list and call a contact
- Use voice functions
- Suggest contacts
The contacts are suggested for the mobile phones connected to the MBUX multimedia system. No contacts are suggested for the mobile phones that are linked to another user profile.

- Write messages to contacts (suggestion)
- Connect a device via the device manager (suggestion)

Information about active applications

The following functions are available:

- Operating a message program
- Raising or lowering the vehicle level

Suggestions for comfort and vehicle functions as well as navigation

Requirement: the **Comfort**, **Vehicle** and **Navigation** options are activated in the suggestions.

- Operating a message program

For example, the multimedia system suggests a program at a certain time.

- Setting the vehicle level
- Making heating settings
- Activating/deactivating Parking Assist PARKTRONIC
- Selecting previous destinations and destinations from favorites

Suggestions for online voice applications

Requirement: the **Online Voice Services** option is activated in the suggestions.

The suggested voice applications are made available online and are based on your previous voice inputs.

Examples:

- What will the weather be like tomorrow?
- Play the messages.
- Start geoquiz.
- Open the garage door.


Calling up and operating the zero layer

Calling up the zero layer



When the vehicle has been switched on, the zero layer is displayed with the digital map. Navigation is active.

▶ From another application: press the  button on the right side of the steering wheel.

or

▶ Tap on .

Operating applications in the reduced view (examples)

▶ **Media:** to play the previous or next track, tap  or .

▶ **To answer a call or call a missed call:** tap on the contact.

After the connection has been established, the call functions are available.

▶ **To end a call:** tap on the contact again.

▶ **To reply to a message:** tap on a message and dictate the message via the MBUX Voice Assistant.




▶ **To start a message program:** tap on the application and start the message program.

▶ **To select a previous destination:** tap on the application and select one of the previous destinations.

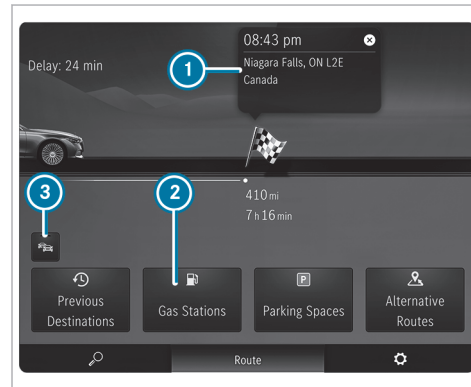
▶ **To select a destination from the favorites:** tap on the application and select the destination.

Hiding and showing the display area with applications

▶ **To hide:** pull the applications down.

- ▶ **To show:** pull the bar above  upwards.
- or
- ▶ Select .
- or
- ▶ Press the  button on the steering wheel on the right.

Navigation module (expanded view)




Example: route guidance is active

- ① Destination
 - ② Searches for a gas station
 - ③ Switches traffic information display on or off
- ▶ Tap on the navigation module (→ page 296).
 - ▶ Select **Route** in the lower menu bar.

Operating a menu in the lower display area (example: active message program)



- ① Selects a message program
 - ② Starts/stops a message program for the driver
 - ③ Starts/stops a message program for the front passenger
 - ④ Sets the message intensity for the driver's or front passenger seat
- ▶ Tap on the application. The expanded view of the application is displayed.
 - ▶ **To close the menu:** select .



Opening and closing the context menu for a suggestion

- ▶ Press and hold on a suggestion. The context menu opens and shows the **No Longer Suggest** option, for example.
- ▶ **To close:** swipe downwards.



Removing a suggestion from the display area

- ▶ Swipe the suggestion upwards.

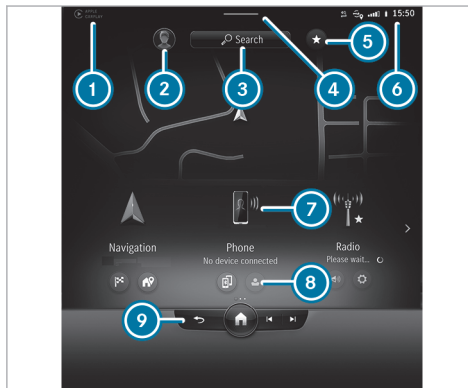
Showing all applications

- ▶ Briefly press . Available applications are displayed. The global search is available.
- ▶ **To hide applications:** briefly press  again.

Switching between the zero layer and home screen with classic menu


- ▶ Press and hold on . The home screen with classic menu is shown.
- ▶ **To return to the zero layer:** press and hold on .


Home screen overview





- 1 Status line
- 2 Calls up user profile settings and switches user
- 3 Uses the global search
- 4 Calls up the Control Center: pull the bar down
- 5 Calls up favorites
- 6 Displays in the status line

- 7 Calls up applications
- 8 Quick-access to application
- 9 Global menu

 Calls up previous menu

 Press and hold: switches between home screen and zero layer

 Previous track or previous radio station

 Next track or next radio station

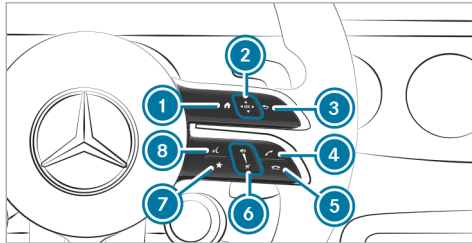
- ⓘ During a telephone call, the call duration is displayed in global menu **9**.

The following functions are called up in the Control Center:

- Notifications Center
- Favorites
- Vehicle quick-access

Operating the MBUX multimedia system

Using Touch Control



- ① Shows the home screen
- ② Touch Control
 - swipe in the direction of the arrow (navigate)
 - Press (confirm)
- ③ Returns to the previous display
- ④ Makes or accepts a call
- ⑤ Rejects or ends a call
- ⑥ To increase volume: swipe upwards
To reduce volume: swipe down

- To switch off the sound: press
- ⑦ Calls up favorites
- ⑧ Starts the MBUX voice assistant

You can navigate through menus and lists via the touch-sensitive surface of Touch Control ② using a **single-finger swipe**, e.g.:

- ▶ **To enter a character:** select a character using the keyboard and press on Touch Control ②.
- ▶ **To select a menu option:** scroll in a list and press Touch Control ②.
- ▶ **To move the digital map:** swipe in any direction.

Using the touchscreen

- ▶ **To select a menu item or entry:** tap on a symbol or an entry.
- ▶ **To increase the map scale:** tap twice quickly with one finger.
- ▶ **To reduce the map scale:** tap with two fingers.
- ▶ **To enter characters with the keypad:** tap on a button.

- ▶ **To navigate in menus:** swipe up, down, left or right.
- ▶ **To use handwriting to enter characters:** write the character with one finger on the touchscreen.
- ▶ **To zoom in and out of the map:** move two fingers together or apart.
- ▶ **To enlarge or reduce the size of a section of a website:** move two fingers together or apart.
- ▶ **To turn the digital map:** turn counter-clockwise or clockwise using two fingers.
- ▶ **To move the digital map:** touch the touchscreen and move your finger in any direction.
- ▶ **To save the destination in the digital map:** touch the touchscreen and hold until a message is shown.
- ▶ **To set the volume on a scale:** touch the touchscreen and move the finger to the left or right.
- ▶ **To call up a global menu in the applications:** touch the touchscreen and hold until the **Options** menu appears.

Function of the MBUX Voice Assistant

⚠ WARNING Risk of distraction from information systems and communications equipment

If you operate information systems and communication devices integrated in the vehicle when driving, you could 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 delayed.
- Familiarize yourself with the voice control system functions before starting the journey. Using the MBUX Voice Assistant, vehicle functions and various areas of the MBUX multimedia system can be operated by voice input. The MBUX Voice Assistant is operational approximately half a minute after switching on the vehicle and can be operated from all seats. Further information and examples of voice commands can be found in the Digital Operator's Manual.

You can use the MBUX Voice Assistant to operate the following functions depending on the vehicle equipment:

- Telephone
- Text messages and e-mails
- Navigation
- Radio and media
- Vehicle functions
- Online functions


Full functionality of the voice control system is only available for you with activation of online voice control.

Conducting a dialog

Starting a dialog

▶ Say "Hey Mercedes" to activate the MBUX Voice Assistant. Voice activation must be switched on in the multimedia system.

or

▶ Press the  button on the multifunction steering wheel. A blue line appears in the MBUX multimedia system. The dialog can be started.

For the dialog with the MBUX Voice Assistant, you can use complete sentences of colloquial language as voice commands. Voice activation can also be directly combined with a voice command, e.g. "Hey Mercedes, how fast can I drive?"

Calling up help

▶ **For information about the MBUX Voice Assistant:** say "Hey Mercedes, what can you do?"

- ▶ **Digital Operator's Manual:** "Show me the Operator's Manual". The full extent of the Digital Operator's Manual is available when the vehicle is stationary.

Operating functions (examples)

- ▶ **To operate the navigation:** "Search for an Asian restaurant, but not Japanese, in South Manhattan."
- ▶ **To operate the phone:** "Call my father."
- ▶ **To change the system language to English (short command):** "Change language to English".
- ▶ **To operate the radio:** "Show me the list of radio stations."
- ▶ **To operate media:** "Switch on random playback."
- ▶ **To operate vehicle functions:** "Switch the seat heating to level 2."
- ▶ **To operate online functions:** "What's the time in Sydney?"
- ▶ **To ask a question about the vehicle:** "Do I have Blind Spot Assist?"

Overview of the MBUX Interior Assistant

⚠ WARNING Risk of injury from the camera's laser radiation

This product uses a classification 1 laser system. If the housing is opened or damaged, laser radiation may damage your retina.

- ▶ Do not open the housing.
- ▶ Always have maintenance work and repairs carried out by a qualified specialist workshop.

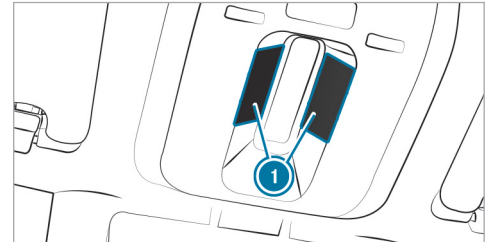
This product complies with the requirements of the FDA 21 CFR 1040.10 and 1040.11 with exception of the variations according to the FDA Laser Notice No. 50 from 24 June 2007.

- ⓘ The camera records image data for the applications, for example body, head and hand detection. The camera converts the image data directly into meta data. No image data is saved in the process. The data is only processed in the vehicle and is not transmitted from the vehicle.

- ⓘ When you start the vehicle, the MBUX Interior Assistant is activated automatically. You can switch the Interior Assistant on or off.

The MBUX Interior Assistant detects the presence of the front vehicle occupants using 3D laser cameras. The Assistant interprets natural hand, head and body movements contextually or upon the explicit request of the vehicle occupants. The Assistant can thus automatically trigger vehicle interior functions and assist appropriately to the situation.

The Assistant recognizes driver and front passenger interactions.



Cameras ❶ are located in the overhead control panel.

The Assistant supports vehicle and infotainment functions at three interaction levels:

- INTELLIGENT

The Assistant recognizes vehicle occupants automatically and activates functions.

- REACTIVE

The Assistant recognizes the natural body language of a vehicle occupant and carries out functions automatically, appropriate to the situation.

- CONTACTLESS

The vehicle occupant actively requests a function using a hand movement or pose.

The Assistant offers functions for the following:

- SAFETY

The Assistant supports vehicle occupants with the use of restraint systems.

- COMFORT

The Assistant enhances comfort by automating functions inside the vehicle and supporting natural interaction with the vehicle.

- INFOTAINMENT

The vehicle occupants can carry out a favorite function with a hand pose.

System limits, display messages and notes for rectification

The malfunction messages are shown on the central display.

The system may be impaired or may not function in the following situations:

- The camera in the overhead control panel may heat up due to operating conditions. As a result the camera may switch off temporarily, particularly during longer periods of operation and at high outside temperatures.

Do not touch or cover the camera. Wait until the camera has cooled down and is available again.

The [Interior Assistant Unavailable Further Information to Follow](#) message appears.

You receive a message when the camera is available again.

- The camera is covered, dirty, fogged up or scratched.

Wait until the camera has cooled down before cleaning the camera cover.

The [Currently Unavailable See Operator's Manual](#) message appears.

Clean the outside of the camera cover with a dry or damp cotton cloth. Do not use micro-fiber cloths. Do **not** remove the cover when cleaning.

- A vehicle occupant is very large. Clothing being worn (gloves, hat, scarf, color of clothing) or objects carried on a person, for example a watch with a large display, can affect the camera view. Or the detection range of the camera is restricted.

No message appears.

Keep the camera's field of vision clear.

Objects in the detection range of the camera can restrict the camera view. Please make

sure that no objects hang on the inside rearview mirror, for example.

- The MBUX Interior Assistant is faulty.

The **Interior Assistant Not Available. Please contact your Mercedes-Benz dealer.** message appears.

Consult an authorized Mercedes-Benz Center.

Anticipatory exit warning (SAFETY/reactive)

Requirements:

- The vehicle is equipped with Active Blind Spot Assist with exit warning.
 - Active Blind Spot Assist is activated (→ page 253).
 - The vehicle is equipped with active ambient lighting or ambient lighting.
- ⓘ Observe the information on the system limits of Active Blind Spot Assist with exit warning (→ page 249).

The function can warn vehicle occupants about a possible collision with an approaching vehicle or bicycle when they exit the vehicle.

As soon as the driver or front passenger moves their hand towards the door handle, depending on the vehicle equipment, the following warnings are issued:

- The active ambient lighting or ambient lighting flashes red.
 - The warning lamp in the outside mirror also flashes red for one of the front doors.
 - When the door is opened, a warning tone sounds.
- ⓘ The visual warning is thus already given **before** the door is opened.
- ⓘ Further information on Active Blind Spot Assist with exit warning (→ page 249) and on ambient lighting (→ page 141).

Switching the reading light and search light and on or off

Requirements:

- **For the reading light:** the driver's and front passenger's hand movement takes place under the inside rearview mirror.

- **For the search light:** the function is available in the vehicle when it is dark.
- The front passenger seat is not occupied or a child is sitting in a child restraint system.
- The hand movement is made by the driver in the interaction area above the front passenger seat.

Switching the reading light on and off



Carrying out operation of the reading light for the driver and front passenger

- ▶ Move your hand up and down under the inside rearview mirror. The reading light is switched on or off.

Switching the search light on and off



Interaction area for activating the search light

- ▶ **To switch on:** reach across the front passenger seat with a hand. The search light is switched on automatically for the driver.
- ▶ **To switch off:** take a hand back away from the front passenger seat. The search light is switched off again.

Automatic preselection of the outside mirrors (COMFORT/reactive)

Until now, to set the outside mirrors the desired mirror had to be selected using a preselection button in the driver's door.

With the MBUX Interior Assistant, the mirror to be set is preselected automatically by the natural movement of your head to the left or right. When the hand touches the button for adjusting the outside mirror, the LED under the button of the preselected mirror side lights up.

Use the button to set the position of the active outside mirror.

- ① Preselection of the outside mirrors using buttons is still possible. Further information on adjusting the outside mirrors (→ page 146).

Calling up favorites with the V pose (INFOTAINMENT/contactless)

Requirements:

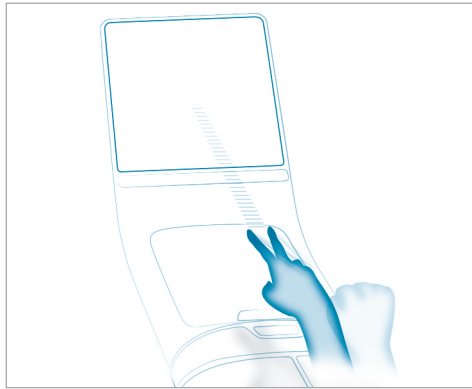
- At least one favorite has been saved in the favorites list.

- The favorite is connected with the MBUX Interior Assistant.
- The area for detecting the favorites pose (V pose) is above the center console in front of the central display.
- The V pose is held for a brief time.

The V pose makes it easier to call up favorites.

The front vehicle occupants can associate their own favorite with the V-pose. Some examples include a navigation destination, a radio station or a message program for a seat.

- ① If a favorite has not yet been saved and connected with the MBUX Interior Assistant, the multimedia system will assist you.



Implementation of the V-pose above the stowage compartment of the center console at the height of the central display

- ▶ Position your hand above the stowage compartment of the center console at the height of the central display. The back of your hand is facing upwards. In doing so, your index and middle finger are spread to form a V. With your other fingers bent inwards.

- ▶ Briefly hold the V pose.
The favorite is called up.

Information on users, suggestions and favorites

⚠ WARNING Risk of becoming trapped during adjustment of the driver's seat after calling up a driver profile

Selecting a user profile may trigger an adjustment of the driver's seat to the position saved under the user profile. You or other vehicle occupants could be injured in the process.

- ▶ Make sure that when the position of driver's seat is being adjusted using the multimedia system, no people or body parts are in the seat's range of movement.

If there is a risk of someone becoming trapped, immediately stop the adjustment process by:

- ▶ a) Pressing the warning message on the central display.

or

- ▶ b) Pressing a position button of the memory function or a seat adjustment switch in the driver's door.
The adjustment process is stopped.

The driver's seat is equipped with an access preventer.

If the driver's door is open, the driver's seat will **not** be set after calling up the driver's profile.

User profiles and user-specific content

Prerequisites for the vehicle owner:

- You have a Mercedes me user account.
- You have a Mercedes me PIN.
- You have agreed to the terms of use.
- The vehicle is linked to a Mercedes me user account.

- ⓘ If one of the pre-requisites listed is missing or if no user profile has been selected, the data described in the following section will be saved in the vehicle as the standard setting. Standard settings can be changed by all vehicle users.

User profiles save personal settings. If the vehicle is used by several people, a person can change their profile settings without changing the settings of other users.

You can individualize a user profile in the vehicle using the set-up assistant or using the settings in your user profile. Some settings, e.g. the Mercedes me PIN and a profile photo are made in the Mercedes me app or in the Mercedes me Portal.

User-specific content and applications with personal data are protected by different levels of security. To access protected content, the Mercedes me PIN and, depending on the vehicle equipment, biometric sensors can be used.

- ① The security level is set by the multimedia system and calculated from the combination of all sensor inputs. Some security levels cannot be turned off.
- ① When a user profile is activated, the following personalized comfort systems, for example, can be adjusted or their settings loaded:
 - Seat

- Ambient light
- Outside mirrors
- Air conditioning settings

If the user profile is activated when driving then the driver's seat position will not be adjusted.

Depending on the vehicle equipment you can, as a user, save the following settings, for example:

- Driver's seat, steering wheel and mirror settings
- Climate control
- Ambient lighting
- Radio (including station list)
- Suggestions and favorites

Suggestions

The vehicle can learn the habits of the driver. It then makes suggestions regarding navigation destinations, phone numbers and music preferences. The requirements for that are the selection of a user, your consent to the recording of data and sufficient collected data.

Favorites

Favorites offer you quick access to frequently used applications. 100 favorites are available in total.

Configuring users, suggestions and favorites


Requirements:

- The vehicle is stationary.

Multimedia system:

     [Select User](#)

Adding a user

- ▶ Select  [Add User](#) .
A QR code is loaded.
- ▶ Scan the displayed QR code with the Mercedes me App or any QR code scanner on a mobile device. If the Mercedes me App is not yet installed on your mobile device, you will be directed to the store of your mobile device.

- ▶ Follow the directions in the app. The vehicle is connected with your Mercedes me user account. This automatically creates your user profile in the vehicle. You will be informed when your user profile is available. When the vehicle is stationary, the set-up assistant starts automatically after user selection.

Protecting user-specific content and applications

If you add a new user, access protection is already activated for the user profile. The Mercedes me PIN and, depending on the vehicle equipment, biometric sensors are available for access. Biometric sensors in the vehicle must be taught in. The authentication process then takes all taught-in and available sensors into account.

The following user-specific content and applications are protected, for example:

- User selection and user profile settings
- Biometric sensors
 - The teaching-in of biometric sensors is protected.

- Suggestions
 - The data and determination of the most probable navigation destinations, media sources, radio stations, contacts and messages are protected.
- ENERGIZING COACH
 - The recorded health data and their evaluation are protected.
- Mercedes me connect store
 - The purchase of services is protected.
- ▶ Switch **Protect Content** on or off.
- ▶ Switch **Access Protection** on or off.
 - ⓘ When access protection is switched off, your user profile can be accessed and changed from every vehicle seat.
 - ⓘ Access protection is switched on or off on a vehicle-specific basis.

Setting up, editing and deleting biometric recognition

The biometric data models are saved in the sensors in the vehicle. If recognition has been taught-

in, this sensor serves as a contributory factor for authentication on the multimedia system.

- ▶ Select **Protect Content**.
- ▶ Select **Fingerprint Recognition** or **Voice Recognition**.
 - ⓘ If necessary, authenticate yourself on the multimedia system.

Setting up fingerprint recognition


- ▶ Place and lift your finger several times on the fingerprint sensor under the touchscreen (→ page 295). The finger is scanned. If the scanning procedure is successful, a message appears on the central display. You can unlock your user profile and protected applications with your fingerprint.

Setting up voice recognition

- ▶ Speak the sentence shown on the central display and follow the voice assistant's instructions. If the voice recognition was successful, a message appears on the central display. You can unlock your user profile.

- ⓘ Avoid background or disturbing noises during voice recognition.

Deleting biometric data




- ▶ Tap on , for example, behind **Fingerprint Recognition**.
- ▶ Select **Yes**.

Selecting a user




- ⓘ When you call up your driver profile, the driver's seat and the steering wheel can be set. You can cancel the setting process with the following actions:
 - Press **Tap Here to Cancel** message on the central display.
 - Press one of the seat operating buttons in the driver's door.
- ▶ Select **Select User**.
- ▶ Select a user.
- ▶ When requested to do so, authenticate with the Mercedes me PIN or a taught-in biometric characteristic. The user profile is loaded and activated.

- ⓘ If you select **Continue Without Selecting a User**, no specific settings for the user profile are loaded.




Configuring and deleting suggestions

- ▶ Select .
- ▶ Select **Settings**.
- ▶ Select **System**.
- ▶ Select **Suggestions**.
- ▶ Select .
- ▶ Switch the options on or off individually. If an option is switched on and sufficient data has been gathered, personalized suggestions based on your user behavior will be offered to you on the zero layer. These are, for example, navigation destinations visited, phone numbers dialed as well as suggestions based on your music preferences.
- ▶ **To delete collected suggestions:** select .
- ▶ Select **Yes**. The suggestions are reset.

Adding favorites from categories

- ▶ Select .
- ▶ Select .
- ▶ Select .
- ▶ Select  **Create New Favorite**.
- ▶ Select the category.
- ▶ Select a favorite.

Linking favorites with the MBUX Interior Assistant V pose

- ▶ Select .
- ▶ Select .
- ▶ Select .
- ▶ Select **Driver** or **Passenger**.
- ▶ Select the category.
- ▶ Select a favorite.

System settings

Overview of the system settings menu

In the system settings menu, you can make settings in the following menus and control elements:

- Display
 - Display brightness
- Control elements
 - Keyboard language and handwriting recognition
 - Sensitivity of Touch Control
 - Haptic operation for the touchscreen
 - AMG vehicles: AMG steering wheel buttons
- MBUX Voice Assistant
- MBUX Interior Assistant
- Sound
 - Entertainment
 - Navigation and traffic announcements
 - Telephone
- Data protection
- Connectivity
 - Wi-Fi, Bluetooth®
- Time & date
- Language
- Units for distance
- System PIN
- Suggestions
- Software update
- System reset

Overview of software updates

Important software updates may be necessary for the security of your multimedia system's data. Install these updates, or else the security of your multimedia system cannot be ensured.

The multimedia system displays a corresponding message when a software update is available.

If the [Automatic Online Update](#) option is active, software updates are downloaded automatically. If the option is deactivated, you will be informed of

new software updates once. The software updates are available for downloading for a limited period of time.

Carrying out a software update:

- You can start software updates via the communication module.
 - You can start software updates via a Wi-Fi hotspot.
 - You can start map updates from an external medium.
- i** Online software updates cannot be performed via external Wi-Fi hotspots that are encrypted via TKIP.
- i** If the Wi-Fi hotspot requires logging in via the browser, once the connection is successfully established the browser will open in order to start the update. To start the download follow the instructions in the browser.
- i** To complete software updates via the communication module, the vehicle must be connected with the Internet and a Mercedes me user account.

- ❗ To complete software updates via Wi-Fi, the vehicle must be connected to an external Wi-Fi hotspot.

A software update consists of three steps:

- Downloading or copying of the data required for installation
- Installation of the downloaded software update
- Activation of the downloaded software update

- ❗ It may be necessary to restart the MBUX multimedia system after completion of a software update.
- ❗ While some software updates are being downloaded, the multimedia system cannot be operated and the vehicle functions may be restricted.
- ❗ Some software updates require a safe vehicle status for the installation to be completed. They can only be carried out in a safely parked vehicle with the vehicle switched off.

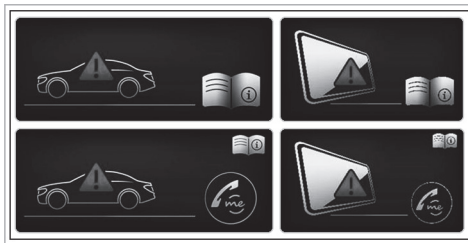
For software updates requiring a safe vehicle status: when the last installation step is reached, a message appears on the central display after the

vehicle is switched off. Follow the step-by-step instructions on the central display to complete the installation.

There are software updates that can only be installed when the vehicle is safely parked, there are no more people in the vehicle and the vehicle is locked.

Availability of the driver and central display

During the installation of software updates, it is not possible to use the vehicle, central display and driver display. You may receive the following display message when an installation is running:



- ❗ The display message does not appear every time a software update is installed.

In rare cases, an error can occur during the installation. The multimedia system automatically attempts to restore the previous version.

If it is not possible to restore the previous version, the display message shown above appears every time the vehicle is started.

Failure of the driver display

If the driver display fails or there is a malfunction, you may not recognize limitations in the functions of systems relevant to safety or the speed display, for example. This may impair the operating safety of the vehicle. Park the vehicle safely as soon as possible and notify a qualified specialist workshop. (→ page 455)

Further information about software updates can be found at <https://me.secure.mercedes-benz.com>

Failure of the central display

If the central display fails or the display message shown above is shown continuously, several systems such as the rear view camera, Parking Assist PARKTRONIC or climate control are no longer available. Drive on carefully and consult a specialist workshop as soon as possible.

Setting up a Wi-Fi hotspot

Requirements:

- The Wi-Fi function is activated on the multimedia system and the communication device to be connected.
- The communication device to be connected supports at least one of the types of connection described.

The connection types shown depend 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 must be selected on the multimedia system and on the device to be connected.

- ⓘ Some functions may first need to be activated on the communication device being connected. More detailed information can be found in the manufacturer's operating instructions.
- ⓘ The use of the vehicle data tariff by external devices is not available in all countries.

Multimedia system:

→  ▶ Settings ▶ System
▶▶ Internet and Bluetooth

- ⓘ The availability of the functions is country-dependent.
- ▶ Select **Wi-Fi**.
The controller is to the right: Wi-Fi is switched on.

When the Wi-Fi function is switched on, you can connect the multimedia system with external hotspots or make it available as a hotspot for external devices.

When the Wi-Fi function is switched off, it is not possible to establish a hotspot connection.

- ⓘ Depending on the vehicle equipment, you can obtain an Entertainment Package via the Mercedes me Store. In order to use the data package included, you must conclude your own contract with a mobile phone network provider via the Mercedes me App. This can be terminated at any time and incurs no costs. Without this contract it is not possible to use the services included in the previously

acquired Entertainment Package. The availability of this option is dependent on the country. If the data package option is not available or can be upgraded, you can purchase data volume directly from the mobile phone network provider for a fee. The availability of this option is dependent on the country.

- ⓘ The use of the vehicle data tariff by external devices is not available in all countries.

Using the multimedia system as a Wi-Fi hotspot

- ▶ Select **MBUX Hotspot**.
- ▶ Select one of the following connection options.

Connecting using a QR code

Requirement: an app for scanning the QR code is installed on the device being connected.

Alternatively: the device being connected has an integrated QR code scanner (see the manufacturer's operating instructions).

- ▶ Scan the QR code shown.
The WLAN connection is established.

Connecting using a security key

- ▶ Select the vehicle from the device to be connected. The vehicle is displayed with the **MBUX XXXXX** network name.
- ▶ Enter the security key shown on the device to be connected.
- ▶ Confirm the entry.


Generating a new security key

- ▶ Select the **Generate New Security Key** option in the **MBUX Hotspot** menu.
- ▶ Confirm the prompt with **Yes**.
A new security key is generated.

A connection will be established with the newly created security key.

- ⓘ When a new security key is generated, all existing Wi-Fi connections are then disconnected. If the WLAN connections are re-established, the new security key must be entered.

Using a mobile communication device as a Wi-Fi hotspot (tethering)

- ⓘ This function is country-dependent.
 - ▶ Select the **Manage Internet Access** option in the **Internet and Bluetooth** menu.
 - ⓘ The Wi-Fi function on the mobile phone and Internet access via Wi-Fi must be activated (see the manufacturer's operating instructions).
 - ▶ Select **Search for Access**.
 - ▶ Select the network.
 - ▶ Log in to the Wi-Fi network.
- or
- ▶ Select the mobile phone with the  Wi-Fi symbol.

- ⓘ With external Wi-Fi hotspots, which are encrypted via TKIP, online software updates cannot be carried out via the external Wi-Fi hotspot.

System language

Notes on the system language

This function allows you to determine the language for the menus and 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 language

Multimedia system:

→  **Settings** **System**
 ▶ **Language**

Setting the system language

A list of the available system languages is shown.

- ▶ Select a language.
The system language is switched to the selected language.

Resetting the multimedia system (reset function)

⚠ WARNING Risk of accident due to failure of central display functions

While the multimedia system is reset, its functions, such as the rear view camera, are not available.

▶ Only reset the multimedia system when the vehicle is stationary.

Requirements:

- The vehicle is switched on.
- The vehicle is stationary.

Multimedia system:

🔌 🏠 ▶▶ Settings ▶▶ System ▶▶ Reset

When resetting the system, personal data and settings are deleted, for example:

- Connected devices
- Individual user profiles
- Biometric data

ⓘ The data used and saved in the multimedia system by the driver assistance systems is deleted.

▶ Select **Reset**.

A query appears asking if the system should really be reset.

▶ Select **Yes**.

The multimedia system is reset to the factory settings. The multimedia system is restarted after the system reset.

ⓘ Due to data protection, as well as the function of individual driving systems and driving safety systems, it is a requirement to carry out a complete system reset before selling the vehicle or transferring it to a third party, or after use as a hire car.

Manual contains further information on Mercedes me and on-demand features.

With AMG TRACK PACE, the driving characteristics on race tracks can be analyzed and optimized. You can drive previously saved race tracks (e.g. the Hockenheimring), or record and save new tracks. The lap times set will be stored for every track. These can be analyzed and compared with other lap times to achieve the best possible race results. Additionally, acceleration and braking operations can be measured and stored.

Note: Use AMG TRACK PACE only on closed-off tracks away from public roads. Adapt your driving style to your personal skill level and the ambient conditions. As the driver, you are solely responsible for driving your vehicle. Park your vehicle safely before operating the application.

AMG TRACK PACE

Function of AMG TRACK PACE



ⓘ This function is an on-demand feature and can be activated via Mercedes me after you purchase your vehicle. The Digital Operator's

Setting Track Race



Multimedia system:


→ TRACK PACE → Track Race

Recording a new track

- ▶ Select  **New Track** .
- ▶ At the desired starting point, select  **Start recording**.
Track recording will start at this point.

During track recording, sectors can be set to subdivide the track.


- ▶ Select  **Set sector**.
- ▶ To finish track recording, select  **Stop recording** or cross the starting line again.
- ▶ Confirm the prompt with **Yes**.
- ▶ Select the weather.

 The temperature will be determined automatically.



- ▶ Enter a name.

- ▶ Press **OK** to confirm.
The track will be saved under the name entered.

Searching by track name

- ▶ Select  **Search** .
- ▶ Enter the track name.
Tracks with the name that you have searched for will be displayed.




Measuring time on a saved track

- ▶  Select **All tracks**.
- ▶ Select the desired track.
- ▶ Select  .
- ▶ If you are already at the starting line, select **Start Time Recording**.


or

- ▶ Select **Navigate to** to navigate to the starting line.

Timekeeping will begin automatically when you cross the starting line.



-  Selecting  enables you to switch to the AR view of the track. Selecting  also


allows you to switch to the telemetrics display.

- ▶ Select  **Stop timing** to end timekeeping.
- ▶ Confirm the prompt with **OK**.
- ▶ Select the weather.
- ▶ Select **Yes** to save the times recorded for this track.



Showing readings during Track Race

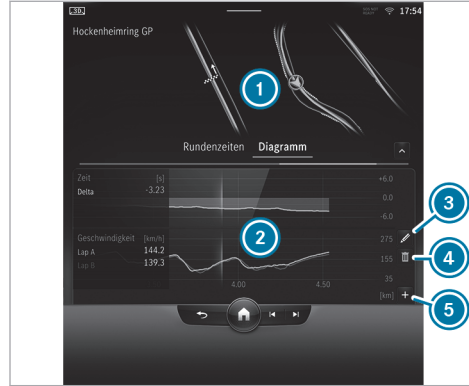
The following readings can be shown:

- Tire temperature
 - Miniature map
 - Sector overview
 - Engine data
 - G-force display
 - Lap overview
- ▶ Select  **Start Time Recording** .
 - ▶ Select  .
 - ▶ Drag the desired display from the grid to the left or right edge of the central display.
The readings will be shown during Track Race.

Selecting  on the active display will deactivate it.

Displaying analysis

- ▶  Select **All tracks**.
An overview of all the tracks you have driven will appear.
- ▶ Select a track.
- ▶ Select a session.
The following data will be displayed:
 - lap and sector times
 - average and maximum permissible speed
 - driver
 - vehicle
 - date
 - weather
- ▶ Select **Add Recording** to use a different session as a reference value.
- ▶ Select  to return to the overview.
- ▶ Select **Diagram**.
- ▶ Set the desired parameters.
The analysis will be displayed.





- ① Lap overview
- ② Parameter overview
- ③ Editing parameters
- ④ Deleting parameters
- ⑤ Adding a new parameter
- ⓘ The following values can be set for the parameters, 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 (USB)

- ▶ Select  **Tracks**.
An overview of all saved tracks will appear.
- ▶ Select the desired track.
- ▶ Select options  for the desired track.
- ▶ Select **Export Track to....**
The selected track can be exported to a USB storage device connected to the vehicle.

Editing tracks and recordings

- ▶ Select  **Tracks**.
- ▶ Select the desired track.
- ▶ Select options  for the desired track.
- ▶ Select **Rename** or **Delete**.

or


- ▶ Select a track.
- ▶ Highlight the desired recording.
- ▶ Select  options.
- ▶ Select [Export to...](#) or [Delete](#).

Setting Drag Race

Multimedia system:


↳ TRACK PACE ▶▶ Drag Race

Measuring acceleration

- ▶ Select  [Drag race options](#).
- ▶ Select [Acceleration](#).
- ▶ Set a starting speed or select [Automatic](#).
Measurement will begin as soon as the specified starting speed has been reached.
- ▶ Set a target speed.
Measurement will stop as soon as the specified target speed has been reached.
- ▶ Start off and begin measurement.
Measurement will begin when the vehicle accelerates.


You can stop measurement early by interrupting the acceleration procedure.

Quarter-mile race

- ▶ Select  [Drag race options](#).
- ▶ Select [Quarter Mile](#).
- ▶ Set a target distance.
Measurement will stop as soon as the specified target distance has been reached.
- ▶ Start off and begin measurement.
Measurement will begin when the vehicle accelerates. Timing will run until the target distance or a maximum of one mile has been traveled.

You can stop measurement early by interrupting the acceleration procedure.

Measuring braking

- ▶  [Drag Race options](#)
- ▶ Select [Braking](#).
- ▶ Set a starting speed or select [Automatic](#).
- ▶ Start off and begin measurement.


- ▶ Brake to a standstill.
Measurement is incremental, in steps of 6 mph (10 km/h) to a standstill. If the braking procedure is started e.g. at a speed of 98 mph (157 km/h), measurement will start as soon as a speed of 93 mph (150 km/h) has been reached.

Saving and calling up measurements

If measurement is completed or canceled, a prompt will appear asking whether the measurement should be saved.

- ▶ Confirm the prompt with [OK](#) to save.

Calling up saved measurements

- ▶  Select [History](#).
- ▶ Select [Acceleration](#), [Quarter Mile](#) or [Braking](#).
- ▶ Select a measurement.
The desired measurement will be displayed in detail.

or

- ▶ Delete a measurement.

Calling up the telemetry display

Multimedia system:

↳ 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 to be shown on the display.

For example:

- engine speed
- wheel angle
- speed
- steering angle

▶ Set the desired parameters.

▶ Set the time.

The set parameters will be evaluated in the diagram for the selected time.

Configuring AMG TRACK PACE

Requirements:

To connect a mobile device to the TRACK PACE app:

- the TRACK PACE app is installed on the mobile device.
- the mobile device is connected to the multimedia system via Wi-Fi.

Multimedia system:

↳ TRACK PACE ▶ 

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 **TRACK PACE App**.

▶ Select **Authorize a New Device**.

▶ Start the TRACK PACE app on the device to be connected.

▶ Select **Continue** and confirm the authorization prompt.

A four-digit code will be shown on the central display.

▶ Enter the code on the smartphone.

The device will be authorized.

De-authorizing the mobile device

▶ Select **TRACK PACE App**.

▶ Select a device.

▶ Confirm the prompt with **Yes**.

The device will be de-authorized.

Setting the TRACK PACE readout on the head-up display and driver display

▶ Select **IC and HUD Contents**.

▶ Activate or deactivate the desired content. The content on the head-up display and driver display will be adjusted.

ⓘ Further information on the head-up display (→ page 290).

ⓘ Further information on the driver display (→ page 287).

Setting acoustic feedback

▶ Select **Acoustic Feedback**.

A scale from 0 to 10 will be shown.

▶ Select a setting.

Show statistics

- ▶ Select **TRACK PACE Statistics**. Statistics on the current user profile will be displayed.

The following data will be displayed:

- driving time
- distance driven
- tracks recorded
- track races recorded
- laps recorded
- drag races recorded
- maximum speed

Activating the ambient light

If this function is active, the vehicle interior will be lit in red or green depending on delta time.

- ▶ Select **Ambient Light**.
- ▶ Activate or deactivate the function.

Setting the dash cam

If the vehicle is equipped with a dash cam, it can be used in AMG TRACK PACE.

- ▶ Select **Dashcam**.
- ▶ Select **Track Race** or **Drag Race** and activate **Activate Recording**.
- ▶ You can set which overlay is to be used in the recorded video under **Video Overlay Content**.

Plug-in hybrid settings**Configuring the charging settings**

Multimedia system:

➔  ➔ Hybrid ➔ Charging

Setting the charging program

- ▶ Select **Home**, **Work** or **Standard**.
- ⓘ The standard charging program is automatically activated when the vehicle has been switched on.

Unlocking the charging cable (mode 3 or 4)

When the function is active, the charging cable is unlocked when the maximum state of charge is reached.

- ▶ Select **Home** or **Work**.

- ▶ Activate or deactivate **Unlock Charging Cable**.

Activating or deactivating location-based charging

- ▶ Select **Charging Program**, **Home** or **Charging Program**, **Work**.
- ▶ Activate or deactivate **Select Based on Location**.

When the function is activated, the vehicle's current position is saved as one of the selected options. When arriving at this address again, a brief prompt appears as to whether the respective charging program should be selected.

Setting the maximum state of charge

- ▶ Select **Maximum State of Charge**.
- ▶ Set the desired percentage. The high-voltage battery is charged up to the set percentage as a maximum.
- ⓘ The percentage can be set in increments of 10 %.

i As soon as the maximum state of charge is reached, a notification is shown on the central display that the charging process is complete and the journey may be continued. The maximum state of charge can be saved in the Home and Work charging program. In the Standard charging program, the setting is automatically reset to a state of charge of 100 % after the vehicle is switched on.

Setting the departure time

i The departure times cannot be set for individual charging programs.

The set departure times are used for pre-entry climate control of the vehicle.

Mercedes-AMG vehicles: the prediction for the remaining range and the maximum state of charge are not displayed.

▶ Select **Next Departure Time**.


The following charging times can be selected:

- individual charging times
- a **Week Profile**

Setting an individual departure time

▶ Select **Add New Time** and set the desired departure time.

or

▶ Select  and adapt an existing departure time.

Setting repeat days

▶ Select **Add New Time** and set the desired departure time.

▶ Mark the relevant weekdays for which the departure time should apply and confirm with **OK**.

or

▶ Select  and edit existing repeat days.

Overview of the energy flow display in the multimedia system

The active components of the hybrid system are highlighted on the energy flow display. The energy flow between the individual components is shown in color.

The components displayed are:

- State of charge of the high-voltage battery
- Combustion engine
- Energy flow
- High-voltage battery

The energy flow is shown in different colors depending on the operating status:

- **White:** constant energy flow
- **Red:** high energy flow (boost effect)
- **Green:** low-emission energy flow in the case of recuperation, electric mode and charging the high-voltage battery

Navigation and traffic

Notes on navigation

Route guidance with augmented reality

⚠ WARNING Risk of accident and injury as a result of distraction, incorrect depiction or wrong interpretation of the display

The camera image of the augmented reality display is not suitable as a guide for driving.

- ▶ Always keep an eye on the actual traffic situation.
- ▶ Avoid extended observation of the camera image.

⚠ WARNING Risk of accident and injury due to imprecise positioning of additional information


The additional information from the augmented reality display may be inaccurate and is not a substitute for observing and assessing the actual driving situation.

▶ Always keep an eye on the actual traffic situation when carrying out all driving maneuvers.

Switching navigation on

Multimedia system:



- ▶ Alternatively, press the  button on the steering wheel on the right (→ page 301). The zero layer with the digital map is displayed.

Navigation overview


Digital map




- ① Navigation module (reduced view)

Route guidance active:

The navigation module shows the information relevant to the route in the zoomed-out view, e.g. the destination or a traffic delay

 Ends the current route guidance

Tapping opens the navigation module in the expanded view with the **Route**

- ② Enters a destination
- ③ Searches for a parking space
- ④ Sets map orientation  and map type
- ⑤ Current vehicle position (vehicle symbol or arrow)
- ⑥ Display area with entertainment sources, phone, active applications and suggestions
- ⑦ Navigation window shows the next maneuver (zoomed out view) or the route monitor (zoomed in view)

Route guidance active: route monitor shows, e.g. route sections, upcoming driving maneuvers with lane recommendations, destination, traffic delays, toll stations, 3D images at freeway exits, online content

 Switches off navigation announcements

 Switches on navigation announcements

The following map orientations ④ are available:

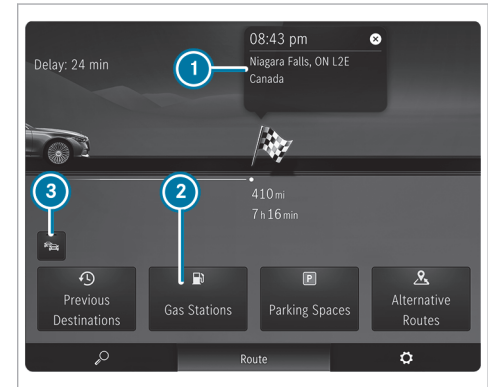
- 2D and to the north

- 2D and in the direction of travel
 - 3D and in the direction of travel
 - Map with complete route
- ① If the map is moved, the map switches between 3D direction of travel and 2D north orientation.

The following map types ④ are available:

- Daytime display
 - Night-time display
 - Satellite map
- ① If you notice a problem with the digital map you can report this under <https://mapfeedback.here.com/#/report>.

Navigation module (expanded view)



Example: route guidance is active

- ① Destination
- ② Searches for a gas station
- ③ Switches traffic information display on or off

Overview of the toll system

i The toll system is optional equipment and is not available in all vehicles.

Debiting of toll charges at freeway toll gates is facilitated with an electronic payment system.

The toll system uses RFID (Radio Frequency Identification) for data transfer between the control unit and the toll station.

The toll system is initially switched off at the factory.

The control unit is in the vehicle glove box.

In order to be able to use the toll system, it must have been registered by the customer and activated by the service provider:

- Activate the toll system in the settings of the MBUX multimedia system or on the control unit.
- There are two ways to register and activate:
 - In the Mercedes me App, register the unit identification number of the control unit and activate the toll system.

- Alternatively, you can register and activate via the **Toll Service** app.

Activation of the toll system can take up to 48 hours after registration.

When the toll system is activated, the automatic detection of the number of vehicle occupants is initially switched off at the factory. The number of vehicle occupants is preset with one person.

The following applies for roads on which toll charges are dependent on the number of vehicle occupants:

- If the automatic detection of the number of vehicle occupants is switched off, the number of vehicle occupants must be selected manually. This ensures correct toll accounting.
- The number of vehicle occupants can be transmitted automatically. In the process, the number of seat belts worn is determined.

If the number of detected persons does not correspond with the number of persons actually in the vehicle, the number of persons must be manually selected.

The standard setting of one person does not need to be changed for roads which require toll payment regardless of the number of vehicle occupants.

The toll system enables the payment of toll charges in many states of the USA.

i In Mexico, for example, the toll system can be registered and activated for journeys to the USA.

Notices

- You can only use the toll system once registration and activation are complete.
- Drive at the prescribed vehicle speed in the toll lane.
- Mercedes-Benz recommends operation using the MBUX multimedia system. Alternatively, this can also be done on the control unit in the glove box.
- For safety reasons, entries should be made while the vehicle stationary.
- For further information, please consult the Mercedes me App or an authorized Mercedes-Benz Center.

Or call 1-800-FOR-MERCEdes (in the USA) or 1-800-387-0100 (in Canada).

For information on how to register and activate the toll system, see the Digital Operator's Manual.

Destination entry

Requirements:

- **For the online search:**

- There is an Internet connection.
- Mercedes me connect is available.
- You have set up a user account in the Mercedes me Portal.
- The vehicle is connected with the user account and you have accepted the terms of use.
- Further information can be found at: <https://www.mercedes.me>
- The service is available.
- The service has been activated at an authorized Mercedes-Benz Center.

Multimedia system:



Example: entering a POI or address

- 1 Input line with current entry
- 2 Search result
- 3 Selects destination input, displays further destination inputs with double arrow
- 4 Deletes an entry

- 5 Adopts the search result in the input line and continues the search
- 6 Deletes the last character entered
- 7 Hides the keypad
- 8 Switches to handwriting recognition
- 9 Starts the MBUX voice assistant
- 10 Sets the written language
- 11 Switches to digits and special characters
- 12 Switches to upper-case or lower-case letters

▶ Enter the destination in ①. The entries can be made in any order. The search results are displayed in a list.

ⓘ Online search results for POIs may contain additional information, for example opening times and prices. The information is provided by an online map service. This online function is not available in all countries.

ⓘ You can enter a destination as a three-word address from what3words. This option is not available in all countries.

▶ Hide the keyboard with **OK**.

- ▶ Select the destination in the list. The route is calculated.
- ① Observe the notes on the MBUX multimedia system (→ page 294).

Calculating a route and using settings for route guidance



Detailed display with a route (example)

- ① Calls up alternative routes
- ② Adds an intermediate destination to the route and recalculates the route
- ③ Sets intermediate destination as new destination and calculates new route

- ④ Selects a point of interest in the vicinity of the destination
- ⑤ Address of the intermediate destination

After selection of a destination the route is be calculated.

- ▶ Select one of the options.

Calling up alternative routes



- ▶ Select **Routes**.
- ▶ Select an alternative route.

Starting route guidance (there is no route yet)

- ▶ Select  **Let's Go!**.

Calling up the detailed display with destination address


- ▶ Pull the bar between ② and ③ upwards. Depending on the destination selection and availability, online content, for example ratings and weather information, is shown. If the destination is in a different time zone, a message is displayed.


- ▶ **To share a destination:** select  **Share**. This option allows you to scan the displayed QR code.
- ▶ **To save a destination as a favorite:** select  **Favorite** and then an option.
- ▶ **To call up an Internet address:** if a web address is available, select **www**.
- ▶ **To call the destination:** if a telephone number is available, select **Call**.

Searching for POIs in the vicinity of the destination shown

- ▶ Select **In The Vicinity**.
- ▶ Search using categories, enter a search entry or search for a personal POI.


Selecting a route type

- ▶ In the navigation module (expanded view), select  (→ page 322).
- ▶ Select **Route**.
The route is calculated as a fast route with a short journey time. Trailer mode is available if a trailer has been coupled with the vehicle. If available, you can select online routes. Traffic

announcements for the route are taken into account via **Reroute Based on Traffic** .

- ⓘ Trailer mode and online routes are not available in all countries and for all vehicles.

Calculating alternative routes



- ▶ In the navigation module (expanded view), select .
- ▶ Select **View**.
- ▶ Activate **Route Overview after Start**.
Alternative routes are calculated for every route.

Selecting alternative routes


- ⓘ If **Route Overview after Start** has been switched on and a route has been calculated, the function is available.
- ▶ In the navigation module (expanded view), select **Alternative Routes**.
- ▶ When the alternative routes have been calculated, display the route in the navigation window by swiping to the right or left.
- ▶ Select **Start**.

Activating a commuter route

- ⓘ A user profile has been created and **Allow Destination Suggestions** has been activated in the user options (→ page 308). Route guidance is not active.


- ▶ In the navigation module (expanded view), select .
- ▶ Select **Route**.
- ▶ Activate **Commuter Route**.
The navigation system automatically detects that the vehicle is on a commuter route.
For the daily commuter route, traffic incidents on the route are also reported when driving without active route guidance.
- ▶ **To select or delete a commuter route:** select **Start** or .

Avoiding or using route sections, e.g. highways or ferries

- ▶ In the navigation module (expanded view), select .
- ▶ Select **Route**.


- ▶ Select **Avoid Options**.
- ▶ Activate or deactivate the avoid option.

Activating route guidance with augmented reality

- ▶ In the navigation module (expanded view), select .
- ▶ Select **View**.
- ▶ Select **Augmented Reality Video**.
- ▶ Activate or deactivate **Augmented Reality Video**.
The camera's video image is shown on the central display before a turning maneuver. The video image includes additional information.

Showing property information for route guidance with augmented reality

Route guidance with augmented reality is activated.

- ▶ In the navigation module (expanded view), select .
- ▶ Select **View**.
- ▶ Select **Augmented Reality Video**.

- ▶ Activate **Street Names** and **House Numbers**.
During route guidance, the activated options are shown as additional information in the camera image.

Using map functions

Multimedia system:




Increasing map scale

- ▶ When the map is shown, tap twice quickly with one finger on the central display.
- or
- ▶ Move two fingers apart on the central display.


Decreasing map scale

- ▶ Tap with two fingers on the central display.
- or
- ▶ Move two fingers together on the central display.

Moving the map

- ▶ When the map is displayed, swipe in any direction with one finger on the central display.
- ▶ **To reset the map to the current vehicle position:** select  **Center**.

Selecting map orientation

- ▶ Tap repeatedly on the  compass symbol on the map.

The map orientations changes in this order:

- The 2D map view is displayed so that north is always at the top.
- The 2D map view is aligned to the direction of travel.
- The 3D map view is aligned to the direction of travel.
- The map shows the complete route.

Using services

Requirements:

- There is an Internet connection.
- Mercedes me connect is available.


- You have set up a user account in the Mercedes me Portal.
- The vehicle is connected to a user account and you have accepted the conditions of use for the service.
Further information can be found at: <https://www.mercedes.me>
- The service is available.
- The service has been activated at an authorized Mercedes-Benz Center.

Multimedia system:



Showing traffic information

Route guidance uses traffic reports via Live Traffic Information.

- ▶ In the navigation module (expanded view), select  (→ page 322).
- ▶ Select **View**.
- ▶ Activate **Traffic**.

▶ Activate **Traffic Incidents** and **Free Flowing Traffic**.


Traffic incidents, for example roadworks, local area reports (e.g. fog) and warning messages, are shown on the route.

The traffic delay is displayed for the current route. The smallest value for the display for traffic delays is a minute.

- ① For more information on Live Traffic Information, please refer to the Digital Operator's Manual.

Displaying hazard warnings


If hazard warnings are available these can be shown as symbols on the map. The display depends on the settings for the **Traffic Incidents** option.

- ▶ In the navigation module (expanded view), select  (→ page 322).
- ▶ Activate or deactivate **Traffic Incidents**.
If the option is activated, all of the symbols are shown.
If the option is deactivated, the symbols are only shown when there is a hazard warning.

The following hazards may be shown on the map:

- Accidents and breakdowns
- Slippery roads, fog, crosswinds and heavy rain
- Hazards reported manually
- Vehicle with active hazard warning light
- Roadworks
- Additional hazards (if available)

Displaying online map contents

- ▶ In the navigation module (expanded view), select .
- ▶ Select **View**.
- ▶ Switch on an online service, e.g. **Weather**.
Current weather information is displayed on the navigation map, e.g. temperature or cloud cover.
The service information is not shown in all map scales, e.g. weather symbols.

Parking service

! **NOTE** Vehicle damage due to failure to observe the maximum permissible clearance height

If the vehicle height exceeds the maximum permissible clearance height, the roof and other vehicle parts may be damaged.

- ▶ Please observe the maximum clearance height indicated.
- ▶ If the vehicle exceeds the permissible clearance height, do not drive in.
- ▶ Take the modified vehicle height into account in the case of roof superstructures or other carrier systems.


! **NOTE** Vehicle damage due to failure to observe local information and parking conditions

The data is based on the information provided by the respective service providers.

Mercedes-Benz does not guarantee the accuracy of the information provided in relation to the car park or parking area.

- ▶ Always observe the local information and conditions.

i This service is not available in all countries.

▶ In the navigation module (expanded view), select  and switch on **Parking**.

▶ Tap on **P** the map.

or

▶ In the route overview, select **P** **Parking Spaces**.

▶ Select the search position and search filter, e.g. **Near Destination** and **Parking Garages**. The map shows car parks suited to the selected settings.

▶ Select a parking option. The map shows the parking options in the vicinity.

The following information is displayed (if available):

- Destination address, distance from current vehicle position and arrival time
- Information on the parking garage/car park

For example, opening times, parking charges, current occupancy, maximum parking time, **maximum access height**.

The maximum access height shown by the parking service does not replace the need for observation of the actual circumstances.

- Available payment options (Mercedes pay, coins, bank notes, cards)
- Details on parking tariffs
- Number of available parking spaces
- Payment method (e.g. at parking meters)
- Services/facilities at the parking option
- Telephone number

▶ Calculate the route (→ page 326).

Notes on the dashcam

! **NOTE** Risk of legal consequences due to violation of legal regulations and data protection provisions

You are legally responsible for operation and use of the dashcam functions.

The legal requirements relating to operation and use of the dashcam can vary depending on the country in which the dashcam is operated.

This function is not permitted in all countries.

- ▶ Before using the dashcam, read up on the content of the legal regulations, in particular the data protection requirements in the respective country of use.
- ▶ Observe the legal regulations, in particular the data protection requirements.

- ⓘ Observe the following instructions for safe operation:
 - Only use FAT32 or exFAT formatted USB storage devices.

- Use USB-IF certified USB storage devices. USB-IF is a non-profit corporation and stands for USB Implementers Forum. Based on the USB specification, USB-IF certifies, for example, USB versions, corresponding cables and plugs as well as energy supply processes via the USB interface.
- USB storage devices may be damaged if often or permanently overwritten at high speed. Mercedes-Benz recommends a high-quality external SSD drive. The abbreviation SSD stands for Solid State Drive.
- ⓘ The file size and therefore the duration of single recording is limited by the limitations of the USB flash drive format. So FAT32 formatted USB flash drives do not allow files larger than 4 GB, for example. When the file size is reached, the recording stops and you receive a notification.
- ⓘ The following functions are available in the Gallery app:
 - Switching write protection on or off

- Deleting video files

Selecting a USB device for a video recording with the dashcam

Requirements:

- At least one USB device is connected with the multimedia system .

Multimedia system:

 [Apps](#) [Dashcam](#)

- ▶ Select the USB symbol.
- ▶ Select the USB device.
- ⓘ When USB devices contain multiple partitions, recorded video files are not always displayed in the recording list. Mercedes-Benz recommends that you use USB devices with one partition.

Starting or stopping a loop recording with the dashcam

Requirements:

- For recording and saving a video file: a USB device is connected with the multimedia system.
- The vehicle is switched on.


Multimedia system:

→  >> Apps >> Dashcam

- ▶ If several USB devices are connected with the multimedia system, select a USB device (→ page 331).
If no USB device is selected, a selection is made automatically when recording starts.
- ▶ **To select recording mode:** select **Loop Recording**.
Loop Recording continuously records short video files. When the memory is full, recording is continued automatically. In doing so, the oldest video file is written over.

- ▶ **To start:** select **Start Recording**.
The length of the recording is shown. The **Do not remove the storage medium during recording. Before removing the storage medium, eject it first.** message appears. The video file is stored on the USB device.

- ▶ **To end:** select **End Recording**.

 In some countries, geo-coordinates (longitude and latitude) are shown in the video image. For technical reasons, the geo-coordinates may show greater inaccuracies.

A message may appear in the following cases:

- The camera is not functional, the **Camera Unavailable** message appears.
Have the camera checked in an authorized Mercedes-Benz Center.
- If the country border indication has been switched on.
- If an outdoor recording is started with the camera app during a dashcam recording, the dashcam recording pauses and resumes automatically after the camera recording is finished. A notification to this effect is displayed.

Starting or stopping individual recordings with the dashcam

Requirements:

- For recording and saving a video file: a USB device is connected with the multimedia system.
- The vehicle is switched on.

Multimedia system:

→  >> Apps >> Dashcam

- ▶ If several USB devices are connected with the multimedia system, select a USB device (→ page 331).
If no USB device is selected, a selection is made automatically when recording starts.
- ▶ **To select recording mode:** select **Individual Recording**.
Individual Recording stops recording when the memory limit is reached. An individual recording is automatically protected against being overwritten.

▶ **To start:** select **Start Recording**.
The length of the recording is shown. The **Do not remove the storage medium during recording. Before removing the storage medium, eject it first.** message appears. The video file is stored on the USB device.

▶ **To end:** select **End Recording**.

ⓘ In some countries, geo-coordinates (longitude and latitude) are shown in the video image. For technical reasons, the geo-coordinates may show greater inaccuracies.

A message may appear in the following cases:

- **Individual Recording:** the memory is full or there are only a few minutes recording time available. The video recording stops or will be stopped imminently.
Change the USB device or delete a video file.
- The camera is not functional, the **Camera Unavailable** message appears.
Have the camera checked in an authorized Mercedes-Benz Center.
- If the country border indication has been switched on.

- If an outdoor recording is started with the camera app during a dashcam recording, the dashcam recording pauses and resumes automatically after the camera recording is finished. A notification to this effect is displayed.

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 could 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 accident from operating mobile communication equipment while the vehicle is in motion

Mobile communication devices distract the driver from the traffic situation. This can also cause the driver to lose control of the vehicle.

- ▶ As a driver, only operate mobile communication devices when the vehicle is stationary.
- ▶ As a vehicle occupant, use mobile communication devices only in the designated area, e.g. in the rear passenger compartment.

You must observe the legal requirements for the country in which you are currently driving when operating the multimedia system and mobile communication equipment in the vehicle.

▲ 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 stowage 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 a sudden change in direction.

- ▶ Always stow objects so that they cannot be thrown around in such situations.
- ▶ Always make sure that objects do not protrude from stowage spaces, parcel nets or stowage nets.
- ▶ Close the lockable stowage spaces before starting a journey.
- ▶ Always stow and secure heavy, hard, pointed, sharp-edged, fragile or bulky objects in the trunk/cargo compartment.

Observe the additional information on stowing mobile communications devices correctly:

- Loading the vehicle (→ page 119)

Bluetooth® connection:

The menu view and the available functions in the telephone menu are in part dependent on the Bluetooth® profile of the connected mobile phone. If the mobile phone supports all the following Bluetooth® profiles, the full range of features is available:

- PBAP (Phone Book Access Profile)
 - The contacts on the mobile phone are shown automatically on the multimedia system.
- MAP (Message Access Profile)
 - The mobile phone message functions can be used on the multimedia system.
- HFP (hands-free profile)
 - Wireless telephony is available on the multimedia system.
- SAP (SIM Access Profile)

- The car telephone has access to the SIM card data and dials into the mobile phone network via the exterior antenna.

Irrespective of this, Bluetooth® audio functionality can be used with any mobile radio unit.

For information on the range of functions of the mobile radio unit to be connected, see the manufacturer's operating instructions.

Network connection:

The following cases can lead to the call being disconnected while the vehicle is in motion:

- You switch into a transmission/reception station, in which no communication channel is 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

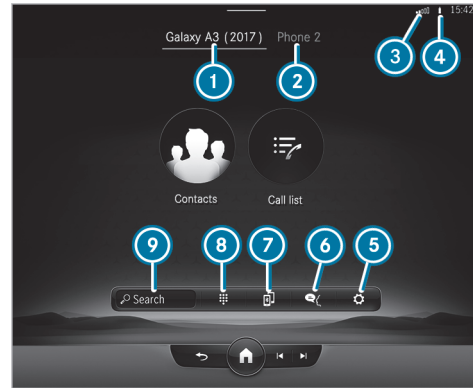
The multimedia system supports calls in HD Voice® for improved speech quality. A requirement for this is that the mobile phone and the

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.

Further information can be obtained from an authorized Mercedes-Benz Center or at: <https://www.mercedes-benz.com/connect>.

Telephone menu overview



- ❶ Bluetooth® device name of the currently connected mobile phone/of the mobile phone
- ❷ Bluetooth® device name of the currently connected mobile phone/of the mobile phone (two phone mode)
- ❸ Signal strength of the mobile phone network
- ❹ Battery status of the connected mobile phone

- ❺ Options
- ❻ Messages
- ❼ Calls up devices
- ❽ Numerical pad
- ❾ Starts contact search

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®.
- Two mobile phones are connected with the multimedia system via Bluetooth® (two phone mode).
 - You can use all the functions of the multimedia system with both mobile phones.

Connecting a mobile phone

Requirements

- Bluetooth® is activated on the mobile phone (see the manufacturer's Operator's Manual).
- Bluetooth® is activated on the multimedia system.

Multimedia system:

→ Home → Phone → ⚙️ → Devices
 → Devices

Searching for a mobile phone

▶ Select **Connect New Device**.

Connecting a mobile phone




▶ Select a mobile phone.

A code is displayed in the multimedia system and on the mobile phone.

▶ If both codes match, confirm the code on the mobile phone.

Functions in the telephony menu

In the telephony menu you have the following functions, for example:

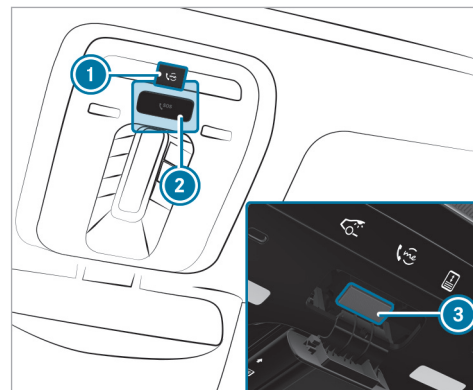
- Making calls, e.g.:
 -  Accepting a call
 -  **End Call**
 - Answering a call with a message
 -  **Conference**
 - Accepting or rejecting a waiting call

- Managing contacts, e.g.:
 - Downloading mobile phone contacts
 - Managing the format of a contact's name
 - Deleting favorites
- Receiving and sending messages, e.g.:
 - Using the read-aloud function
 - Dictating a new message

Mercedes me Apps

Mercedes me calls

▶ Making a call via the overhead control panel



- ① me button for service or information calls
- ② SOS button cover
- ③ SOS button (emergency call system)

Making a Mercedes me call

- ▶ Press me button ①.

Making an emergency call

- ▶ To open the cover of SOS button ②, press it briefly.
- ▶ Press and hold SOS button ③ for at least one second.

If a Mercedes me call is active, an emergency call can still be triggered. This has priority over all other active calls.

Information about the Mercedes me call using the me button

A call to the Mercedes-Benz Customer Center has been initiated via the me button in the overhead control panel or the multimedia system (→ page 336).

Using the voice dialog system you access the desired service:

- Accident and Breakdown Management
- Mercedes-Benz Customer Center for general information about the vehicle

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 (→ page 339).

Calling the Mercedes-Benz Customer Center using the multimedia system

Requirements

- Access to a GSM network is available.
- The contract partner's GSM network coverage is available in the respective region.
- The vehicle must be switched on so that vehicle data can be transferred automatically.

Multimedia system:



- ▶ Call **Mercedes me connect**.

After confirmation, the multimedia system sends the required vehicle data. The data transfer is shown in the display.

Then you can select a service and be connected to a specialist at the Mercedes-Benz Customer Center.

Calling the Mercedes-Benz Customer Center after automatic accident or breakdown detection

Requirements:

- The vehicle has detected an accident or breakdown situation (→ page 210).
- The vehicle is stationary.
- The hazard warning lights are switched on.

ⓘ This function is not available in all countries.

The vehicle can detect accident or breakdown situations under certain circumstances.

Requirements for collision detection in the context of accident recovery:

- The vehicle is equipped with an anti-theft alarm system (ATA) (code 551).
- The vehicle is equipped with the interior protection (code 882).
- The vehicle is equipped with the Anti-Theft Protection Package (code P54).
- The collision detection service with theft notification has been activated on Mercedes me connect.

If a collision is detected when the tow-away alarm is primed on a locked vehicle, you will receive a notification in the multimedia system when you switch the vehicle on.

The message informs you about the potentially affected area of the vehicle and the strength of the collision.

In the event an accident or breakdown is detected, the emergency guide shows safety notes in the multimedia system display. This may take a few seconds.

- ❗ The availability of collision detection depends on the vehicle.

After quitting the emergency guide display on the multimedia system, a prompt appears asking whether you would like 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 340).
- The Mercedes-Benz Customer Center 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 (→ page 345).
- ❗ 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 **Call 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 consent, the vehicle data is transferred and the Mercedes-Benz Customer Center takes your preferred appointment date. 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.

ⓘ If you select **Call Later** after the service message appears, the message is hidden and reappears at a later time.

■ Data transferred 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 vehicle 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

ⓘ The scope of the data transmitted depends on the vehicle model and vehicle equipment. For technical reasons, not all data is available at all times.

■ 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, the following data can also be called up from the vehicle by the Mercedes-Benz Customer Center:

- Current vehicle location

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. 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 (me button or situation-dependent display in the multimedia system)
- Mercedes-Benz Emergency Call System (automatic emergency call and SOS button)

The Mercedes me connect Accident and Breakdown Management and the Mercedes-Benz emergency call center are available to you around the clock.

The me button and the SOS button can be found on the vehicle's overhead control panel (→ page 336).

You can also call the Mercedes-Benz Customer Center using the multimedia system (→ page 337).

Please note that Mercedes me connect is a Mercedes-Benz service. In emergencies, first call the national emergency services using the standard national emergency service telephone numbers. In emergencies, you can also use the

Mercedes-Benz emergency call system (→ page 344).

Please note the Mercedes me connect terms of use and the data protection information for Mercedes me connect. You can find these in your Mercedes me user account.

Further information about Mercedes me connect services can be obtained in the Mercedes me Portal: <https://me.secure.mercedes-benz.com>

Information on Mercedes me connect Accident and Breakdown Management

- ❗ Accident and Breakdown Management is not available in every country. Contact an authorized Mercedes-Benz Center to find out whether this function is available in your country.

The Accident and Breakdown Management can include the following functions:

- Supplement to the Mercedes-Benz emergency call system (→ page 344)

If necessary, the contact person at the Mercedes-Benz emergency call center forwards the call to Mercedes me connect Acci-

dent 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.

- Addition to the emergency guide after automatic accident or breakdown detection (→ page 337)

In the event of a breakdown or accident, further vehicle data is sent which enables optimal support by the Mercedes-Benz Customer Center and the authorized service partner or breakdown assistance.

- Addition to the Mercedes me connect service Telediagnosics

With the Telediagnosics function, specific wear and failure reports are recorded by the service provider, in so far as these can be clearly interpreted and are available through the monitoring of components that are subject to diagnostics.

If your vehicle detects a breakdown or threat of a breakdown, you may be prompted via the multimedia system to contact the Mercedes-Benz Customer Center for further help. This prompt in the multimedia system only appears when the vehicle is stationary.

- ⓘ These services are subject to technical restrictions such as the mobile phone coverage, mobile network quality and the ability of the processing systems to interpret the transferred data. In some circumstances, this can result in delays or the failure of the information to appear in the multimedia system.

Please note that the service and breakdown call is a Mercedes-Benz service. In emergencies, be sure to contact the usual national emergency number first or use the Mercedes-Benz emergency call system (→ page 344).

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

You can find out which data is transferred when using the services in the currently valid Mercedes me connect terms of use and the data protection information for Mercedes me connect. You can find these in your Mercedes me user account.

Overview of the Mercedes me & Apps menu

When you log in with a user account to the Mercedes me Portal, then services and offers from Mercedes-Benz will be available to you.

For more information consult an authorized Mercedes-Benz Center or visit the Mercedes me Portal: <https://me.secure.mercedes-benz.com>

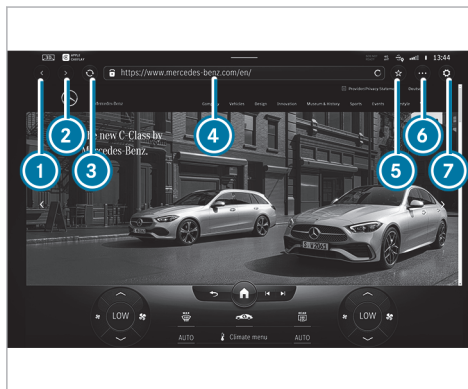
- ① Make sure you always keep the Mercedes me Apps updated.

You can call up the menu using **Apps** in the multimedia system.

In the **Apps** menu, the following options can be available:

- Connecting the vehicle with the **Mercedes me** user account
- Deleting a connection between a user account **Mercedes me** and the vehicle
- Calling up the Mercedes me services
- Calling up apps such as In-Car Office or the web browser depending on availability

Web browser overview



- ① Previous website
- ② Next website
- ③ Update
- ④ URL
- ⑤ Adds/removes bookmarks
- ⑥ Options
- ⑦ Settings

- ① Under **⋮** you have the following options:

- **Tabs**
- **Bookmarks & History**
- **Reading Mode**
- **Share Link**
- **Share Content**
- **Request Mobile Website**

- ① Websites cannot be shown while the vehicle is in motion.

Overview of Smartphone Integration

With Smartphone Integration, you can use certain functions on your mobile phone via the multimedia system display.

Only one mobile phone at a time can be connected via Smartphone Integration to the multimedia system. Also for use with two phone mode with Smartphone Integration, only one additional mobile phone can be connected using Bluetooth® with the multimedia system.

The full range of functions for Smartphone Integration is only possible with an internet connec-

tion. The appropriate application must be downloaded on the mobile phone to use Smartphone Integration. The mobile phone must be switched on and connected to the multimedia system via the USB port using a suitable cable.

Apps for Smartphone Integration:

- Apple CarPlay® (wireless connection via Bluetooth® also possible)
- Android Auto (wireless connection via Bluetooth® also possible)

i For safety reasons, the first activation of Apple CarPlay® or Android Auto on the multimedia system must be carried out when the vehicle is stationary with the parking brake.

You can start Smartphone Integration using the **Devices** menu.

You can end Smartphone Integration via the **Devices** or by disconnecting the connecting cable between the mobile phone and multimedia system.

i Mercedes-Benz recommends disconnecting the connection via the device manager or the

connecting cable only when the vehicle is stationary.

Overview of transferred vehicle data

When using Smartphone Integration, 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 315).

The following driving status data is transmitted:

- Transmission position engaged

- Distinction between parked, standstill, rolling and driving
- Day/night mode of the driver's display
- Drive type

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

The mobile phone uses this data to improve the accuracy of navigation, for example, when driving through a tunnel.

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.

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.

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 serv-

ices. After the deactivation of eCall, automatic emergency call and manual emergency call will not be available.

The vehicle 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 or manually.

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.

Information on the display:

SOS NOT READY: the vehicle is not on or eCall not available.

During an active emergency call, <schar> 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 of the emergency call system, the loudspeakers, microphone, air bag or the SOS button, for example, are faulty.

You can recognize a malfunction in the emergency call system by the following displays:

- A corresponding message appears on the driver display.

- The SOS button lights up red continuously.

Triggering an automatic Mercedes-Benz emergency call

Requirements:

- The vehicle is switched on.
- The starter battery is sufficiently charged.

The Mercedes-Benz emergency call system triggers an emergency call automatically in the following cases:

- After activation of the restraint systems such as air bags or Emergency Tensioning Devices after an accident
- After an automatically initiated emergency stop by Active Emergency Stop Assist

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 Mercedes-Benz emergency call

- ▶ **To use the SOS button in the overhead control panel:** press the SOS button at least one second long (→ page 336).

or

- ▶ **To use voice control:** use the voice commands of the MBUX Voice Assistant.

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, a corresponding message appears in the central display.

▶ Dial the local emergency number on your mobile phone.

Ending an unintentionally triggered manual Mercedes-Benz emergency call

▶ Select  on the multifunction steering wheel. Depress 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 detected 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.

Sound settings

Overview of functions in the sound menu

The setting options and functions available depend on the sound system installed. You can find out which sound system is installed in your vehicle in the Digital Operator's Manual.

Standard sound system


The following functions are available:

- Equalizer
 - Treble, mid-range and bass
- Balance and fader
- Volume
 - Automatic adjustment

ASSYST PLUS service interval display

Function of the ASSYST PLUS service interval display

The ASSYST PLUS service interval display on the driver's 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 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

Driver display:



The next service due date is displayed.

▶ **To exit the display:** press the back button  on the steering wheel.

Bear in mind the following related topic:

- Operating the driver display (→ page 288).

Information on regular maintenance work

! **NOTE** Premature wear through failure to observe service due dates

Maintenance work which is not carried out at the right time or incompletely can lead to increased wear and damage to the vehicle.

- ▶ Adhere to the prescribed service intervals.
- ▶ Always have the prescribed maintenance work carried out at a qualified specialist workshop.

Notes on special service requirements

The prescribed service interval is based on normal operation of the vehicle. Have the maintenance work carried out more often than prescribed if operating conditions are difficult or the vehicle is subject to increased stress.

The ASSYST PLUS service interval display is only an aid. It is the responsibility of the driver of the vehicle to have maintenance work carried out more often than prescribed due to actual operating conditions and/or stresses.

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, air filter, engine oil and oil filter, for example, changed more frequently. If subject to increased stress, check the tires more. Further information can be obtained at a qualified specialist workshop.

Battery disconnection periods

The ASSYST PLUS service interval display can calculate the service due date only when the battery is connected.

- ▶ Display and note down the service due date on the driver display before disconnecting the battery (→ page 347).

Maintenance Management

Notes about Maintenance Management

If the Maintenance Management service is activated, relevant data is automatically transferred to the Mercedes-Benz customer center.

The customer center transmits the data to the service partner that you have entered on the

Mercedes me website at: <http://www.mercedes.me>. You will then receive individual recommendations regarding the maintenance of your vehicle.

- ① The calculation of the optimal transmission time of the maintenance request to the service partner is subject to technical limitations that may cause the maintenance recommendation to be perceived as too early or too late or not to be made at all. In this case, you can conveniently arrange a maintenance appointment with the customer center via the maintenance reminder in the multimedia system.
- ① Maintenance Management and the maintenance reminder in the multimedia system are not available in every country. Contact an authorized Mercedes-Benz Center to find out whether this function is available in your country.

Data transferred when using Maintenance Management

When the service is activated, relevant data is automatically transferred to determine the required scope of maintenance as well as malfunction detection and malfunction rectification.

Details on data transfer can be found in the data protection information for the Mercedes me connect services. These can be found at: <https://www.mercedes.me> under "My Account", "Data Protection & Legal Notice".

- ① Maintenance Management and the maintenance reminder in the multimedia system are not available in every country.



Telediagnosis

Notes about Telediagnosis

- ① This service is not available in all countries. The vehicle can detect if certain wear parts need to be replaced or if malfunctions have occurred in vehicle systems. If the Telediagnosis service is activated, relevant data is automatically transmit-

ted to the manufacturer. If fault conditions are detected by the vehicle system self-diagnosis, the system transmits recommendations for action to the Mercedes-Benz customer center depending on the fault detected. The customer center transmits the data to the service partner that you have entered on the Mercedes me website at: <http://www.mercedes.me>.

For selected faults, the notification that a malfunction has been detected may appear in the multimedia system with a request to contact the Mercedes-Benz customer center. From this message, a call can be made directly to the customer center for assistance.


-  The transmission of a notification to the multimedia system depends on the country, vehicle model and equipment and requires a fast data connection, over which the service provider has no influence.
-  Reliable fault detection is subject to technical limitations. Therefore, only a limited selection of faults can be detected and recommendations for action transmitted to the customer center and the service partners. Mercedes-Benz AG is continuously working on the

expansion of this service. The fault detection depends on the country, vehicle model and equipment.

Data transferred when using Telediagnosics


When the service is activated, relevant data is automatically transferred to determine the required scope of maintenance as well as malfunction detection and malfunction rectification.

Details on data transfer can be found in the data protection information for the Mercedes me connect services. These can be found at: <https://www.mercedes.me> under "My Account", "Data Protection & Legal Notice".



-  The scope of the transmitted data depends on the vehicle model and its equipment. For technical reasons, not all data is available at all times.


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.

-  Do not open or close the hood if there is a person in the hood's range of movement.

⚠ WARNING Risk of burns when opening the hood

If you open the hood in the event of an overheated engine or fire in the engine compartment, the following situations may occur:

- You may come into contact with hot gases.
 - You may come into contact with other escaping hot 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 to run or start unexpectedly even when the drive system is switched off.

Observe the following if you must open the hood:

- ▶ Switch off the vehicle.
- ▶ Never touch the danger zones 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 live components

The ignition system and the fuel injection system operate with a high voltage. You could receive an electric shock.

- ▶ Never touch components of the ignition system or fuel injection system when the vehicle is switched on.

The live components include the following, for example:

- Ignition coils
- Fuel injectors

- Electric lines to the ignition coils and the fuel injectors

⚠ 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.

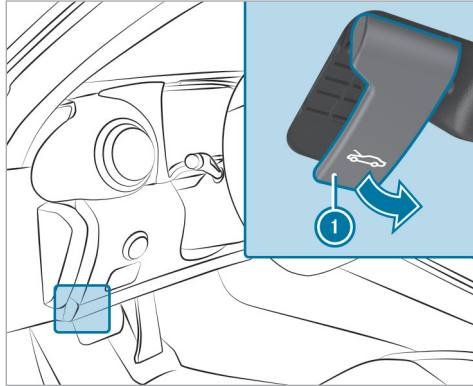
- ▶ Allow the engine to cool down and only touch component parts described in the following.

⚠ WARNING Risk of injury from using the windshield wipers when the hood is open

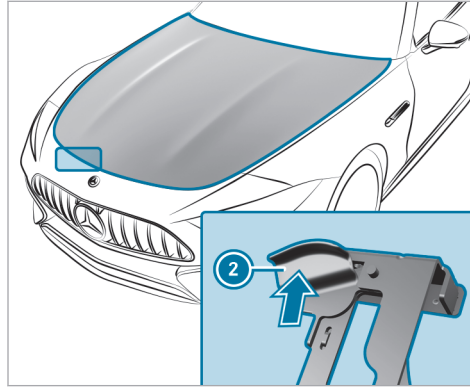
If the windshield wipers start moving when the hood is open, you could be trapped by the wiper linkage.

- ▶ Always switch off the windshield wipers and the vehicle first if you need to open the hood.

Opening the hood



- ▶ To release the hood, pull on handle ①.



- ▶ Push handle ② of the hood catch upwards and lift the hood until it opens automatically.

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 driver's display

Requirements

- The engine has been warmed up.
- The vehicle is parked on a level surface.
- The engine is running at idle speed.
- The hood is closed.

Determining the engine oil level can take up to 30 minutes with a normal driving style and even longer with an active driving style.

Driver display:

↪ [Service](#)

The engine oil level is shown.

One of the following messages will appear on the driver's display:

- **Engine Oil Level Measuring Now...**: the engine oil level cannot be determined yet.
- ▶ Repeat the request after a maximum of 30 minutes' driving.
- **Engine Oil Level OK** and the bar display for indicating the engine oil level on the driver's display is green and is between "min" and "max": the engine oil level is correct.
- **Engine Oil Level Refill 1,0 liq.gal.** and the bar display for indicating the engine oil level on the driver's display is yellow and is below "min":
- ▶ Add 1.1 US qt (1 l) of engine oil.
- **Engine Oil Level Reduce** and the bar display for indicating the engine oil level on the driver's display is yellow and is above "max":
- ▶ Drain off any excess engine oil that has been added. To do so, consult a qualified specialist workshop.
- **For Engine Oil Level Switch on Vehicle**

- ▶ Switch on the vehicle to check the engine oil level.
- **Engine Oil Level System Inoperative:** The oil level sensor is defective or not connected.
- ▶ Consult a qualified specialist workshop.
- **Engine Oil Level System Currently Unavailable**
- ▶ Close the hood.

■ Adding 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

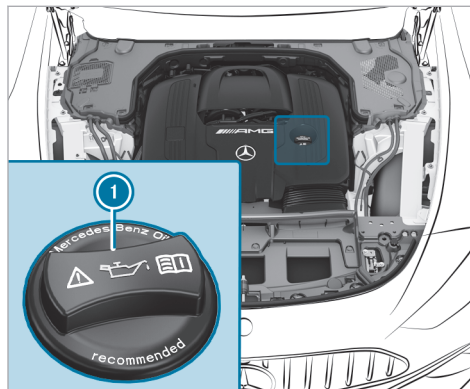
- ▶ Do not use engine oils or oil filters which do not correspond to the specifications explicitly prescribed for the service intervals.
- ▶ Follow the instructions on the service interval display for changing the engine oil and observe the prescribed change intervals.
- ▶ Do not use additives.

! **NOTE** Damage caused by adding too much engine oil

Excessive engine oil can damage the engine or the catalytic converter.

- ▶ Have excess engine oil removed in a qualified specialist workshop.

i Depending on driving style, the vehicle will consume up to 0.9 US qt (0.8 liters) of oil per 600 miles (1000 km). The oil consumption may also 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.
- ▶ Recheck the oil level (→ page 351).

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 scald yourself.

- ▶ Allow the engine to cool down before opening the cap.
- ▶ When opening the cap, wear protective gloves and safety glasses.
- ▶ Open the cap slowly to release pressure.

▶ Have the coolant checked or refilled only at a qualified specialist workshop.

Refilling the windshield washer system

⚠ WARNING Risk of burns from hot component parts in the engine compartment

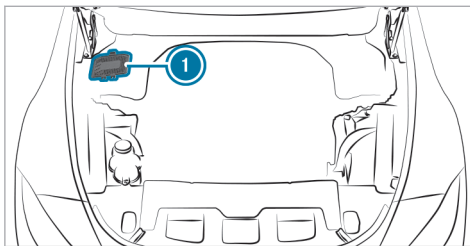
Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

▶ 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.



▶ Open cover ①.



▶ Remove cap ② by the tab.

▶ Add washer fluid.

▶ Close cover ①.

i Further information about the windshield washer fluid (→ page 425).

Keeping the air/water duct free

- ▶ Keep the area between the hood and the windshield free of deposits, e.g. ice, snow or leaves.

Cleaning and care

Information on washing the vehicle in a car wash

⚠ WARNING Risk of accident due to reduced braking effect after washing the vehicle

The braking effect is reduced after washing the vehicle.

- ▶ After the vehicle has been washed, brake carefully while paying attention to the traffic conditions until the braking effect has been fully restored.

! NOTE Damage from automatic braking

If one of the following functions is activated, the vehicle will brake automatically in certain situations:

- Active Brake Assist
- Active Distance Assist DISTRONIC
- HOLD function
- Active Parking Assist

To avoid damage to the vehicle, switch off these systems, e.g. when towing or using a car wash.

! NOTE Damage due to unsuitable car wash

- ▶ Before driving into a car wash make sure that the car wash is suitable for the vehicle dimensions.
- ▶ Ensure there is sufficient ground clearance between the underbody and the guide rails of the car wash.

- ▶ Ensure that the clearance width of the car wash, in particular the width of the guide rails, is sufficient.

To avoid damage to your vehicle when using a car wash, ensure the following beforehand:

- To avoid the possibility of water getting into the vehicle, it is preferable to use car washes that allow high-pressure pre-cleaning to be deactivated (specification for the convertible programs).
- Avoid any hot-wax treatment.
- Active Distance Assist DISTRONIC is deactivated.
- The HOLD function is switched off.
- The 360° camera or the reversing camera is switched off.
- The extendable rear wing is fully retracted.
- The active aerodynamics profile is fully retracted.
- The side windows and soft top are fully closed.

- The blower of the ventilation and heating is switched off.
 - The windshield wiper switch is in position **0**.
 - The key is at a minimum distance of 20 ft (6 m) from the vehicle. Otherwise, the trunk lid or a door could open unintentionally. This also applies to the Digital Vehicle Key.
 - For car washes with conveyor systems:
 - Neutral **N** is engaged.
 - The vehicle is locked from the inside.
- i** Removing the wax from the windshield and the wiper blades after washing the vehicle will help avoid smearing and reduce wiper noise.

Information 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:

- The key is at a minimum distance of 10 ft (3 m) away from the vehicle. Otherwise the trunk lid could open unintentionally. This also applies to the Digital Vehicle Key.
- Maintain a distance of at least 11.8 in (30 cm) to the vehicle.
- **Vehicles with decorative films:** Parts of your vehicle are covered with a decorative film. Maintain a distance of at least 27.6 in (70 cm) between the film-covered parts of the vehicle and the nozzle of the power washer. Move the nozzle of the power washer around while 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 point the nozzle of the power washer directly at sensitive parts, e.g. tires, soft top, wind deflector net, gaps, electrical components, batteries, illuminants or ventilation louvers.

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 relevant legal requirements (e.g. in some countries, washing by hand is permitted only in specially designated wash bays).

- ▶ Use a mild cleaning agent, e.g. car shampoo.
- ▶ Do not use acidic cleaning agents.

- ▶ 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.
- i** Observe the notes on the care of vehicle parts (→ page 359).

Notes on paintwork/matte finish paintwork care

To avoid damaging the paintwork and interfering with the driving assistance systems, please observe the following notes:

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. Only have film attached to the bumper at a qualified specialist workshop.
 - Remove dirt immediately, where possible. Do not use acidic solutions and acidic cleaning agents.

Matte finish

- Only use care products approved for Mercedes-Benz.
- Do not attach stickers, films or similar materials. Only have film attached to the bumper at a qualified specialist workshop.
- Do not polish the vehicle or the light-alloy wheels.
- Only use car washes that correspond to the latest engineering standards.
- Do not use a car wash program with a final hot wax treatment.
- Do not use paint cleaners, buffing or polishing products, gloss preservers, e.g. wax.

In the event of paintwork damage:

- Always have paintwork repairs carried out at a qualified specialist workshop.
- Make sure the radar sensors function (→ page 212).

Notes on cleaning decorative car films

Please observe the "Notes on paintwork/matt paintwork care" (→ page 357). These notes also apply for matt decorative car films.

To avoid damage, please observe the notes on cleaning decorative car films.

Cleaning

- When cleaning with a power washer, maintain a minimum distance of 27.6 in (70 cm) between the film-covered parts of the vehicle and the nozzle of the power washer.
- To clean, use lots of water and a mild cleaning agent without additional or abrasive products, e.g. a car shampoo approved for Mercedes-Benz.
- Do not use any acidic cleaning agents.

- Remove dirt immediately, if possible. Avoid hard rubbing to avoid damaging the decorative car film irreparably.
- In case of dirt embedded in the surface or a dull decorative car film: use the 'Paint Cleaner' cleaning agent 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.
- Dry vehicles covered with car film after every wash using a soft, absorbent cloth to prevent water stains.

Preventing damage to the decorative car film

- The durability and color of decorative car films are affected by:
 - Solar radiation
 - Temperature, e.g. heat gun
 - Weather
 - Stone chips and dirt
 - Chemical cleaning products

- Products containing grease

- Do not use polishes on matt decorative car films. Polishing results in the film-covered surface developing a shine.
- Do not use wax on matt or structured decorative car films. This may result in permanent stains.

Scratches, corrosive deposits, etched areas and damage caused by inadequate care cannot always be completely repaired. In such cases, please contact a qualified specialist workshop.

For more information about special care and cleaning products, please contact the manufacturer.

Laminated surfaces may exhibit optical differences to surfaces which were not protected by a decorative film when the decorative film is removed.

- ① Have work or repairs on decorative car film carried out at a qualified specialist workshop, e.g. a Mercedes-Benz Service Center.

Information on window films

! **NOTE** Damage to electronic components due to excess fluids

When window films have been retrofitted, fluids such as cleaning agents or water may run down and get behind trim parts of the vehicle interior and cause damage to electronic components.

- ▶ Use cleaning agents as sparingly as possible.
- ▶ Immediately absorb any excess fluids.

Notes on cleaning and care of the soft top

Observe the following notes in order to prevent damage to the soft top.

Light dirt

- Clean the soft top when dry.
- Rinse with clean water.

Normal to heavy dirt

- Clean the soft top with a brush and clean water.
 - Clean stains and other heavy dirt with a brush and soft-top cleaning agents recommended and approved for Mercedes-Benz.
 - Brush from front to back in the direction of the fabric.
- ⓘ Keep the area between the soft top and both the side wall and trunk lid free of deposits, such as leaves or pine needles. Otherwise, the soft top may leak.

Avoiding soft-top damage

- Never use gasoline, thinners, tar or stain remover or other organic solvents.
- Remove bird droppings immediately because they are corrosive and may therefore damage the soft-top fabric.
- Never use a power washer.
- Do not use sharp-edged equipment to remove ice and snow.

Frequent cleaning reduces the soft top's resistance to dirt. To restore the effect, clean the soft top with the soft-top cleaning agents recommended and approved for Mercedes-Benz.

Incorrect cleaning and care, as well as aging, can cause the soft-top seams to leak.

- ⓘ Cover the soft top appropriately if you plan to leave the vehicle outside for a long period of time.

Cleaning the folding wind deflector

! **NOTE** Damage to the net due to using a power washer

- ▶ Never use a power washer to clean the net of the wind deflector.

Requirements

- Make sure that the notes on the correct installation and stowing location of the folding wind deflector are observed (→ page 94).
- ▶ Clean the folding wind deflector net with a damp cloth in conjunction with the care prod-

ucts and cleaning agents recommended and approved for Mercedes-Benz.

Notes on car parts cleaning and care

! **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 vehicle 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 super-

▶ **!** Watch children especially closely in this area.

- ▶ Allow vehicle parts to cool down before touching them.

! **NOTE** Damage caused by acidic cleaning agents

- ▶ Do not use acidic cleaning agents. Otherwise, the surfaces could be damaged.

To avoid damage to the vehicle, observe the notes on cleaning and care of the following car parts:

Windows

! **NOTE** Damage to electronic components due to excess fluids

When cleaning the windows from the inside, fluids such as cleaning agents or water may run down and get behind trim parts of the vehicle interior and cause damage to electronic components.

▶ Use cleaning agents as sparingly as possible.

▶ Immediately absorb any excess fluids.

- Clean the 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 insides of windows.

i After changing the wiper blades or treating the vehicle with wax, clean the windshield thoroughly with cleaning agents recommended for Mercedes-Benz. Failure to observe the application instructions may result in damage, smear marks or glare spots.

i Remove external misting or dirt on the windshield in front of the multifunction camera. Otherwise, driving systems and driving safety systems may be impaired or unavailable (→ page 212).

Wheels and rims

- Use water and acid-free alloy wheel cleaners.

- Do not use acidic alloy wheel cleaners to remove brake dust. This could damage wheel bolts and brake components.
- To avoid corrosion of the brake discs and pads, drive the vehicle for a few minutes after cleaning before parking it. The brake discs and brake linings will warm up and dry out.

Wiper blades

- Move the wiper arms into the replacement position (→ page 143).
- With the wiper arms folded out, clean the wiper blades with a damp cloth.
- i** Note that the wiper blades are coated. The coating may leave residue on a cloth. Do not rub the wiper blades excessively or clean them too often.

Exterior lighting

- Clean the lenses with a wet sponge and mild cleaning agent (e.g. car shampoo).
- Use only cleaning agents or cleaning cloths that are suitable for plastic lenses.

Vehicle socket (high-voltage battery)

- Use clean water and a soft cloth to clean the vehicle socket.
- Do not use power washers or cleaning agents, such as soap.

Sensors

- Clean the sensors in the front and rear part of the vehicle with car shampoo, plenty of water and a soft cloth (→ page 212).
- When using a power washer, maintain a minimum distance of 11.8 in (30 cm).

Cameras

- Open the camera cover with the multimedia system (→ page 270).
- Use clean water and a soft cloth to clean the camera lenses.
- Do not use a power washer.

i Remove external misting or dirt on the windshield in front of the multifunction camera. Otherwise, driving systems and driving safety systems may be impaired or unavailable (→ page 212).

Extendable rear fender

- Extend the rear fender when washing by hand (→ page 261).
- Clean the rear fender with a soft car sponge and mild cleaning agent (e.g. car shampoo).
- Retract the rear fender completely after drying (→ page 261).
- Do not use a power washer.

Active aerodynamics profile

- Extend the active aerodynamic profile for washing by hand (→ page 262).
- Clean the active aerodynamic profile with a soft car sponge and mild cleaning agent (e.g. car shampoo).
- Completely retract the active aerodynamic profile after drying (→ page 262).
- 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 fatal injuries 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.

! **NOTE** Property damage due to disinfectants

The interior includes a number of sensitive surfaces such as displays, plastics and leather.

Disinfectants can contain alcohol and other substances that penetrate and damage surfaces. Technology behind buttons and displays can also be damaged.

▶ Do not use disinfectant on interior surfaces.

To avoid damage to the vehicle, observe the following notes on cleaning and care:

Seat belts

- Clean with lukewarm and soapy water.
- Do not use chemical cleaning agents.
- Do not dry 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.

Head-up display

- Clean with a soft, non-static, lint-free cloth.
- Do not use cleaning agents.

Plastic trim

- Clean with a damp microfiber cloth.
- For heavy soiling: Use a cleaning agent 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 cleaning agent recommended for Mercedes-Benz.
- Do not use solvent-based cleaning agents, polishes or waxes.

Trim elements made of black chrome

- Use a mild, non-abrasive, alcohol-based cleaning agent (e.g. window cleaner).
- Wipe down with a microfiber cloth.
- For heavy soiling, clean the trim elements several times.

Headliner

- Clean with a brush or dry shampoo.

Carpet

- Use a carpet and textile cleaning agent recommended for Mercedes-Benz.

Imitation leather steering wheel

- Clean the entire steering wheel with a damp cotton cloth and a 1% soap solution. Do not spot clean.
- Use cleaning and care products recommended for Mercedes-Benz.

- Do not use a microfiber cloth.
- Do not use oil-based cleaning and care products.

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 a 1% soap solution and then wipe with a dry cloth.
- For heavy soiling: Use a cleaning agent 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 characteristics, such as differences in structure, marks caused by growth and injury or subtle color differences. These surface characteristics are particular to leather, and are not material defects. Leather is also subject to a natural aging process, which changes the surface characteristics.

Genuine leather seat covers

- Vacuum up dirt such as crumbs or dust and then clean the seat covers with a damp cotton cloth and wipe down with a dry cloth. Regularly clean the seat covers.
 - For heavy soiling: use a leather care agent recommended for Mercedes-Benz aftercare.
 - Leather care: Use a leather care agent that has been recommended for Mercedes-Benz.
 - Do not use a microfiber cloth.
 - Do not allow the leather to become too damp.
 - Do not use oil-based cleaning and care products.
- i** Leather is a natural product. It has natural surface characteristics, such as differences in

structure, marks caused by growth and injury or subtle color differences. These surface characteristics are particular to leather, and are not material defects. Leather is also subject to a natural aging process, which changes the surface characteristics. Waves or wrinkling in the seat cover may occur due to the stress on the seat; this is caused by the natural leather material. Regular cleaning and care of the leather reduces soiling, wear marks and aging damage and thus significantly extends its life span. Clothing that can leave stains (e.g. jeans) may discolour the leather.

DINAMICA seat covers

- Vacuum up dirt such as crumbs or dust and then use a damp cloth to clean.
- Do not use a microfiber cloth.

Imitation leather seat covers

- Vacuum up dirt such as crumbs or dust and then use a damp cotton cloth and a 1% soap solution to clean the entire seat cover. Do not spot clean.

364 Maintenance and care

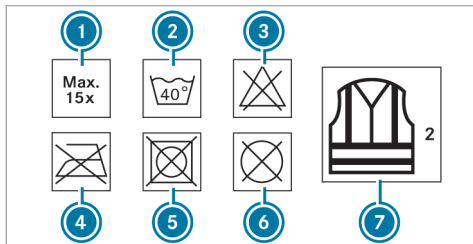
- Use cleaning and care products recommended for Mercedes-Benz.
- Do not use a microfiber cloth.
- Do not use oil-based cleaning and care products.

Emergency

Removing the safety vest

The safety vests are located in the glove box upon delivery of the vehicle.

- ▶ Pull out the safety vest bag using the loop.
- ▶ Open the safety vest bag and take 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.

Exchange the safety vest in the following cases:

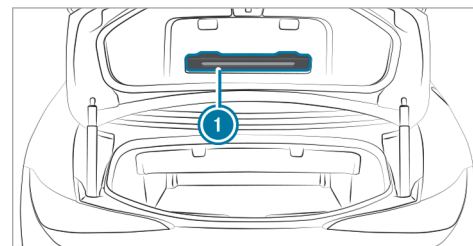
- The reflective strips are damaged or dirty.
- The maximum permissible number of washes is exceeded.
- The fluorescence property decreases, e.g. due to permanent exposure to sunlight.

Dispose of the safety vest in an environmentally friendly way:

- Please contact your local waste disposal company.

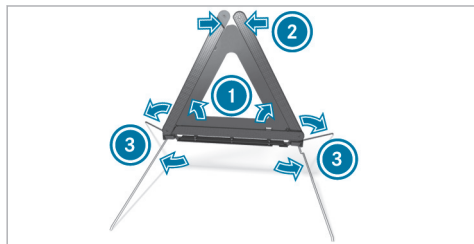
Warning triangle

Removing the warning triangle



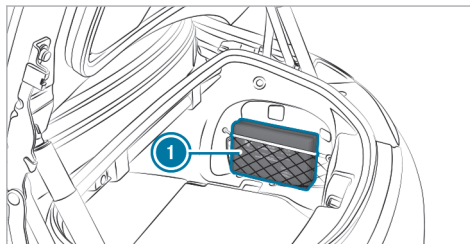
- ▶ The warning triangle holder ① is located in the trunk lid.

Setting up the warning triangle



- ▶ Fold the side reflectors ① upwards to form a triangle and attach using the upper snap fastener ②.
- ▶ Fold the legs ③ down and out to the side.

First-aid kit (soft sided) overview



First-aid kit (soft sided) ① is located on the right side of the trunk.

Removing the fire extinguisher

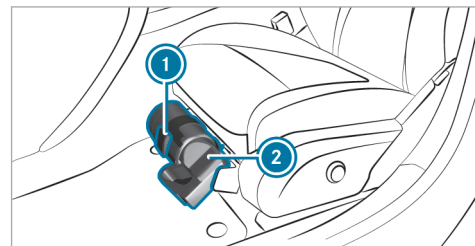
⚠ WARNING Risk of accident due to an incorrectly secured fire extinguisher in the driver's footwell

A fire extinguisher may impede pedal travel or block a depressed pedal.

This jeopardizes the operating and road safety of the vehicle.

The fire extinguisher can be flung around and injure the driver or other vehicle occupants.

- ▶ Always store and secure the fire extinguisher in the bracket.
- ▶ Do not remove the fire extinguisher while driving.



- ▶ Pull tab ① upwards.
- ▶ Fold tab ① down.
- ▶ Remove fire extinguisher ②.

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 steering and braking.

Tires without run-flat characteristics:

- ▶ Do not drive on 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 tires).

In the event of a flat tire, the following options are available depending on your vehicle's equipment:

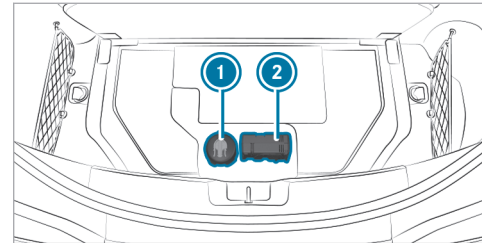
- **Vehicles with a TIREFIT kit:** you can seal the tire so that it is possible to continue the jour-

ney for a short period of time. To do this, use the TIREFIT kit (→ page 367).

- **Vehicles with Mercedes me connect:** you can make a call for breakdown assistance in the case of a breakdown (→ page 337).
 - **All vehicles:** change the wheel (→ page 409).
- i** The emergency spare wheel is available only in certain countries (→ page 415). Vehicles with MOExtended tires are not equipped with a TIREFIT kit at the factory. When retrofitting your vehicle with tires that do not have run-flat capabilities, e.g. winter tires, you should also equip it with a TIREFIT kit. You can obtain a TIREFIT kit in a qualified specialist workshop.
- Vehicles with a Mercedes-Benz emergency call system that are not equipped with a TIREFIT kit:** in the event of a flat tire, consult the Mercedes-Benz emergency call system Customer Assistance center.

TIREFIT kit storage location

The TIREFIT kit is located under the trunk floor.



- 1** Tire sealant bottle
- 2** Tire inflation compressor

Using the TIREFIT kit

Requirements

- Tire sealant bottle and tire inflation compressor are ready for use (→ page 367).
- TIREFIT sticker is displayed.
- Gloves are present.

You can use TIREFIT tire sealant to seal perforation damage of up to 0.16 in (4 mm), particularly

in the tire tread. 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.

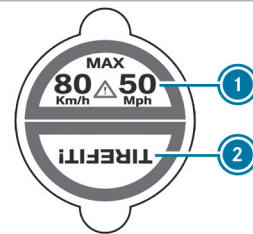
! **NOTE** Overheating due to the tire inflation compressor running too long

- ▶ Do not run the tire inflation compressor for longer than ten minutes without interruption.

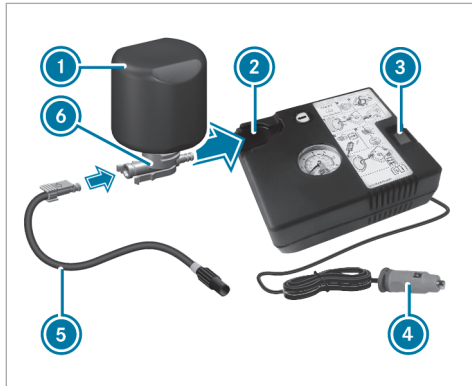
Observe the manufacturer's safety notes on the sticker on the tire inflation compressor.

Have the tire sealant bottle replaced at a qualified specialist workshop every five years.

- ▶ Do not remove any foreign objects that have pierced the tire.

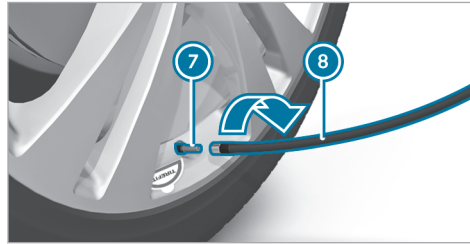


- ▶ Affix part ① of the TIREFIT sticker to the instrument cluster within the driver's field of vision.
- ▶ Affix part ② of the TIREFIT sticker near the valve on the wheel with the defective tire.



- ▶ 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 defective tire.
- ▶ Screw filling hose ⑧ onto valve ⑦.
- ▶ Insert plug ④ into a 12 V socket in your vehicle.
- ▶ Switch on the vehicle.

- ▶ Switch on the tire inflation compressor using On/Off switch ③. The tire will be inflated. First, tire sealant will be pumped into the tire. The pressure may briefly rise to approximately 500 kPa (5.0 bar/73 psi).

Do not switch off the tire inflation compressor during this phase!

- ▶ Allow the tire inflation compressor to run for a maximum of ten minutes. The tire should then have attained a tire pressure of at least 200 kPa (2.0 bar/29 psi).

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 (2.0 bar/29 psi) has not been attained:

- ▶ Switch off the tire inflation compressor.

- ▶ Unscrew the filling hose from the valve of the defective tire.

Please note that tire sealant may leak out when you unscrew the filling hose.

- ▶ Drive the vehicle 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 (2.0 bar / 29 psi).

⚠ WARNING Risk of accident due to the specified tire pressure not being achieved

If the specified tire pressure is not achieved after the specified time, the tire is too badly damaged. The tire sealant cannot repair the tire in this instance.

The braking characteristics as well as the 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 (2.0 bar/29 psi) has been attained:

- ▶ Switch off the tire inflation compressor.
- ▶ Unscrew the filling hose from the valve of the defective 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 of 50 mph (80 km/h) for a tire sealed with tire sealant.

! 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.

- ▶ Stow the tire sealant bottle and the tire inflation compressor.
- ▶ 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 (1.3 bar/19 psi).

⚠ 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.

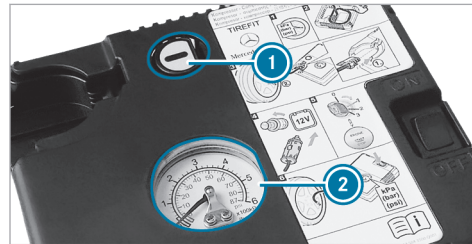
- ▶ Do not continue driving.
- ▶ Consult a qualified specialist workshop.

In cases such as the one mentioned above, contact an authorized Mercedes-Benz Center. Alternatively, 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 (1.3 bar/19 psi). For values, see the tire and loading information table on the B-pillar on the driver's side or the tire pressure table on the fuel filler flap.

lar on the driver's side or the tire pressure table on the fuel filler flap.

- ▶ **To increase the tire pressure:** switch on the tire inflation compressor.



- ▶ **To reduce 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 should remain on the tire sealant bottle.
- ▶ Drive to the nearest qualified specialist workshop and have the tire, tire sealant bottle and filling hose replaced.

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.

- More information on ABS (→ page 214)
- More information on ESP® (→ page 215)

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

All vehicles except vehicles with a lithium-ion battery

⚠ WARNING Risk of explosion due to electrostatic charge

Electrostatic charge can ignite the highly explosive gas mixture in the battery.

- ▶ To discharge any electrostatic charge that may have built up, touch the metal vehicle body before handling the battery.

The highly flammable gas mixture is created while the battery is charging and during starting assistance.

⚠ WARNING Danger of chemical burns from the battery acid

Battery acid is caustic.

- ▶ Avoid contact with the skin, eyes or clothing.
- ▶ Do not lean over the battery.
- ▶ Do not inhale battery gases.
- ▶ Keep children away from the battery.
- ▶ Immediately rinse battery acid off thoroughly with plenty of clean water and seek medical attention immediately.

All vehicles

🔥 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.

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 if the 12-V-battery is used improperly.



Fire, open flame 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, apron and face mask. Immediately rinse electrolyte or acid splashes off with clean water. Consult a doctor.



Do not place heavy objects on the surface of the battery or use the battery to support a person in any way.



Wear safety goggles.



Keep children away.



Observe this Operator's Manual.

If you do not intend to use the vehicle over an extended period of time, observe the following:

- **If available:** activate standby mode (→ page 211).

Please note that on vehicles with the Load Compartment Package it is not possible to charge via the 12 V socket in the trunk when on 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 the 48 -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 214)
- Further information on ESP® (→ page 215)



ENVIRONMENTAL NOTE Environmental damage due to improper disposal of batteries



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



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

Only have work on the 48 -V- battery carried out at a qualified specialist workshop.

Comply with safety notes and take protective measures when handling batteries.



Risk of explosion if the 48 -V - battery is used improperly.



The surface of the 48 -V - battery may be hot.



Fire, open flame and smoking are prohibited when handling the battery. Avoid creating sparks.



Electrolyte or battery acid is corrosive. Avoid contact with your skin, eyes or clothing. Wear suitable protective clothing, in particular gloves, apron and face mask.



Immediately rinse off splashes of electrolyte or acid with plenty of clean water. Consult a doctor.

Do not place heavy objects on the surface of the battery or use the battery to support a person in any way.



Do not perform any work on the battery. Always have any work on the battery carried out at a qualified specialist workshop. Do not disconnect the battery yourself. Do not remove the battery yourself. Do not attempt to open the battery.



Keep children away.



Wear safety goggles.



Observe this Operator's Manual.

If you do not intend to use the vehicle over an extended period of time, observe the following:

- **If available:** activate standby mode (→ page 212).

Notes on the high-voltage battery

⚠ DANGER Risk of fire and explosion from excessive internal pressure of the high-voltage battery

In the event of a vehicle fire, flammable gas can escape and ignite.

- ▶ If there is an unusual smell, smoke or burn marks, stop the charging process immediately.
- ▶ Leave the danger zone immediately. Secure the danger area at a sufficient distance.
- ▶ Call the fire service.

Observe the notes on charging the high-voltage battery (→ page 193).



Risk of explosion.



Fire, naked 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.



Wear safety glasses.



Keep children away.



Observe this Operator's Manual.

Notes on starting assistance and charging the 12-V-battery

Always use the jump-start connection point in the engine compartment for charging the battery and jump starting.

i On vehicles with the Load Compartment Package it is also possible to charge via the 12 V socket on the right side in the trunk if this has been prepared for charging by a qualified specialist workshop. This requires standby mode to be deactivated in the MBUX multimedia system (→ page 211).

! **NOTE** Damage to the battery due to over-voltage

When charging using a battery charger without a maximum charging voltage, the battery or the on-board electronics may be damaged.

▶ Only use battery chargers with a maximum charging voltage of 14.8 V.

! **WARNING** Risk of explosion due to a mixture of explosive gases

A mixture of explosive gases can escape from the battery during charging and jump starting.

- ▶ Fire, open flames, smoking and creating sparks must be avoided.
- ▶ Make sure that there is sufficient ventilation.
- ▶ Do not stand over the 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 must neither charge the battery nor give the vehicle starting assistance.

The service life of a defrosted battery may be drastically shortened. The starting behavior may deteriorate, in particular at low temperatures.

Having a defrosted battery checked at a qualified specialist workshop is recommended.

! **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.

- Uninsulated parts of the terminal clamps must not come into contact with other metal parts as long as the jumper cables/charging cables are connected to the battery/the jump-start connection point.
- The jumper cables/charging cables must not touch any parts which may move when the engine is running.
- Make sure that neither you nor the battery are electrostatically charged.
- Avoid fire and open flame.
- Do not bend over a battery.
- Ensure 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 described order of battery terminals.

When charging the battery also observe the following points:

- Only use chargers tested and approved for Mercedes-Benz.
- Read the charger's operating manual before you charge the battery.

Also observe the following points during starting assistance:

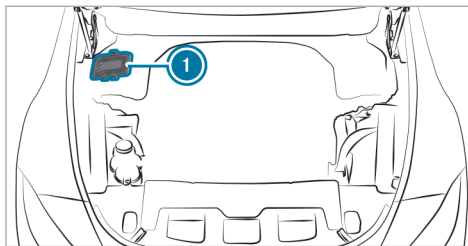
- Starting assistance may only be provided using vehicles, batteries or other jump-start devices with a nominal voltage of 12-V-.
- The vehicles must not touch each other.
- Take care to connect only battery terminals of identical polarity.
- Observe the sequence described for connecting- and disconnecting 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

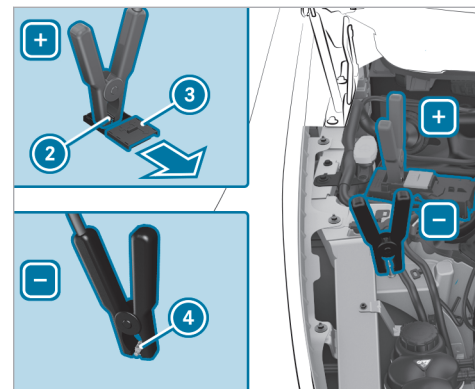
Requirements:

- The vehicle is secured with the electric parking brake.
- **Vehicles with automatic transmission:** the transmission is in position **P**.
- The vehicle and all electrical consumers are switched off.
- The hood is open.

- i** The charging process via the jump-start connection point is described below. On vehicles with the Load Compartment Package it is also possible to charge via the 12 V socket on the right side in the trunk if it has been prepared for charging by a qualified specialist workshop. This requires standby mode to be deactivated in the MBUX multimedia system (→ page 211).



▶ Open cover **1**.



Engine compartment (example)

- ▶ Slide cover **3** of positive clamp **2** on the jump-start connection point in the direction of the arrow.
- ▶ Connect positive contact **2** on your vehicle to the positive terminal 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 terminal of the donor battery and ground point ④ 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 ④ and the negative terminal

of the donor battery, then from positive contact ② and the positive terminal of the donor battery. Begin each time with the contacts on your own vehicle first.

- ▶ After removing the jumper cable/charging cable, close cover ③ of positive contact ②.
- ▶ Close the cover ①.

If your vehicle has been started with starting assistance, it may not be possible to use the electric drive for approximately 30 minutes.

Further information can be obtained at a qualified specialist workshop.

Replacing the 12 V battery

- ▶ Observe the notes on the 12 V battery (→ page 371).

Mercedes-Benz recommends that you have the 12 V battery replaced at a qualified specialist workshop, e.g. at a Mercedes-Benz Service 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 battery with AGM -technology (Absorbent Glass Mat) or a lithium-ion battery. Full vehicle functionality is only guaranteed with an AGM battery or 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 the 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

Overview of permissible towing methods (not plug-in hybrids)

! NOTE Damage from automatic braking

If one of the following functions is activated, the vehicle will brake automatically in certain situations:

- Active Brake Assist
- Active Distance Assist DISTRONIC
- HOLD function
- Active Parking Assist

To avoid damage to the vehicle, switch off these systems, e.g. when towing or using a car wash.

Mercedes-Benz recommends transporting your vehicle in case of a breakdown, rather than towing it.

For towing with both axles on the ground, use a tow rope or tow pole. Do not use tow bar systems.

! WARNING Risk of accident when towing with steering wheel locking

When the steering wheel locking is engaged, you can no longer steer the vehicle.

- ▶ Always switch on the vehicle when towing with a tow rope or tow bar.

! NOTE Damage to the vehicle due to towing away incorrectly

- ▶ Observe the instructions and notes on towing away.

Permitted towing methods

Towing methods

Both axles on the ground	Yes, for a maximum of 30 miles (50 km) at 30 mph (50 km/h)
Front axle raised	No
Rear axle raised	No

Permitted towing methods (plug-in hybrid)

! NOTE Damage caused by towing

Towing can damage the hybrid system.

- ▶ Have the vehicle loaded and transported rather than towed.

Towing the vehicle with both axles on the ground

- ▶ Observe the notes on the permitted towing methods (→ page 379).
- ▶ Make sure that the battery is connected and charged.

Observe the following points when the battery is discharged:

- The vehicle cannot be started.
- The electric parking brake cannot be released or applied
- the automatic transmission cannot be shifted to position **N** or **P**

- ⓘ If the automatic transmission cannot be shifted to position **N**, or the driver display does not show anything, have the vehicle transported (→ page 381). A tow truck with lifting equipment is required to transport the vehicle.

! **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 the vehicle to be tow-started or towed away is heavier than the permissible gross mass of your vehicle, the following situations can occur:

- The towing eye may become detached.
- The vehicle/trailer combination may swerve or rollover.

▶ Before tow-starting or towing away, check if the vehicle to be tow-started or towed away exceeds the permissible gross mass.

If a vehicle has to be tow-started or towed, its gross vehicle weight rating must not exceed the gross vehicle weight rating of the towing vehicle.

- ▶ Information on the gross vehicle weight rating can be found on the vehicle identification plate (→ page 418).
- ▶ Do not open the driver's door or front passenger door; the automatic transmission

will otherwise automatically shift to position **P**.

- ▶ Install the towing eye (→ page 382).
- ▶ Fasten the towing device.

! **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 83).
- ▶ Do not activate the HOLD function.
- ▶ Deactivate tow-away alarm (→ page 103).
- ▶ Deactivate Active Brake Assist (→ page 245).
- ▶ Shift the automatic transmission to position **N**.
- ▶ Release the electric parking brake.

⚠ WARNING Risk of accidents due to restricted safety-related functions during towing

Safety-relevant functions will be restricted or no longer available in the following situations:

- The vehicle is switched off.
- The brake system or the power steering is malfunctioning.
- The power supply or the on-board electrical system is defective.

If your vehicle is being towed, considerably more force may be required for steering and braking.

In addition, important vehicle display messages will not be visible if the driver display is faulty.

- ▶ Use a tow bar.
- ▶ Before towing, ensure that the driver's display is operational and the steering can move freely.

! NOTE Damage due to excessive tractive power

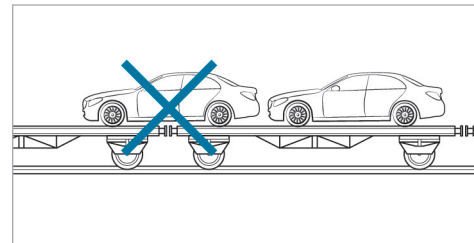
If you pull away sharply, the tractive power may be too high and the vehicles could be damaged.

- ▶ Pull away slowly and smoothly.

Loading up the vehicle for transport

- ▶ Observe the notes on towing away.
- ▶ Connect the towing device to the towing eye in order to load up the vehicle.
- ▶ Shift the automatic transmission to position **N**.
- ⓘ 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 377).
- ▶ Load the vehicle correctly onto the transporter.
 - Ensure that all wheels are on the transportation surface.

- Ensure that the vehicle is parallel to the direction of travel.
- ▶ Put the selector lever into position **P**.
- ▶ Use the electric parking brake to secure the vehicle against rolling away.
- ▶ Stop the vehicle and switch off the power supply.
- ▶ Only secure the vehicle by the wheels.

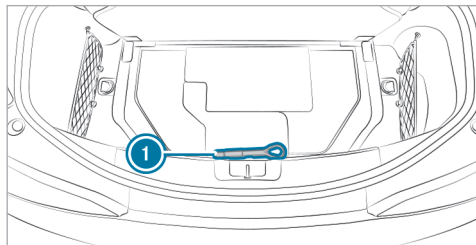


- ▶ Make sure that the front and rear axles come to rest on the same transport vehicle.

! **NOTE** Damage to the drive train due to incorrect positioning of the vehicle

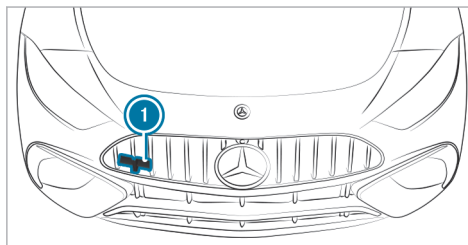
- ▶ Do not position the vehicle above the connection point of the transport vehicle.

Towing eye stowage location



Towing eye ① is located under the trunk floor.

Installing and removing the towing eye



- ▶ Pull out the cover ①.
- ▶ Screw in the towing eye clockwise to the end stop.
- ▶ After removing the towing eye, reattach the cover ① in the bumper.

! **NOTE** Damage to the vehicle due to incorrect use of the towing eye or trailer hitch

When a towing eye or trailer hitch is used to recover a vehicle, the vehicle may be damaged in the process.

- ▶ Only use the towing eye or trailer hitch to tow away or tow start the vehicle.
- ▶ Do not use the towing eye or trailer hitch to tow the vehicle during recovery.

Tow-starting the vehicle (emergency engine start)

- ▶ Observe the following note on material damage:

! **NOTE** Damage to the automatic transmission due to tow-starting

Tow-starting the vehicle can damage the automatic transmission.

- ▶ Do not tow-start the vehicle.

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

Using incorrect fuses can result in damage to electrical components or systems or their functions being considerably restricted.

- ▶ Use only fuses approved for Mercedes-Benz with the respective specified 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 rear passenger compartment (→ page 384).

! 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 vehicle is switched off.

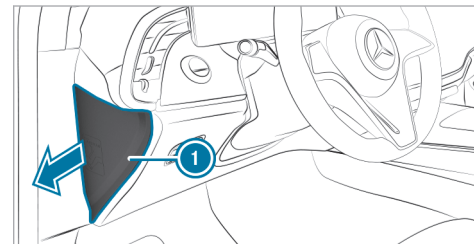
The electrical fuses are located in various fuse boxes:

- Fuse box in the cockpit (→ page 383)
- Fuse box in the front passenger footwell (→ page 384)
- Fuse box in the rear passenger compartment (→ page 384)

Opening and closing the fuse box in the cockpit

Requirements:

- Observe the notes on electrical fuses (→ page 383).



The fuse box is on the driver's side on the side of the cockpit under a cover.

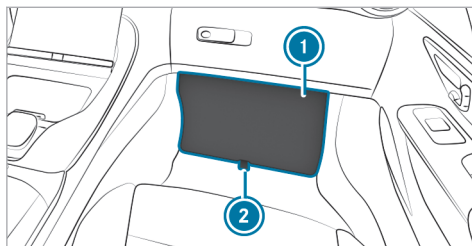
- ▶ **To open:** open cover ① in the direction of the arrow and remove it.
- ▶ **To close:** reinsert cover ①.

Mercedes-Benz recommends you have the fuse box opened at a authorized Mercedes-Benz Center.

Opening and closing the fuse box in the front passenger footwell

Requirements

Observe the notes on electrical fuses (→ page 383).



Opening

- ▶ Remove the floor mat from the front passenger footwell (→ page 128).
- ▶ Pull loop ② until foot plate ① is released from the holder.
- ▶ Remove foot plate ①.

Closing

- ▶ Insert foot plate ① at the upper edge into the recesses of the trim.
- ▶ Swing foot plate ① forwards until it audibly engages. Make sure that loop ② is not

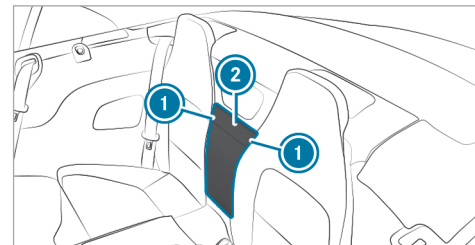
pressed inwards. Loop ② must remain accessible from the footwell.

- ▶ Install the floor mat in the front passenger footwell (→ page 128).

Opening and closing the fuse box in the rear passenger compartment

Requirements

- Observe the notes on electrical fuses (→ page 383).



- ▶ **To open:** reach between the seat and trim ① on the left and right and pull out cover ②.

- ▶ Push the two tabs on the left and right ① inwards and remove cover ②.
- ▶ **To close:** insert cover ②.

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 defective, 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. There is a risk of an accident.

On a wet road surface the risk of hydroplaning is increased, in particular where speed is not adapted to suit the conditions.

- ▶ Check the tread depth and the condition of the tire contact surface across the entire width of all tires on a regular basis.

Minimum tread depth for

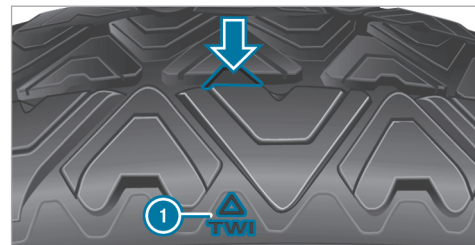
- summer tires: $\frac{1}{8}$ in (3 mm)
- M+S tires: $\frac{1}{6}$ in (4 mm)

- ▶ For safety reasons, replace the tires before the legally-prescribed limit for the minimum tread depth is reached.
- ▶ Replace the tires immediately if 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 387).
- 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 incorrectly installed snow chains

If you have installed snow chains on the front wheels, they may drag against the vehicle body or chassis components.

- ▶ Never install snow chains on the front wheels.
- ▶ Only install snow chains on the rear wheels in pairs.

! **NOTE** Damage to components of the vehicle body or chassis due to mounted snow chains

If you mount snow chains to the front wheels of 4MATIC vehicles, you may damage components of the vehicle body or chassis.

- ▶ Only mount snow chains to the rear wheels of 4MATIC vehicles.

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 of the same quality standard.
 - If snow chains are fitted, the maximum permissible speed is 30 mph (50 km/h).
 - **Vehicles with Active Parking Assist:** do not use Active Parking Assist when snow chains are fitted. (→ page 274)
- i** You can deactivate ESP® to start off (→ page 217). This allows the wheels to spin, achieving increased tractive power.

Tire pressure

Notes on tire pressure

⚠ WARNING Risk of an accident owing to insufficient or excessive tire pressure

Tires with an insufficient or excessive pressure pose the following dangers:

- 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.
- ▶ Observe the recommended tire pressure and check the tire pressure of all tires including the spare wheel:
- monthly
 - when the load changes
 - before embarking on a longer journey

- when the operating conditions change, e.g. off-road driving
- when driving at over 250 km/h
- ▶ Adjust the tire pressure if necessary.

Too high or low tire pressure can have the following effects:

- Shorten the service life of the tires.
- Make tire damage more likely.
- Adversely affect driving characteristics and thus driving safety, e.g. owing to aquaplaning.

⚠ 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.

Very low tire pressure can have the following effects:

- Tire defects 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.

Very high tire pressure can have the following effects:

- 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 on the B-pillar on the driver's side:

- Tire and loading information table (→ page 393).
- Tire pressure table (→ page 389).

Observe the maximum tire pressure (→ page 400).

Use a suitable pressure gauge to check the tire pressure. The outer appearance of a tire does not give a reliable indication of the tire pressure.

Only correct the 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.
- The vehicle has travelled less than 1 mile (1.6 km).

The vehicle's tires warm up when driving. As the temperature of the tires increases, so does the tire pressure.

Vehicles with a tire pressure monitoring system: you can also see the tire pressure in the driver display (→ page 391).

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

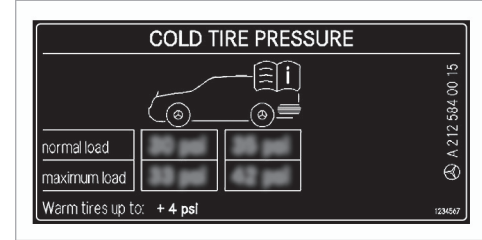
If you mount unsuitable accessories onto tire valves, the tire valves may be overloaded and malfunction, which can cause tire pressure loss.

- ▶ Only screw standard valve caps or valve caps specifically approved by Mercedes-Benz for your vehicle onto the tire valve.

Notes on the tire pressure table

The tire pressure table is on the B-pillar on the driver's side.

- ⓘ The data shown in the illustrations are sample data.



If one or more tire sizes precede a tire pressure, the tire pressure shown 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.

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 400).

- Tire and load information placard (→ page 393)
- Maximum tire pressure (→ page 400)

Checking the tire pressure manually

- ▶ Read the tire pressure recommended 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. 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 387)
- Tire pressure table (→ page 389)

- Tire and loading information placard (→ page 393)

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 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 those 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 under-inflated. Accordingly, when


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 under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation 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 under-inflation 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 telltale will flash for approximately one 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 replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly.

The system checks the tire pressure and the temperature of the tires installed on the vehicle by means of a tire pressure sensor.

The tire pressure and the tire temperature are displayed on the driver display.

In the event of significant pressure loss or excessive temperature of the tires, you will be warned by display messages (→ page 497) or the warning light  on the driver display (→ page 523).

The tire pressure monitoring system serves solely as 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 392).

System limits

The system may be impaired or inoperative in the following situations in particular:

- Incorrect reference values were taught in.
- Sudden pressure loss caused, e.g. 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 vehicle is switched on.

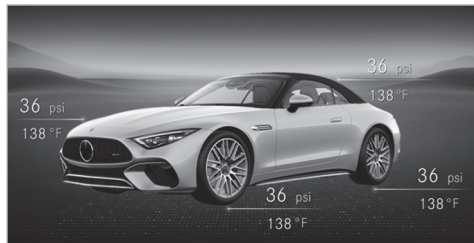
Driver display:

  Service

 Press  to confirm.

One of the following messages will appear:

- Current tire pressure at each wheel:



- **Tire pressure displayed after driving for a few minutes.:** Current values are not yet known to the system. The pressure/temperature values for each tire will be displayed as soon as they are known to the system.
 - **Tire Pressure Monitor Active:** The teach-in process of the system is not yet complete. The tire pressures are already being monitored.
- ▶ Compare the current tire pressure with the recommended tire pressure for the current

operating status (→ page 389). Additionally, observe the notes on cold tires (→ page 387).

- ① The values displayed on the driver display may deviate from those of the tire pressure gauge as they relate to sea level. At high elevations, the tire pressure values indicated by a pressure gauge will be higher than those shown on the driver display.

Bear in mind the following related topic:

- Notes on tire pressure (→ page 387)

Restarting the tire pressure monitoring system

Requirements

- The recommended tire pressure is correctly set for the respective operating condition at each of the four wheels (→ page 387).

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

- ▶ Show tire pressure: press .
- ▶ Show options: press again.
- ▶ Select **Tire Pressure** and confirm with . The **Use current pressures as new reference values?** message will appear on the driver display.
- ▶ Select **Yes** and confirm the restart with . The **Tire Pressure Monitor Restarted** message will appear on the driver display.

Current warning messages will be deleted and the yellow warning lamp will go out.

After you have driven for a few minutes, the system will check whether the current tire pressures are within the specified range. The current tire pressures will then be accepted as reference values and monitored.

If the tire pressure levels are not within the specified range, the **Please Correct Tire Pressure** message will appear.

Bear in mind the following related topic:

- Notes on tire pressure (→ page 387)

Loading the vehicle

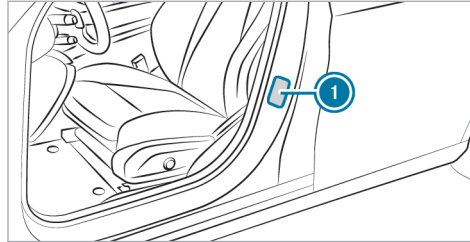
Notes on the Tire and Loading Information placard

⚠ 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 AVANT RENSEIGNEMENTS		TOTAL		TIRE ARRIÈRE RENSEIGNEMENTS	
SEATING CAPACITY NOMBRE DE PLACES	7	FRONT AVANT	2	REAR ARRIÈRE	2
The combined weight of occupants and cargo should never exceed XXXX kg or XXXX lbs. Le poids total des occupants et du chargement ne doit jamais dépasser					
TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS À FROID		SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION	
FRONT AVANT	285/40 ZR18 90Y XL	200 KPA, 29 PSI		VOIR LE MANUEL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS	
REAR ARRIÈRE	285/35 ZR18 101Y XL	200 KPA, 29 PSI			
SPARE DE SECOURS	175/55-18 95P	420 KPA, 60 PSI			

① The data shown in the illustration are sample data.

The Tire and Loading Information placard shows the following information:

- Maximum number of seats ② according to the maximum number of people permitted to travel in the vehicle.

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- Maximum permissible load ③ comprises the gross weight of all vehicle occupants, luggage and additional load.
- 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 418).
- Information on the tire pressure in the tire pressure table (→ page 389).

Further related subjects:

- Determining the maximum permissible load (→ page 394).
- Notes on the tire pressure (→ page 387).

Steps for determining the correct load limit

The following steps were developed according to the regulations of Title 49, Code of U.S. Federal

Regulations, Part 575, which are binding on all manufacturers, and 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 the "XXX" amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400 - 750 (5 x 150) = 650 lbs.)
- ▶ (5): Determine the combined weight of luggage and cargo being loaded on the vehicle. That 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 this reduces the available cargo and luggage load capacity of your vehicle.

- ① 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 395)
- Tire and loading information placard (→ page 393)
- Tire pressure table(→ page 389)
- Vehicle identification plate (→ page 418)

Calculation example for determining the maximum payload

The following table shows examples of how to calculate total load capacities and payloads with varying seating configurations and different occupant numbers and weights. The following examples use a maximum payload of 1500 lbs

(680 kg). **This is for illustration purposes only.** Make sure you are using the actual maximum payload for your vehicle as stated in the Tire and Loading Information table of your vehicle (→ page 393).

The higher the weight of all the occupants, the lower the maximum luggage load.

Step 1

	Example 1	Example 2
Combined maximum weight of occupants and payload (data from the Tire and Loading Information table)	1500 lbs (680 kg)	1500 lbs (680 kg)

Step 2

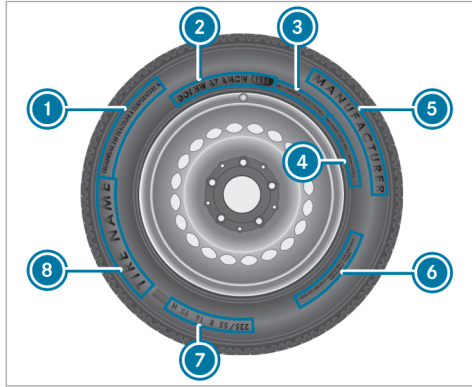
	Example 1	Example 2
Number of persons in the vehicle (driver and passengers)	5	1
Distribution of vehicle occupants	Front: 2 Rear: 3	Front: 1
Weight of vehicle occupants	Occupant 1: 150 lbs (68 kg) Occupant 2: 180 lbs (82 kg) Occupant 3: 160 lbs (73 kg) Occupant 4: 140 lbs (63 kg) Occupant 5: 120 lbs (54 kg)	Occupant 1: 200 lbs (91 kg)
Total weight of all vehicle occupants	750 lbs (340 kg)	200 lbs (91 kg)

Step 3

	Example 1	Example 2
Permissible payload (maximum permissible gross vehicle weight from the Tire and Loading Information table minus the total 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

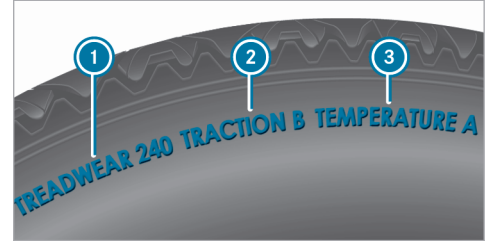


- ① Uniform Tire Quality Grading Standards
- ② DOT (Department of Transportation), (TIN) Tire Identification Number
- ③ Maximum tire load (→ page 399)
- ④ Maximum tire pressure (→ page 400)

- ⑤ Manufacturer
- ⑥ Tire characteristics (→ page 400)
- ⑦ Tire size designation, load-bearing capacity, speed rating and load index (→ page 400)
- ⑧ Tire name
- ⑨ The data shown in the illustration 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
- ⑨ The data shown in the illustration is example data.
- ⑨ 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 (1½) 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.

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.

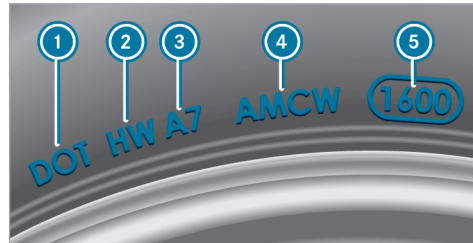
- ▶ Observe the recommended tire pressure.
- ▶ Regularly check the pressure of all the tires.
- ▶ Adjust the tire pressure, if necessary.

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.



- ① The data in the illustration is shown as an example.

The TIN is a unique identification number to identify tires, and comprises the following:

- **DOT (Department of Transportation):** tire marking ① indicating that the tire complies with the requirements of the US Department of Transportation.
- **Manufacturer identification code:** the 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 405).
- **Tire size:** the marking ③ states the tire size.
- **Tire type code:** the tire type code ④ can be used by the manufacturer as a code to describe specific characteristics of the tire.
- **Manufacturing date:** the manufacturing date ⑤ provides information about the age of a tire. The 1st and 2nd digits represent the calendar week and the 3rd and 4th digits state

the year of manufacture (e.g. "3208" represents the 32nd week of 2008).

Information on the maximum tire load

⚠ 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.

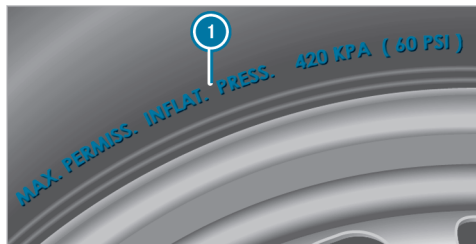


- ① The data in the illustration is shown as an example.

Maximum tire load ① is the maximum permissible weight for which the tire is approved.

Do not overload the tires by exceeding the maximum permissible load limit. The maximum permissible load can be found on the vehicle's Tire and Loading Information table on the B-pillar on the driver's side (→ page 393).

Information on maximum tire pressure



i The data in the illustration is shown as an example.

Do not exceed the maximum tire pressure **1** permitted for the tire. Always observe the recommended tire pressure for your vehicle when adjusting the tire pressure (→ page 389).

Information on tire composition



i The data in the illustration is shown as an example.

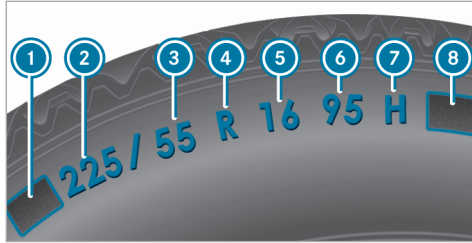
It describes the type of tire cord and the number of layers in the side wall **1** and under the tire tread **2**.

Tire size, 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.



- ① Preceding letter
- ② Nominal tire width in millimeters
- ③ Aspect ratio in %
- ④ Tire code
- ⑤ Rim diameter
- ⑥ Load-bearing index
- ⑦ Speed rating
- ⑧ Load index

i The data in the illustration is shown as an example.

Information about interpreting tire data can be obtained from any qualified specialist workshop.

Preceding letter ①:

- None: passenger car tires according to European manufacturing standards.
- "P": passenger car 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 ③:

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 radial tire
- "ZR": radial tire with a maximum permissible 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 maximum permissible payload.

See also:

- Maximum permissible payload in the Tire and Loading Information table (→ page 393)
- Maximum tire load (→ page 399)
- Load index

Speed rating ⑦:

Specifies the maximum permissible speed of the tire.

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- i** 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 a Mercedes-Benz service 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)

¹ "ZR" stated in the tire code.


² Or "M+S"  for winter tires.

Index	Speed rating
Y	up to 186 mph (300 km/h)
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 the 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 the maximum permissible speed from the tire manufacturer.
- If the load-bearing index **6** and speed rating **7** are in brackets, the maximum permissible speed of your tire is above 186 mph (300 km/h). To find out the maximum permissible speed, ask the tire manufacturer.

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 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 fitted to the vehicle at the factory.

The tire and load information table contains the recommended tire pressure for cold tires, the maximum permissible load and the maximum permissible vehicle speed.

The tire pressure table contains the recommended tire pressure 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 mounted.

GAWR (Gross Axle Weight Rating): the GAWR is the maximum gross axle weight rating. 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, spare wheel, fitted accessories, occupants, luggage and the trailer tongue weight, 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 tongue weight 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 unladen 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.

Unladen weight: the weight of a vehicle with standard equipment including the maximum capacity of fuel, service fluids and coolant. It also includes the air conditioning system and optional equipment if these are installed in 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 per 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 unladen 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 manufacturer'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 tire 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, mounting and replacing tires

⚠ WARNING Risk of accident due to incorrect wheel and tire dimensions

If wheels and tires of the wrong size are installed, the service brakes or components in the brake system and in the wheel suspension may be damaged.

▶ Always replace wheels and tires with ones that fulfill the specifications of the original part.

For wheels, pay attention to the following:

- Designation

- Type

For tires, pay attention to the following:

- Designation
- Manufacturer
- Type

⚠ 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 active safety systems, such as ABS, ESP® and 4MATIC, and marked as follows:

- MO = Mercedes-Benz Original
- MOE = Mercedes-Benz Original Extended (run-flat tires only for certain wheels)
- MO1 = Mercedes-Benz Original (only certain AMG tires)
- MO1A = Mercedes-Benz Original (only certain AMG tires)

Otherwise, certain properties, such as handling characteristics, vehicle noise emissions, consumption, etc. could 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 wheel and tire damage when driving over obstacles

Large wheels have a smaller section width. As the section width decreases, the risk of

wheels and tires being damaged when driving over obstacles increases.

- ▶ Avoid obstacles or drive especially carefully.
- ▶ Reduce your speed when driving over curbs, speed bumps, manhole covers and potholes.
- ▶ Avoid particularly high curbs.

! **NOTE** Possible wheel and tire damage when parking on curbs or in potholes

Parking on curbs or in potholes can damage the wheels and tires.

- ▶ Only park on as level a surface as possible.
- ▶ Avoid curbs and potholes when parking.

! **NOTE** Damage to electronic components due to the use of mounting tools


Vehicles with a tire pressure monitoring system: there are electronic components in the wheel.

Using mounting tools in the area of the valve may damage the electronic components.

- ▶ Tire mounting tools should not be used in the area of the valve.
- ▶ Always have tires changed at a qualified specialist workshop.

! **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 which are not approved for your vehicle by Mercedes-Benz, or which are not used correctly, can impair the operating safety.

Before purchasing and using non-approved accessories, visit a qualified specialist workshop and inquire about:


- Suitability

- Legal provisions
- Factory recommendations

▲ WARNING Risk of accidents with sports tires

The special tire tread in combination with the optimized tire compound means that the risk of skidding or hydroplaning on wet roads is increased.

In addition, the tire grip is greatly reduced at a low outside temperature and tire running temperature.

- ▶ Switch on ESP® and adapt your driving style accordingly.
- ▶ Use  M+S tires at outside temperatures of less than 45°F (7°C).
- ▶ Only use tires suitable for the intended use.

Please observe the following when selecting, mounting and replacing tires:

- The use of certain tire types can be advisable in certain regions and areas of operation.


- Only use tires and wheels of the same type (summer tires, winter tires, M+Extended tires) and of 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 a specialist workshop.

- **Vehicles with a tire pressure monitoring system:** All installed wheels must be equipped with functioning sensors of the tire pressure monitoring system.

- At temperatures below 45 °F (7 °C), use winter tires or all-season tire marked M+S on 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 pattern.
- Please observe the maximum permissible speed for the mounted M+S tires .

If the tire's maximum permissible speed is below that of the vehicle, this must be indicated by an appropriate label in the driver's field of vision.

- Drive the vehicle with new tires at moderate speeds for the first 60 miles (100 km).
- Replace the tires after six years at the latest, regardless of wear.

For more information on wheels and tires, contact a qualified specialist workshop.

Please be sure to also observe the following further related topics:

- Notes on the tire pressure (→ page 387)
- Tire and Loading Information placard (→ page 393)
- Tire size indication, load-bearing capacity, speed rating and load index (→ page 400)
- Tire pressure table (→ page 389)
- Notes on the emergency spare wheel (→ page 415)

⚠ 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.

Observe the instructions and safety notes on "Changing a wheel" (→ page 405).

The front and rear wheels are subject to different wear:

- 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 booklet in your vehicle documents. If this is not available, rotate the tires every 3,000 to 6,000 miles (5,000 to 10,000 km), depending on wear. Do not change the direction of wheel rotation.

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

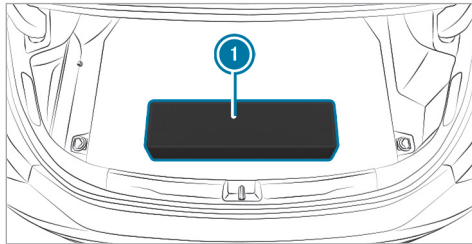
With the exception of some country-specific variants, vehicles are not equipped with a tire-change tool kit. Consult a qualified specialist workshop to find out which tire-change tool kit is necessary and approved for a wheel change on your vehicle.

You require the following tools, for example, to change a wheel:

- Jack
- Chock
- Lug wrench
- Alignment bolt

The tire-change tool kit is located in the tool bag **1** in the trunk.

- i** When stowing the tool bag, ensure that it is adequately secured.



The tool bag contains:

- Jack

- Gloves
- Lug wrench
- Alignment bolt
- Folding chock
- Ratchet wrench for jack

Preparing the vehicle for a wheel change

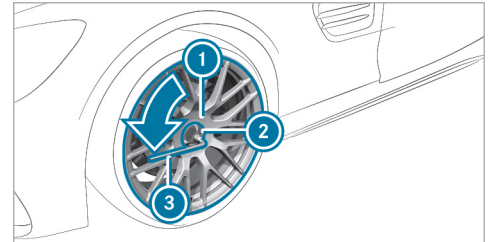
Requirements

- The vehicle is not on a slope.
 - The vehicle is on solid, non-slippery and level ground.
 - The required wheel changing tools are on board.
- i** If your vehicle is not equipped with wheel changing tools, consult a qualified specialist workshop to find out about suitable tools.
- ▶ Apply the electric parking brake manually.
 - ▶ Move the front wheels to the straight-ahead position.
 - ▶ Shift the transmission to position **P**.

- ▶ Switch off the vehicle.
- ▶ Make sure that the vehicle cannot be started.
- ▶ Place chocks or other suitable items under the wheel that is diagonally opposite the wheel you wish to change.
- ▶ If necessary, remove the hub cap (→ page 409).
- ▶ Raise the vehicle (→ page 410).

Installing/removing the hub cap

Removing



- ▶ Remove socket ② and wheel wrench ③ from the vehicle tool kit.
- ▶ Position socket ② on hub cap ①.
- ▶ Position the wheel wrench ③ on the socket ②.
- ▶ Using the wheel wrench ③, turn the 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 the wheel wrench ③ on socket ② and tighten hub cap ①.

i Specified tightening torque: 18 lb-ft (25 Nm).

Raising the vehicle when changing a wheel

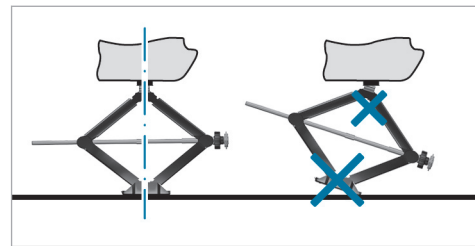
Requirements

- There are no persons in the vehicle.

- The vehicle has been prepared for a wheel change (→ page 409).

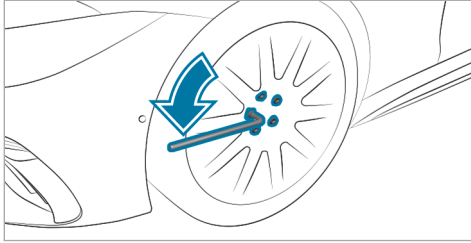
Important notes on using the jack:

- 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 foot of the jack must be positioned vertically under the jack support point.

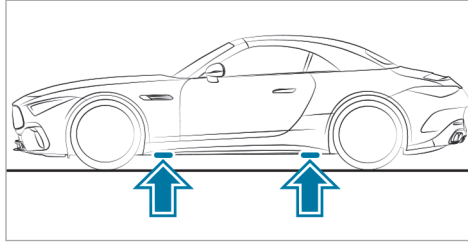


Rules of conduct when the vehicle is raised:

- Do not put your hands or feet under the vehicle.
- Do not lie under the vehicle.
- Do not start the vehicle and do not release the electric parking brake.
- Do not open or close any doors or the trunk lid.



- ▶ Using the wheel wrench, loosen the wheel bolts on the wheel you wish to change by about one full turn. Do not unscrew the screws completely.



Position of the jack support points

⚠ WARNING Risk of injury from 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.

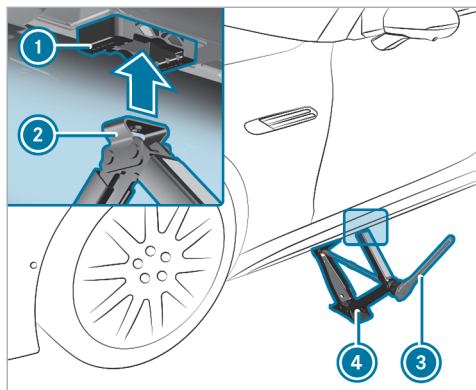
- ▶ Only position the jack at the appropriate jacking point of the vehicle. The base of the jack must be positioned vertically under the jacking point of the vehicle.

! **NOTE** Damage to the vehicle due to the jack

If you do not position the jack at the jack support points provided for this purpose, you could damage your vehicle.

- ▶ Only position the jack at the jack support points provided for this purpose.

- ▶ Take the ratchet out of the tire-change tool kit and place it on the hexagon nut of the jack so that the letters "AUF" are visible.



- ▶ Position support ② of jack ④ on jack support point ①.
- ▶ Turn ratchet ③ clockwise until support ② sits completely on jack support point ① and the base of the jack lies evenly on the ground.
- ▶ Turn ratchet ③ until the tire is raised a maximum of 1.2 in (3 cm) from the ground.
- ▶ Loosen and remove the wheel (→ page 412).

Removing a wheel

Requirements

- The vehicle is raised (→ page 410).

! 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 can 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 the wheels' plastic elements when changing a wheel

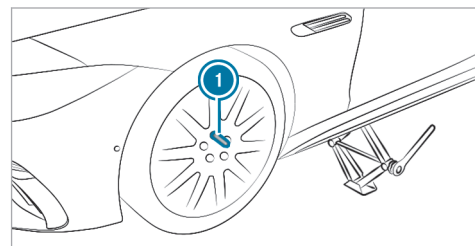
Plastic elements on wheels may be damaged when removing and repositioning the wheel.

- ▶ Do not raise the wheels by the plastic elements when removing and repositioning.

! 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 centering pin ① into the thread instead of the wheel bolt.

- ▶ Unscrew the remaining wheel bolts completely.
- ▶ Remove the wheel.
- ▶ install the new wheel (→ page 413).

Installing a new wheel

Requirements

- The wheel to be changed is removed and the centering pin is screwed in (→ page 412).

⚠ 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.

- ▶ 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 selecting tires (→ page 405).

For tires with a specified direction of rotation, an arrow on the sidewall of the tire indicates the correct direction of rotation. Observe the direction of rotation when installing.

Vehicles with AMG ceramic high-performance composite brake 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 can strike the ceramic-brake disk and damage it.

- ▶ Take particular care.
- ▶ Ask another person for assistance or use a second centering pin.

⚠ NOTE Damage to the wheels' plastic elements when changing a wheel

Plastic elements on wheels may be damaged when removing and repositioning the wheel.

- ▶ Do not raise the wheels by the plastic elements when removing and repositioning.

- ▶ Slide the wheel to be mounted onto the centering pin and push it on.

⚠ 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.

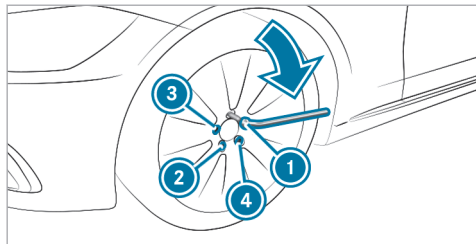
- ▶ Observe the instructions and safety notes on "Changing a wheel" (→ page 405).
- ▶ For safety reasons, only use wheel bolts which have been approved by Mercedes-Benz and for the wheel in question.

NOTE Paint damage to the rim when inserting the first wheel bolt

If the wheel has too much free play when inserting the first wheel bolt, there is a risk of damaging the paintwork on the rim.

▶ When inserting the first wheel bolt, be sure to apply sufficient pressure to the wheel hub.

▶ Tighten the wheel bolts evenly in a diagonal pattern in the order indicated until they are hand-tight.



▶ Unscrew and remove the centering pin.

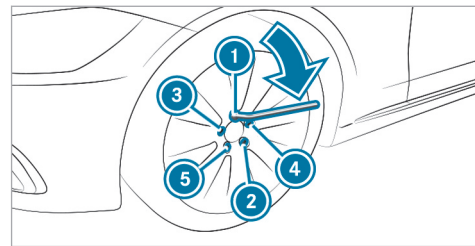
▶ Tighten the last wheel bolt until it is hand-tight.

▶ Lower the vehicle and tighten wheel bolts with the prescribed tightening torque (→ page 414).

Lowering the vehicle after a wheel change

Requirements:

- The new wheel has been installed (→ page 413).
- ▶ **To lower the vehicle:** place the ratchet wrench onto the hexagon nut of the jack so that the lettering "AB" are visible and turn counter-clockwise.



▶ 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 with 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.

ⓘ The following does not apply if the new wheel is an emergency spare wheel:

▶ **Vehicles with tire pressure monitoring system:** restart the tire pressure monitoring system (→ page 392).

Emergency spare wheel

Notes on the emergency spare wheel

⚠ WARNING Risk of accident caused by incorrect wheel and tire dimensions

The wheel or tire sizes 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:

- ▶ 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 briefly.
- ▶ Do not deactivate 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:

- 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.
- Use the included wheel bolts for the emergency spare wheel.
- Check the tire pressure of the emergency spare wheel when installed. Correct the pressure as necessary.

ⓘ The specified tire pressure is stated on the label of the emergency spare wheel.

- **i Vehicles with 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 when the emergency spare wheel has been replaced with a new wheel.

Be sure to observe the following further related topics:

- Notes on tire pressure (→ page 387)
- Tire and load information placard (→ page 393)
- Tire pressure table (→ page 389)
- Notes on installing tires (→ page 405)
- Installing an emergency spare wheel (→ page 409)

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.

Vehicle electronics

Two-way radios

Mobile phone transmission output

The maximum transmission output (PEAK) at the base of the antenna must not exceed the values in the following table.

Frequency band and maximum transmission output

Frequency band	Maximum transmission output
Mobile phone 2G	2 W
Mobile phone 3G/4G/5G	0.5 W

For the frequency ranges **mobile phone 2G/3G/4G/5G**, there is no restriction for the antenna positions in the exterior area of the vehicle.

The following can be used in the vehicle without restrictions:

- two-way radios with a maximum transmission output of up to 100 mW
- mobile phones (2G/3G/4G/5G)

Radio regulations

Regulatory radio identifiers and specific notes

Manufacturer information about radio-based vehicle components can be found using the key phrase "Regulatory radio information" in the Digital Operator's Manual in the vehicle, on the internet and in the app.

Further information and updates are available at the following web address:

<https://regulatoryradioinformation.corpinter.net/us>



Information about the specific absorption rate (SAR)

Information on the specific absorption rate (SAR) can be found under the key word "Regulatory

information" in the vehicle's Digital Operator's Manual, on the Internet and in the app.

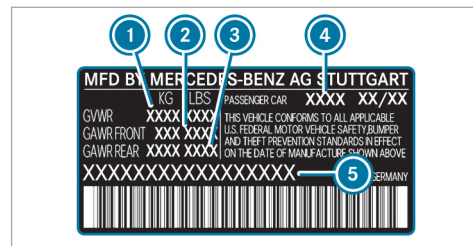
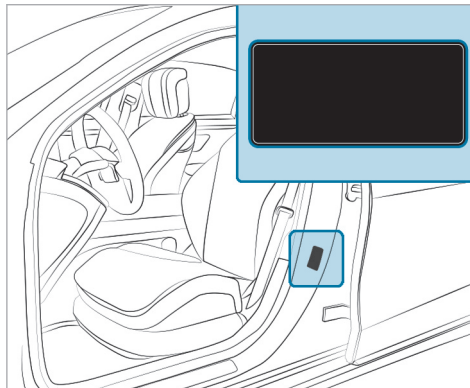
Further information and updates are available at the following web address:

[https://
regulatoryradioinformation.corpinter.net/us](https://regulatoryradioinformation.corpinter.net/us)



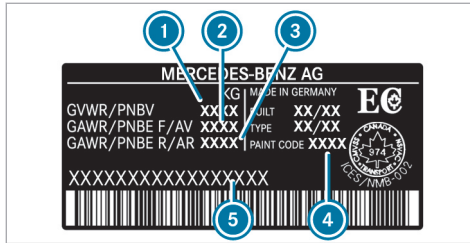
Vehicle identification plate, VIN and engine number overview

Vehicle identification plate



Vehicle identification plate (USA only)

- ① Maximum permissible gross vehicle mass
- ② Maximum permissible front axle load
- ③ Maximum permissible rear axle load
- ④ Vehicle model
- ⑤ VIN (vehicle identification number)



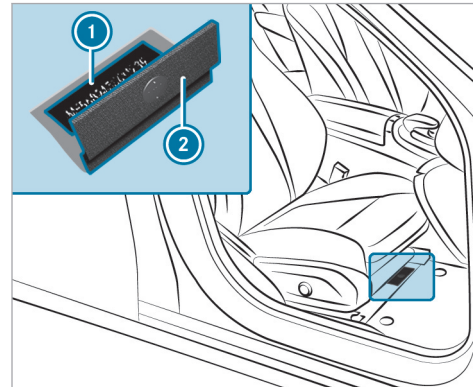
Vehicle identification plate (Canada only)

- ① Maximum permissible gross vehicle mass
- 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 permissible gross vehicle weight or the maximum gross axle weight rating for the front or rear axle.

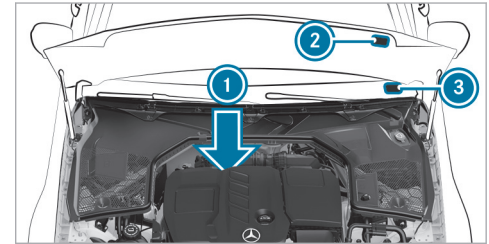
Imprinted VIN



VIN below the front right-hand seat

- ① Imprinted VIN (vehicle identification number)
- ② Floor covering

Additional plates



- ① Engine number stamped into the crankcase
- ② Plate with information about emissions testing, including confirmation of emissions guidelines at the U.S. federal level as well as for California
- 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 due to harmful operating fluids

Operating fluids can be toxic.

- ▶ When using, storing and disposing of operating fluids, observe the imprints on the respective original containers.
- ▶ Always keep operating fluids in the sealed original container.
- ▶ Always keep children away from operating fluids.

🌿 ENVIRONMENTAL NOTE Pollution of the environment due to irresponsible disposal of operating fluids

Incorrect disposal of operating fluids can cause considerable damage to the environment.

- ▶ Dispose of operating fluids in an environmentally responsible manner.

Operating fluids include the following:

- Fuels
- Lubricants
- Coolant
- Brake fluid
- Windshield cleaning agent
- 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://operatingfluids.mercedes-benz.com>

- at a qualified specialist workshop

⚠ WARNING Risk of fire or explosion from fuel

Fuels are highly flammable.

- ▶ Fire, open flames, smoking and creating sparks must be avoided.
- ▶ Before and during refueling, switch off the vehicle and, if installed, the stationary heater.

⚠ 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.

Depending on the country, the fuels you can use in your vehicle may differ from the information in the Operator's Manual. The fuels that have been approved for your vehicle can be found on the information label on the inside of the fuel filler flap.

Fuel

Notes on fuel quality

Observe the notes on operating fluids (→ page 420).

! NOTE Damage caused by the wrong fuel

Even small amounts of the wrong fuel could result in damage to the fuel system, the engine and the emission control system.

- ▶ 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.

Never refuel with any of the following fuels:

- Diesel
- gasoline with more than 10% Ethanol, z.B. E15, E85, E100
- gasoline with more than 3% methanol by volume, e.g. M15, M30, M85, M100

- gasoline with metallic additives

If you have accidentally refueled with the wrong fuel:

- ▶ Do not switch on the vehicle.
- ▶ Consult a qualified specialist workshop.

If the available fuel is not sufficiently low in sulfur, it may produce unpleasant odors.

Refuel only with premium-grade unleaded gasoline with an octane number of at least 91 AKI/95 RON.

As a temporary measure, if the recommended fuel is not available, you may also use regular unleaded gasoline. Note the octane number on the information label on the fuel filler flap (→ page 190). Filling up with regular unleaded gasoline may reduce engine output and increase fuel consumption.

Never refuel using gasoline with an even lower RON.

! **NOTE** Premature engine wear through unleaded regular gasoline

Impairment of the longevity and performance of the engine.

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 and engine speeds over 3000 rpm.

Further information on fuel is available in the following locations:

- At a gas station
- At a qualified specialist workshop
- **USA only:** on the <https://www.mbusa.com>

Information on additives in gasoline (vehicles with gasoline engine)

Observe the notes on operating fluids (→ page 420).

! **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. Deposits could build up in the fuel injection system as a result. In this case, in consultation with a qualified specialist workshop (e.g. an authorized Mercedes-Benz Service 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 fuel reserve

Total fuel tank capacity

Model	Total capacity
All models	18.5 gal (70.0 liters)

Fuel tank reserve

Model	of which reserve fuel
All models	2.6 gal (10.0 liters)

Engine oil

Notes on engine oil

Observe the notes on operating fluids (→ page 420).



! 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 having the oil changed at a qualified specialist workshop.

Only use engine oils approved for your vehicle by Mercedes-Benz.

■ Engine oil quality and filling quantity

Not for plug-in hybrid:

Engine oil specification

Model	MB-Freigabe or MB-Approval
Mercedes-AMG SL 43	229.71
Mercedes-AMG SL 55 4MATIC+	229.5
Mercedes-AMG SL 63 4MATIC+	

* Recommended for the 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 specifica-

tions marked in the table with the lowest SAE viscosity class in each case. Observe possible restrictions of the approved SAE viscosity classes.

Mercedes-AMG SL 43: use only engine oils of viscosity class SAE 0W-20.

Mercedes-AMG SL 63 4MATIC+: use only engine oils of viscosity class SAE 0W-40 or SAE 5W-40.

Plug-in hybrid:

Engine oil specification (plug-in hybrid)

Model	MB-Freigabe or MB-Approval
Mercedes-AMG SL 63 S E PERFORMANCE	229.5, 229.51*

* Recommended for the 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 with the lowest SAE vis-

cosity class in each case. Observe possible restrictions of the approved SAE viscosity classes.

Mercedes-AMG SL 63 S E PERFORMANCE: use only engine oils of viscosity classes SAE 0W-40 or SAE 5W-40.

Not for plug-in hybrid:

Engine oil filling quantity

Model	Quantity
Mercedes-AMG SL 43	6.3 US qt (6.0 liters)
All other models	9.5 US qt (9.0 liters)

The specified filling quantity refers to an oil change with oil filter replacement.

Plug-in hybrid:

Engine oil filling quantity (plug-in hybrid)

Model	Quantity
Mercedes-AMG SL 63 S E PERFORMANCE	9.5 US qt (9.0 liters)

The specified filling quantity refers to an oil change with oil filter replacement.

Notes on brake fluid

Please observe the notes on operating fluids (→ page 420).

⚠ 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 according to MB-Freigabe or MB-Approval 331.0 approved by Mercedes-Benz.

Coolant

Notes on coolant

Observe the notes on operating fluids (→ page 420).

⚠ 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 premixed with the required antifreeze protection.

Information on coolant is available at the following locations:

- In the Mercedes-Benz Specification for Operating Fluids 320.1
 - At <https://operatingfluids.mercedes-benz.com>
- At a qualified specialist workshop

! **NOTE** Overheating at high outside temperatures

If an inappropriate coolant is used, the cooling system is not sufficiently protected against overheating and corrosion at high outside temperatures.

- ▶ Only use coolant approved for Mercedes-Benz.
- ▶ Observe the instructions in the Mercedes-Benz Specifications for Operating Fluids 320.1.

Have the coolant regularly replaced at a qualified specialist workshop.

Proportion of antifreeze concentrate in the cooling system:

- A minimum of 50% (antifreeze protection down to about -35°F (-37°C))
- A maximum of 55% (antifreeze protection down to -49°F (-45°C))

■ Coolant filling quantity
Not for plug-in hybrid:

Coolant

Model	Engine cooling circuit (filling capacity with heating)
Mercedes-AMG SL 43	18.3 US qt (17.3 liters)
Mercedes-AMG SL 55 4MATIC+	18.8 US qt (17.8 liters)
Mercedes-AMG SL 63 4MATIC+	

Plug-in hybrid:

Coolant (plug-in hybrid)

Model	Engine cooling circuit (filling capacity with heating)
Mercedes-AMG SL 63 S E PERFORMANCE	15.4 US qt (14.6 liters)

Notes on windshield washer fluid

Observe the notes on operating fluids (→ page 420).

⚠ 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-ionised 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 washing water with windshield washer fluid all year round.

Refrigerant

Notes on refrigerant

Observe the notes on operating fluids (→ page 420).

- ⓘ Your vehicle's climate control system may be filled with R-134a or R-1234yf refrigerant. R-1234yf refrigerant should be used only for certain vehicle models.

! **NOTE** Damage due to incorrect refrigerant

If a non-approved refrigerant is used, the climate control system may be damaged.

- ▶ Use only the refrigerant approved for your vehicle.

! **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.

The refrigerant type for your vehicle can be found on the information label of the climate control system. The information label is located on the inside of the hood.

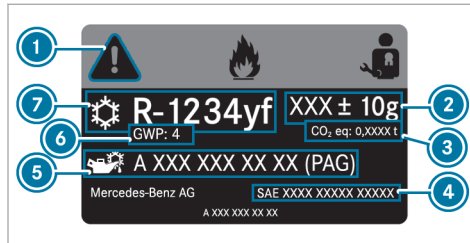
Work on the climate control system may be carried out only at a qualified specialist workshop. All applicable regulations as well as SAE standard J639 must be adhered to.

Have all work on the climate control system carried out at a qualified specialist workshop.



Refrigerant information label (example: R-134a)

- ① Hazard and service warning symbols
- ② Refrigerant filling capacity
- ③ Applicable standards
- ④ PAG oil part number
- ⑤ Global warming potential of refrigerant used
- ⑥ Refrigerant type



Refrigerant information label (example: R-1234yf)

- ① Hazard and service warning symbols
- ② Refrigerant filling capacity
- ③ CO₂ equivalent of the refrigerant used
- ④ Applicable standards
- ⑤ PAG oil part number
- ⑥ GWP (global warming potential) of the refrigerant used
- ⑦ Refrigerant type

Symbols ① indicate the following:

- Possible dangers

- Maintenance work to be carried out at a qualified specialist workshop

Filling capacity for refrigerant and PAG oil

Not for plug-in hybrid:

Refrigerant filling capacity

Model	
Mercedes-AMG SL 43	23.3 ± 0.4 oz (660 ± 10 g)
Mercedes-AMG SL 55 4MATIC+	22.6 ± 0.4 oz (640 ± 10 g)
Mercedes-AMG SL 63 4MATIC+	

Filling quantity for PAG oil

Model	
All models	2.8 ± 0.4 oz (80 ± 10 g)

Plug-in hybrid:

Refrigerant filling capacity (plug-in hybrid)

Model	
Mercedes-AMG SL 63 S E PERFORMANCE	23.3 ± 0.4 oz (660 ± 10 g)

PAG oil filling capacity (plug-in hybrid)

Model	
Mercedes-AMG SL 63 S E PERFORMANCE	4.9 ± 0.4 oz (140 ± 10 g)

Vehicle data**Vehicle dimensions**

The heights specified may vary as a result of the following factors:

- Tires
- Load
- Condition of the suspension
- Special equipment

Not for plug-in hybrid:**Vehicle dimensions**

All models	
Vehicle length	185.4 in (4708 mm)
Vehicle width including exterior mirrors	82.7 in (2100 mm)
Wheelbase	106.3 in (2700 mm)

Vehicle height

Model	
Mercedes-AMG SL 63 4MATIC+	53.3 in (1353 mm)
All other models	53.5 in (1359 mm)

Maximum vehicle height with roof opening

Model	
Mercedes-AMG SL 63 4MATIC+	67.0 in (1702 mm)
All other models	67.2 in (1708 mm)

Turning radius

Model	
Mercedes-AMG SL 43	42.7 ft (13.0 m)
All other models	40.7 ft (12.4 m)

Plug-in hybrid:**Vehicle dimensions (plug-in hybrid)**

Mercedes-AMG SL 63 S E PERFORMANCE	
Vehicle length	185.4 in (4708 mm)
Vehicle width including exterior mirrors	82.7 in (2100 mm)
Vehicle height	53.3 in (1354 mm)
Maximum vehicle height with roof opening	67.0 in (1702 mm)
Wheelbase	106.3 in (2700 mm)
Turning radius	40.7 ft (12.4 m)

Weights and loads

Bear in mind that items of special equipment will increase the curb weight and reduce the payload. Vehicle-specific weight information can be found on the vehicle identification plate.

Also observe the notes on loading the vehicle (→ page 119).

Maximum design speeds

The maximum design speed can differ from the stated figures in practice. It depends on the operating conditions, the special equipment and the size of the tires.

The following values only apply to vehicles with the AMG Driver's Package.

Missing values were not available at the time of going to press.

Not for plug-in hybrid:

Maximum design speed

Model	
Mercedes-AMG SL 43	
Mercedes-AMG SL 55 4MATIC+	
Mercedes-AMG SL 63 4MATIC+	

Plug-in hybrid:

Maximum design speed (Plug-in hybrid)

Model	
Mercedes-AMG SL 63 S E PERFORMANCE	

High-voltage battery (plug-in hybrid)

Missing values were not available by the editorial deadline.

Energy content and charging times

Mercedes-AMG SL 63 S E PERFORMANCE	
Type	Lithium-ion
Usable energy content	
Range in all-electric mode	
Charging time – mode 2 with 1.4 kW charging capacity	

The charging time applies to AC charging from 25% to 100 % of the usable energy content.

The time taken to charge the battery depends on the state of charge of the battery, the ambient temperature and the charging capacity of the battery. The charging capacity, in turn, depends on the supply voltage, the current and the type of power supply.

430 Technical data

The rated voltage range for your vehicle can be found on the information label in the socket flap.

Display messages

Introduction



Information about display messages



Display messages appear on the driver display.


Display messages with graphical symbols are simplified in the Operator's Manual and may differ from the symbols on the driver display. The driver display shows high-priority display messages in red. Certain display messages will be 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, symbols will also be shown:

-  Further information
-  Hide display message

You can select the respective symbol by swiping left or right on the left-hand Touch Control. Press  to display further information on the central display. Press  to hide the display message.

You can hide display messages to be acknowledged by pressing the back button  or with 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 driver display will show these display messages continuously until the cause of the display message has been rectified.



Calling up saved display messages

Driver display:


 **Service**

The **Message Memory: XX**message appears on the driver display.

 Scroll through the display messages by swiping upwards or downwards on the left-hand Touch Control.

 **To exit the display:** press the  back button.

Occupant safety

Display messages	Possible causes/consequences and ► Solutions
 <p>Restraint System Malfunction Service Required</p>	<p>* The restraint system is malfunctioning (→ page 45).</p> <div><p>⚠ WARNING Risk of injury due to malfunctions in the restraint system</p><p>Components in the restraint system may be activated unintentionally or not deploy as planned in an accident.</p><ul style="list-style-type: none">► Have the restraint system checked and repaired immediately at a qualified specialist workshop.</div> <p>Plug-in hybrid:</p> <div><p>⚠ DANGER Risk of death due to the restraint system malfunctioning</p><p>Components in the restraint system may be activated unintentionally or not deploy as intended in an accident. In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended.</p><p>You may receive an electric shock if you touch the damaged components of the high-voltage on-board electrical system.</p><ul style="list-style-type: none">► Have the restraint system checked and repaired immediately at a qualified specialist workshop.► After an accident, switch off the vehicle immediately.</div>

Display messages



Front Left Malfunction
Service Required (example)

Possible causes/consequences and ► Solutions

* The restraint system is malfunctioning (→ page 45).

▲ 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.

Plug-in hybrid:**▲ DANGER** Risk of death due to the restraint system malfunctioning

Components in the restraint system may be activated unintentionally or not deploy as intended in an accident. In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended.

You may receive an electric shock if you touch the damaged components of the high-voltage on-board electrical system.

- Have the restraint system checked and repaired immediately at a qualified specialist workshop.
- After an accident, switch off the vehicle immediately.



Display messages	Possible causes/consequences and ► Solutions
 <p>Left Window Airbag Malfunction Service Required (example)</p>	<p>* The restraint system is malfunctioning (→ page 45).</p> <div style="border: 1px solid gray; padding: 5px;"> <p>▲ WARNING Risk of injury or death due to the head airbag malfunctioning</p> <p>If the head airbag is malfunctioning, it might be triggered unintentionally or might not deploy at all in the event of an accident.</p> <p>► Have the head airbag checked and repaired immediately at a qualified specialist workshop.</p> </div>
<p>Front Passenger Airbag Disabled See Operator's Manual</p>	<p>* The front passenger air bag and the front passenger knee bag 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 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"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. <li>► Make sure that no objects are trapped under the front passenger seat. <li>► Check the status of automatic front passenger air bag shutoff (→ page 47).



Display messages	Possible causes/consequences and ► Solutions
<p>Front Passenger Airbag Enabled See Operator's Manual</p>	<p>► If necessary, consult a qualified specialist workshop immediately.</p> <p>* The front passenger air bag and the front passenger knee bag 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 small adult 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 <p>The system may detect objects or forces that are adding to the weight applied to the seat.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>⚠ WARNING Risk of injury or death 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 can deploy in the event of an accident. The child could be struck by the airbag.</p> <p>► Ensure, both before and during the journey, that the status of the front passenger airbag is correct.</p> <p>NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.</p> </div> <p>► Stop the vehicle immediately in accordance with the traffic conditions.</p> <p>► Make sure that no objects are trapped under the front passenger seat.</p>



Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Check the status of automatic front passenger air bag shutoff (→ page 47). ► If necessary, consult a qualified specialist workshop immediately.
<p>Occupant Presence Reminder Inoperative</p>	<ul style="list-style-type: none"> * The occupant presence reminder is malfunctioning ► Consult a qualified specialist workshop.
<div> </div> <p>Do Not Leave People or Animals in the Vehicle</p>	<ul style="list-style-type: none"> * The occupant presence reminder suspects that there are persons or animals in the rear of the vehicle. ► Do not leave any persons or animals behind when leaving the vehicle.



SmartKey





Display messages	Possible causes/consequences and ► Solutions
<div> </div> <p>Replace Key Battery</p>	<ul style="list-style-type: none"> * The key battery is discharged. ► Replace the battery (→ page 76).

Display messages	Possible causes/consequences and ► Solutions
 <p>Key Not Detected (white display message)</p>	<p>* The key is currently undetected.</p> <ul style="list-style-type: none"> <li>► Change the location of the key in the vehicle. <li>► Try to start the vehicle. <li>► If the key is still not detected, place it in the slot for starting with the key (→ page 163). <li>► Start the vehicle.
 <p>Key Not Detected (red display message)</p>	<p>* The key can no longer be detected during a journey and may no longer be in the vehicle.</p> <p>If the key is no longer in the vehicle and you switch off the vehicle:</p> <ul style="list-style-type: none"> <li>• You can no longer start the vehicle. <li>• You cannot centrally lock the vehicle. <p>► Ensure that the key is in the vehicle.</p> <p>If the key is in the vehicle and is still not detected:</p> <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. <li>► Place the key in the slot for starting the engine with the key (→ page 163). <p>The key battery is weak or discharged.</p> <ul style="list-style-type: none"> <li>► Check the battery using the indicator lamp (→ page 73). <li>► Replace the key battery, if necessary (→ page 76).




Display messages	Possible causes/consequences and ► Solutions
 <p>Initializing Key Please Wait</p>	<ul style="list-style-type: none"> <li>* The vehicle is processing in order to teach in the new key. <ul style="list-style-type: none"> <li>► Wait until processing is complete.
 <p>Don't Forget Your Key</p>	<ul style="list-style-type: none"> <li>* A warning tone also sounds. This message reminds you to take your key with you when you leave the vehicle.
<p>Place the Key in the Marked Space See Operator's Manual</p>	<ul style="list-style-type: none"> <li>* Key detection is malfunctioning. <ul style="list-style-type: none"> <li>► Change the location of the key in the vehicle. <li>► Place the key in the slot for starting the engine with the key (→ page 163).
<p>Searching for Key in Stowage Tray or Digital Vehicle Key in Inductive Charging Bracket... See Operator's Manual</p>	<ul style="list-style-type: none"> <li>* The key has not been detected. <ul style="list-style-type: none"> <li>► Place the key in the marked space (→ page 163). <p>If the key is still not detected:</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop. <li>* The Digital Vehicle Key has not been detected. <ul style="list-style-type: none"> <li>► Place the Digital Vehicle Key in the marked space (→ page 162).




Display messages	Possible causes/consequences and ► Solutions
 <p>Key Not Detected</p>	<p>If the Digital Vehicle Key is still not detected:</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop. <p>* The key or the Digital Vehicle Key is currently undetected.</p> <ul style="list-style-type: none"> <li>► Change the location of the key or the Digital Vehicle Key in the vehicle. <li>► Try to start the vehicle. <li>► If the key is still not detected, place the key in the marked space (→ page 163). <li>► If the Digital Vehicle Key is still not detected, place the Digital Vehicle Key in the marked space (→ page 162). <li>► Start the vehicle.
 <p>Key Not Detected Place Digital Vehicle Key in Mobile Phone Cradle</p>	<p>* The key or the Digital Vehicle Key is no longer detected during a journey and may no longer be in the vehicle.</p> <p>If the key or the Digital Vehicle Key is no longer in the vehicle and you switch off the vehicle:</p> <ul style="list-style-type: none"> <li>• You will no longer be able to start the vehicle. <li>• You will not be able to lock the vehicle centrally. <ul style="list-style-type: none"> <li>► Ensure that the key or the Digital Vehicle Key is in the vehicle. <p>If the key or the Digital Vehicle Key is in the vehicle and is still not detected:</p> <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. <li>► Place the key in the marked space (→ page 163). <li>► Place the Digital Vehicle Key in the marked space (→ page 162).

Display messages	Possible causes/consequences and ► Solutions
	<p>The key battery is weak or discharged.</p> <ul style="list-style-type: none"> ► Check the battery using the indicator lamp (→ page 73). ► Replace the key battery, if necessary (→ page 76). <p>The state of charge of the rechargeable battery of the end device with the Digital Vehicle Key is too low.</p> <ul style="list-style-type: none"> ► Immediately charge the rechargeable battery of the Digital Vehicle Key end device. <p>Otherwise, it may not be possible to restart the vehicle after it has been switched off.</p> <p>If the key or the Digital Vehicle Key is still not detected:</p> <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
 <p>Replace SmartKey See Operator's Manual</p>	<ul style="list-style-type: none"> * If the Digital Vehicle Key is not renewed, the vehicle cannot be unlocked/locked or started. ► The system will automatically renew the Digital Vehicle Key. When renewal is complete, the message will disappear and the Digital Vehicle Key will be available again.
 <p>Take SmartKey With You</p>	<ul style="list-style-type: none"> * A warning tone also sounds. This message reminds you to take your key with you when you leave the vehicle. This also applies to the Digital Vehicle Key.





Display messages	Possible causes/consequences and ► Solutions
 <p>Digital Vehicle Key Charge Device</p>	<ul style="list-style-type: none"> * The state of charge of the rechargeable battery of the end device with the Digital Vehicle Key is too low. <ul style="list-style-type: none"> ► Immediately charge the rechargeable battery of the Digital Vehicle Key end device.
 <p>Initializing Key Please Wait</p>	<ul style="list-style-type: none"> * The vehicle is processing in order to teach in the new Digital Vehicle Key. <ul style="list-style-type: none"> ► Wait until processing is complete.
 <p>Key Does Not Belong to Vehicle</p>	<ul style="list-style-type: none"> * The vehicle cannot be unlocked/locked or started. <ul style="list-style-type: none"> ► Use the Digital Vehicle Key belonging to the vehicle.
 <p>Obtain a New Key</p>	<ul style="list-style-type: none"> * Have the key replaced. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.


Soft top


Display messages	Possible causes/consequences and ► Solutions
 <p>Apply Brakes While Stationary Before Operating Soft Top</p>	<ul style="list-style-type: none"> * The vehicle is stationary and you try to open or close the soft top. <ul style="list-style-type: none"> ► Depress the brake pedal. ► Operate the soft top operation again until the soft top opens or closes completely.
 <p>Soft Top Operable Only up to 37 mph</p>	<ul style="list-style-type: none"> * You will not be able to open or close the soft top while driving at speeds greater than 37 mph (60 km/h). <ul style="list-style-type: none"> ► Do not drive at speeds greater than 37 mph (60 km/h). ► Fully open or close the soft top.
 <p>Open/Close Soft Top Completely (white display message)</p>	<ul style="list-style-type: none"> * The soft top is not locked. You will not be able to open or close the soft top while driving at speeds greater than 37 mph (60 km/h). <ul style="list-style-type: none"> ► Do not drive at speeds greater than 37 mph (60 km/h). ► Fully open or close the soft top.

Display messages	Possible causes/consequences and ► Solutions
 <p>Open/Close Soft Top Completely (red display message)</p>	<ul style="list-style-type: none"> * You will not be able to open or close the soft top while driving at speeds greater than 37 mph (60 km/h). <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>! NOTE Possible damage to the soft top</p> <p>The soft top may be damaged if it is not locked.</p> <ul style="list-style-type: none"> ► Drive at a speed no greater than 37 mph (60 km/h) when opening or closing the soft top. </div> <ul style="list-style-type: none"> ► Do not drive at speeds greater than 37 mph (60 km/h). ► Fully open or close the soft top.
 <p>Soft Top Operation Not Poss. See Operator's Manual</p>	<ul style="list-style-type: none"> * The on-board electrical system voltage is too low. <ul style="list-style-type: none"> ► Start the vehicle. * The soft top drive motor has overheated. <ul style="list-style-type: none"> ► Leave the soft top drive motor to cool. * The soft top drive motor is defective. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
 <p>Close Trunk Separator</p>	<ul style="list-style-type: none"> * The trunk partition is open. <ul style="list-style-type: none"> ► Close the trunk partition.

Lights



Display messages	Possible causes/consequences and ► Solutions
 <p>Malfunction See Operator's Manual</p>	<ul style="list-style-type: none"> <li>* The exterior lighting is malfunctioning. <li>► Consult a qualified specialist workshop.
 <p>Automatic Driving Lights Inoperative</p>	<ul style="list-style-type: none"> <li>* The light sensor for automatic driving lights is malfunctioning. <li>► Consult a qualified specialist workshop.
 <p>Switch On Headlights</p>	<ul style="list-style-type: none"> <li>* You are driving without low-beam headlamps. <li>► Turn the light switch to the  or AUTO position.


Display messages	Possible causes/consequences and ► Solutions
 <p>Switch Off Lights</p>	<ul style="list-style-type: none"> * You are leaving the vehicle and the lights are still switched on. <ul style="list-style-type: none"> ► Turn the light switch to the AUTO position.
<p>DIGITAL LIGHT Functions Limited</p>	<ul style="list-style-type: none"> * The DIGITAL LIGHT system is malfunctioning. The lighting system will continue to work even without the functions of the DIGITAL LIGHT system. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
<p>Adaptive Highbeam Assist Plus Currently Unavailable See Operator's Manual</p>	<ul style="list-style-type: none"> * Adaptive Highbeam Assist Plus is temporarily unavailable. The system limits have been reached (→ page 138). Once the cause of the problem is no longer present, the system will be available again. The Adaptive Highbeam Assist Plus Now Available display message will appear. <ul style="list-style-type: none"> ► Drive on ► Operate the high beam manually until Adaptive High Beam Assist Plus is available again.
<p>Adaptive Highbeam Assist Plus Inoperative</p>	<ul style="list-style-type: none"> * Adaptive Highbeam Assist Plus is malfunctioning. <ul style="list-style-type: none"> ► Drive on or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message does not disappear: consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Check Left Low Beam (example)</p>	<ul style="list-style-type: none"> <li>► Until then, operate the high beam manually. <li>* The corresponding light source is defective. <li>► Drive on carefully. <li>► Consult a qualified specialist workshop immediately. <li>ⓘ LED light sources: the display message for the corresponding light appears only when all the light-emitting diodes in the light are faulty.
<p>Adaptive Highbeam Assist Currently Unavailable See Operator's Manual</p>	<ul style="list-style-type: none"> <li>* Adaptive Highbeam Assist is temporarily unavailable. <li>The system limits have been reached (→ page 137). <li>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. <li>► Drive on <li>► Operate the high beam manually until Adaptive High Beam Assist is available again.
<p>Adaptive Highbeam Assist Inoperative</p>	<ul style="list-style-type: none"> <li>* Adaptive Highbeam Assist is malfunctioning. <li>► Drive on <li>or <li>► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. <li>► If the display message does not disappear: consult a qualified specialist workshop. <li>► Until then, operate the high beam manually.




Display messages	Possible causes/consequences and ► Solutions
<p>Hazard Warning Light Malfunction</p>	<ul style="list-style-type: none"> * The hazard warning lamp switch is malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.



Drive system

Display messages	Possible causes/consequences and ► Solutions
 <p>Towing Not Permitted See Operator's Manual</p>	<ul style="list-style-type: none"> * The drive system is malfunctioning. <ul style="list-style-type: none"> ► Have the vehicle transported only using a transporter or trailer (→ page 379).
 <p>Acoustic Presence Indicator Inoperative</p>	<ul style="list-style-type: none"> * The sound generator (acoustic vehicle warning system) is malfunctioning. No vehicle noises are being produced. The vehicle may not be heard by other road users. <ul style="list-style-type: none"> ► Drive with particular care. ► Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Charger Cable Connected</p>	<ul style="list-style-type: none"> * You cannot pull away while the charging cable is connected. <ul style="list-style-type: none"> ► Disconnect the charging cable from the vehicle.
<p>Not Possible to Unlock Charging Cable See Operator's Manual</p>	<ul style="list-style-type: none"> * The charging cable connector cannot be removed from the vehicle socket. <ul style="list-style-type: none"> ► If the charging cable is under strain, relieve the strain on the charging cable connector by carefully pulling on the charging cable. ► Press the charging interruption button (→ page 202). <p>If the charging cable connector cannot be removed after that:</p> <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
<p>Vehicle Currently Not Charging... Charging Station Fault</p>	<ul style="list-style-type: none"> * A malfunction has occurred in the charging station or the RFID card is not recognized. <ul style="list-style-type: none"> ► Start the charging process at a different charging station. or ► Use an alternative authentication method or payment method.
<p>Charging Fault Change Charging Mode See Operator's Manual</p>	<ul style="list-style-type: none"> * A temporary malfunction has occurred in the charging station. <ul style="list-style-type: none"> ► Wait until the malfunction has passed. or



Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Start the charging process at a different charging station. or ► Use an alternative authentication method or payment method.
AC Charging Inoperative Service Required	<ul style="list-style-type: none"> * The charging process cannot be started due to a malfunction. ► Consult a qualified specialist workshop.
Authentication Failed Use Different Authentication Method or Charging Station	<ul style="list-style-type: none"> * Plug-and-Charge is not expected to be available at this charging station. ► Use an alternative authentication method or payment method. or ► Start the charging process at a different charging station.
Reduced Drive System Performance See Operator's Manual	<ul style="list-style-type: none"> * The drive system switches to emergency operation mode due to a malfunction. ► Drive on carefully. ► Consult a qualified specialist workshop.
Preparing Drive System...	<ul style="list-style-type: none"> * The insulation of the drive system is being tested. This process can last for up to ten seconds.



Display messages	Possible causes/consequences and ► Solutions
 <p>Battery Overheated Stop! Everyone Get Out! Out- doors if Possible</p>	<p>* Plug-in hybrid: The high-voltage battery is overheated. There is a risk of fire.</p> <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. <li>► If possible, stop the vehicle in the open air and ensure that all vehicle occupants get out. <li>◻ (i) Supporting vehicle functions may activate automatically, e.g. air-recirculation mode as part of climate control. <li>► Do not continue driving. <li>► If smoke is present, leave the danger zone and call the fire service immediately. <li>► Consult a qualified specialist workshop even if there are no external signs of a fire.
 <p>Malfunction</p>	<p>* The drive system is malfunctioning. A warning tone also sounds.</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop.
 <p>Malfunction Service Required</p>	<p>* The drive system is malfunctioning.</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Have High-Voltage System Checked See Operator's Manual</p>	<ul style="list-style-type: none"> * A function restriction has occurred in the drive system. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
<p>Service Required Do Not Change Transmission Position</p>	<ul style="list-style-type: none"> * The transmission is malfunctioning. It is no longer possible to change the transmission position. <ul style="list-style-type: none"> ► If 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.
<p>Do Not Restart Vehicle Service Required</p>	<ul style="list-style-type: none"> * It is not possible to restart the drive system due to a malfunction. <ul style="list-style-type: none"> ► Do not switch off the drive system; drive on to the nearest qualified specialist workshop.
 <p>Drive Power and Range Reduced See Operator's Manual</p>	<ul style="list-style-type: none"> * A malfunction has occurred in the high-voltage battery. Output and range will be severely restricted. <ul style="list-style-type: none"> ► Switch the vehicle off and lock it. ► After waiting for a short time, unlock the vehicle and start it again. <p>If the display message appears again:</p>


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Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none">► Drive on carefully.► Fully charge the high-voltage battery (→ page 193). <p>If the output and range are still reduced, there is a malfunction in the drive system.</p> <ul style="list-style-type: none">► Drive on carefully.► Consult a qualified specialist workshop.
Cannot Start Vehicle See Operator's Manual	<p>* It is not possible to start the vehicle. A malfunction has occurred in the drive system.</p> <ul style="list-style-type: none">► Switch the vehicle off and lock it.► After waiting for a short time, unlock the vehicle and start it again.► If the display message appears again and the vehicle does not start, consult a qualified specialist workshop.
Drive Malfunction Achievable Speed Limited Stop Soon	<p>* The drive system is malfunctioning. The maximum vehicle speed is restricted. The drive system will shut off within a few kilometers.</p> <ul style="list-style-type: none">► Stop the vehicle immediately in accordance with the traffic conditions and switch off the drive system. Do not continue driving.► Do not tow the vehicle; stop towing if necessary.► Consult a qualified specialist workshop.


Display messages	Possible causes/consequences and ► Solutions
<p>Drive Malfunction Achievable Speed Severely Limited See Operator's Manual</p>	<ul style="list-style-type: none"> * The drive system is malfunctioning. The maximum vehicle speed is restricted. ► Consult a qualified specialist workshop.
 <p>Malfunction</p>	<ul style="list-style-type: none"> * The drive system is malfunctioning. The output of your vehicle is restricted. ► Consult a qualified specialist workshop.
 <p>Stop Switch Off Vehicle</p>	<ul style="list-style-type: none"> * The drive system is malfunctioning. ► Stop the vehicle immediately in accordance with the traffic conditions and switch off the drive system. Do not continue driving. ► Do not tow the vehicle; stop towing if necessary. ► Consult a qualified specialist workshop.
<p>High-Voltage Battery Fault No Start in Approx. XXX mi Service Required (yellow display message)</p>	<ul style="list-style-type: none"> * A malfunction has occurred in the high-voltage battery. It will no longer be possible to start the electric drive system after the distance displayed has been covered. It will still be possible to start the combustion engine. ► Have the necessary maintenance work on the high-voltage battery carried out at a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
<p>High-Voltage Battery Fault No Start in Approx. XXX mi Service Required (red display message)</p>	<ul style="list-style-type: none"> * A malfunction has occurred in the high-voltage battery. It will no longer be possible to start the electric drive system after the distance displayed has been covered. It will still be possible to start the combustion engine. ► Have the necessary maintenance work on the high-voltage battery carried out immediately at a qualified specialist workshop.
<p>High-Voltage Battery Fault Do Not Restart Service Required</p>	<ul style="list-style-type: none"> * A malfunction has occurred in the high-voltage battery. It will no longer be possible to restart the drive system once it has been switched off. ► Do not switch off the drive system; drive on to the nearest qualified specialist workshop.
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">  </div> <p>Please Wait Depressurizing Fuel Tank</p>	<ul style="list-style-type: none"> * Vehicles with gasoline engines: the pressure in the fuel tank needs to be reduced before the fuel filler flap is opened. This pressure reduction can take up to 15 minutes.
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">  </div> <p>Fuel Tank Is Depressurized Ready for Refueling</p>	<ul style="list-style-type: none"> * Vehicles with gasoline engines: the pressure in the fuel tank is released and the fuel filler flap opens.




Vehicle



Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> * The driver display is inoperative due to a failed software update. The display message will be shown every time the engine is started. <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>⚠ WARNING Risk of accident if the driver's display fails</p> <p>If the driver's display fails or malfunctions, you may not be aware of any functional limitations to safety-critical systems. This may affect the operating safety of the vehicle.</p> <ul style="list-style-type: none"> ► Park the vehicle safely as soon as possible and notify a qualified specialist workshop. </div> <p>If the operating safety of your vehicle is impaired, park the vehicle immediately and safely. Contact a qualified specialist workshop.</p> <p>If the driver display fails, you may not recognize e.g. function restrictions affecting systems relevant to safety or the speed display. The operating safety of the vehicle may be impaired (→ page 311).</p> <ul style="list-style-type: none"> ► Have the vehicle checked by a qualified specialist workshop immediately.
<p>Cannot Start Vehicle See Operator's Manual</p>	<ul style="list-style-type: none"> * The vehicle cannot be started. <ul style="list-style-type: none"> ► Switch the vehicle off and then back on ► If the display message still appears, consult a qualified specialist workshop. * Vehicles with 48 V on-board electrical system: the state of charge of the 48 V battery is too low. You can no longer start the vehicle. <ul style="list-style-type: none"> ► Switch off electrical consumers that are not required.

Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Connect a suitable charger approved for Mercedes-Benz with sufficient charge output to the jump-start connection point of the 12 V battery (→ page 377). The 48 V battery is charged via the voltage converter in the vehicle.
<p>Vehicle Ready to Drive Shutdown Occurs When Locked or Automatically in XX Mins</p>	<ul style="list-style-type: none"> * You are about to leave the vehicle and the engine is running. The vehicle will switch off automatically in 20 minutes. <ul style="list-style-type: none"> ► To prevent the vehicle from switching off automatically, acknowledge the message on the central display of the multimedia system. * You are in the vehicle. Park position P is engaged and the engine is running. After a certain holding time, this display message will appear on the driver display. The vehicle will then switch off automatically after a total of 20 minutes of holding time. <ul style="list-style-type: none"> ► To prevent the vehicle from switching off automatically, acknowledge the message on the central display of the multimedia system.
<p>Vehicle Ready to Drive Shutdown Occurs When Locked or After a Few Minutes</p>	<ul style="list-style-type: none"> * You are leaving the vehicle in a ready-to-drive state. <ul style="list-style-type: none"> ► Get out of the vehicle, secure it against rolling away and take the 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 starting the engine may be possible only with the help of a second battery (jump start).




Display messages	Possible causes/consequences and ► Solutions
 <p>Add 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"> <li>► Add washer fluid (→ page 354).
<p>Windshield Wiper Malfunction</p>	<p>* The windshield wiper is malfunctioning.</p> <ul style="list-style-type: none"> <li>► Restart the vehicle. <p>If the display message still appears:</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop.
<p>Head-up Display Currently Unavailable See Operator's Manual</p>	<p>* The head-up display is temporarily unavailable. Possible causes:</p> <ul style="list-style-type: none"> <li>• Malfunctions in the power supply <li>• Signal interference <ul style="list-style-type: none"> <li>► Stop in accordance with the traffic conditions and switch the vehicle off and on again. <li>► If the display message still appears, consult a qualified specialist workshop.
<p>Head-up Display Inoperative</p>	<p>* The head-up display has an internal error.</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop.



Display messages	Possible causes/consequences and ► Solutions
<p>Head-up Display Brightness Currently Reduced See Operator's Manual</p>	<p>* The brightness of the head-up display is reduced. Possible causes:</p> <ul style="list-style-type: none"> • Dirt on the windshield in the camera's field of vision • Faulty exterior brightness signals <p>► Switch on the windshield wiper.</p> <p>► Clean the windshield if necessary.</p> <p>► Switch the vehicle off and then back on</p> <p>► If the display message still appears, consult a qualified specialist workshop.</p>
<div> </div> <p>Steering Malfunction Stop Immediately See Operator's Manual</p>	<p>* The steering is malfunctioning. Steering capability is significantly impaired.</p> <div style="background-color: #e0e0e0; padding: 5px;"> <p>⚠ WARNING Risk of accident if steering capability is impaired</p> </div> <p>If the steering does not function as intended, the vehicle's operating safety is jeopardized.</p> <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. ► Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Steering Malfunction Increased Physical Effort See Operator's Manual</p>	<p>* The power steering assistance is malfunctioning.</p> <div style="border: 1px solid gray; padding: 5px;"> <p>⚠ WARNING Risk of an accident due to altered steering characteristics</p> <p>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>▶ If safe steering is possible, drive on carefully. <li>▶ Visit or consult a qualified specialist workshop immediately. </div>
 <p>Steering Malfunction Drive Carefully Service Required</p>	<p>* A power steering malfunction has occurred. Steering characteristics may be impaired as a result.</p> <ul style="list-style-type: none"> <li>▶ Drive on carefully. <li>▶ Consult a qualified specialist workshop.
 <p>Rear Axle Steering Cur- rently Malfunctioning</p>	<p>* The rear-axle steering is temporarily unavailable. The turning circle may become wider.</p> <ul style="list-style-type: none"> <li>▶ Stop the vehicle in accordance with the traffic conditions and restart the vehicle. <p>If the display message does not disappear:</p> <ul style="list-style-type: none"> <li>▶ Drive on carefully. <li>▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Rear Axle Steering Malfunction Service Required</p>	<p>* The rear-axle steering is malfunctioning. The rear axle has no steering capability. The steering wheel may be at an angle when you drive in a straight line.</p> <ul style="list-style-type: none"> ► Adapt your speed and drive on carefully. ► Consult a qualified specialist workshop immediately.
 <p>Rear Axle Steering Malfunction Stop Immediately</p>	<p>* The rear-axle steering is malfunctioning. The rear axle has no steering capability. The steering wheel may be at a significant angle when you drive in a straight line. Depending on the steering wheel's angled position, the steering wheel will also vibrate and a continuous warning tone will sound.</p> <div style="border: 1px solid gray; padding: 5px; margin: 10px 0;"> <p>▲ WARNING Risk of accident if steering capability is impaired</p> <p>If the steering does not function as intended, the vehicle's operating safety is jeopardized.</p> <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. ► Consult a qualified specialist workshop. </div> <ul style="list-style-type: none"> ► When stopping, bear the greater width of the vehicle in mind.



Display messages	Possible causes/consequences and ► Solutions
Electronic Rear Axle Differential Lock Inoperative	<ul style="list-style-type: none"> * The electronic locking differential has failed. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
Electronic Rear Axle Differential Lock Currently Unavailable	<ul style="list-style-type: none"> * The electronic locking differential has overheated. <ul style="list-style-type: none"> ► Let the electronic locking differential cool down by driving defensively.
Rear Spoiler Control System Inoperative	<ul style="list-style-type: none"> * The rear spoiler cannot reach the end position during retraction and extends again if possible. The vehicle's speed may be restricted. If retraction of the rear spoiler is blocked, e.g. by ice: <ul style="list-style-type: none"> ► Ensure that the cause of the blockage has been removed. ► Switch the vehicle off and then back on ► Start the vehicle after a few minutes. The rear spoiler 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.
Ambient Lighting Warning Support Inoperative	<ul style="list-style-type: none"> * The ambient lighting may not provide full visual warning support. <ul style="list-style-type: none"> ► Lock the vehicle and unlock it again after a few minutes. ► If the display message appears regularly, contact a qualified specialist workshop.



Display messages	Possible causes/consequences and ► Solutions
	<p>* The hood is open.</p> <p>▲ WARNING Risk of accident due to driving with the hood unlocked</p> <p>The hood may open and block your view.</p> <ul style="list-style-type: none">▶ Never release the hood when driving.▶ Before every trip, ensure that the hood is locked. <p>► Stop the vehicle immediately in accordance with the traffic conditions.</p> <p>► Close the hood.</p>
	<p>* At least one door is open.</p> <p>► Close all doors.</p>
	<p>* The trunk lid 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 trunk lid 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 trunk lid.▶ Never drive with the trunk lid open.

Display messages	Possible causes/consequences and ► Solutions
 <p>Front Left Seat Backrest Not Locked (example)</p>	<ul style="list-style-type: none"> <li>► Close the trunk lid. <li>* The seat backrest of the corresponding front seat is not engaged. <li>► Fold the seat backrest back until it engages.
 <p>Intensive Cleaning Activated for 30 Seconds</p>	<ul style="list-style-type: none"> <li>* Deep cleaning of the windshield has been activated (→ page 142).

Engine

Display messages	Possible causes/consequences and ► Solutions
<p>To Switch Off Vehicle Press and Hold Start/Stop Button for at Least 3 Seconds or Press 3 Times</p>	<ul style="list-style-type: none"> <li>* You have pressed the start/stop button while the vehicle is in motion. <li>► Information about switching off the vehicle while it is being driven (→ page 162).

Display messages	Possible causes/consequences and ► Solutions
 <p>Check Coolant Level See Operator's Manual</p>	<p>* The coolant level is too low.</p> <div><p>! NOTE Engine damage due to insufficient coolant</p><p>► Avoid long journeys with insufficient coolant.</p></div> <p>► Add coolant (→ page 353).</p> <p>► Have the engine cooling system checked at a qualified specialist workshop.</p>
 <p>Coolant Stop Switch Off Vehicle</p>	<p>* The coolant is too hot.</p> <p>► Stop immediately in accordance with the traffic conditions and switch off the vehicle.</p> <div><p>! WARNING Risk of burns when opening the hood</p><p>If you open the hood in the event of an overheated engine or fire in the engine compartment, the following situations may occur:</p><ul style="list-style-type: none"><li>• You may come into contact with hot gases.<li>• You may come into contact with other escaping hot operating fluids.<p>► Before opening the hood, allow the engine to cool down.</p><p>► In the event of a fire in the engine compartment, keep the hood closed and call the fire service.</p></div> <p>► Wait until the engine has cooled down.</p>

Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► 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>Fuel Reserve</p>	<ul style="list-style-type: none"> * The fuel supply has dropped into the reserve range. <ul style="list-style-type: none"> ► Refuel.
 <p>Fuel Filler Cap Open</p>	<ul style="list-style-type: none"> * The fuel filler cap is not closed correctly or the fuel system is leaking. <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
<p>Shift to P Only When Vehicle Is Stationary</p>	<ul style="list-style-type: none"> * It is possible to select the park position P only if the vehicle is stationary. <ul style="list-style-type: none"> ► Depress the brake pedal to stop. ► Shift the transmission to park position P when the vehicle is stationary.





Display messages	Possible causes/consequences and ► Solutions
Depress 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 Vehicle	<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 vehicle. ► Change the transmission position.
Depress Brake to Shift to D or R	<ul style="list-style-type: none"> * You have attempted to select transmission position D or R. <ul style="list-style-type: none"> ► Depress the brake pedal. ► Select transmission position D or R.
Depress 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.
Risk of Vehicle Rolling Away N Activated Manually No Automatic Change to P	<ul style="list-style-type: none"> * While the vehicle was at a standstill or driving at very low speed, neutral N was engaged with the engine running or the vehicle switched on.









Display messages	Possible causes/consequences and ► Solutions
	<p>! NOTE Damage to the vehicle due to rolling away</p> <p>When the vehicle is switched off or the driver's door is opened, automatic engagement of park position P is deactivated.</p> <p>The vehicle may roll away.</p> <ul style="list-style-type: none"> ▶ Be ready to brake. ▶ Do not leave the vehicle unattended. <ul style="list-style-type: none"> ▶ Depress the brake pedal until the vehicle comes to a standstill. ▶ Engage park position P when the vehicle is stationary with the brake pedal depressed. ▶ To continue driving with the brake pedal depressed, select transmission position D or R.
<p>N Automatically Activated Please Shift to Transmission Position Again</p>	<ul style="list-style-type: none"> * Neutral N was automatically engaged when the vehicle was rolling or being driven. ⓘ When you open the driver's door in neutral N, park position P will be engaged automatically. ▶ Engage park position P when the vehicle is stationary with the brake pedal depressed. ▶ To continue driving with the brake pedal depressed, select transmission position D or R.
<p>To shift to N, hold selector lever longer in N position</p>	<ul style="list-style-type: none"> * Selector lever not held for long enough in position N. <p>It will be possible to change from park position P to neutral N only if the selector lever is held in N for an extended period of time.</p> <p>If the selector lever is not held for long enough, park position P will remain engaged.</p>

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Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none">► When changing from park position P to neutral N, hold the selector lever in position N for an extended period of time.
Service Required Do Not Change Transmission Position	<p>* The transmission is malfunctioning. It is no longer possible to change the transmission position.</p> <ul style="list-style-type: none">► If 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.

Brakes

Display messages	Possible causes/consequences and ► Solutions
<div> </div> <p>(USA only)</p> <div> </div> <p>(Canada only)</p> <p>Parking Brake See Operator's Manual</p>	<ul style="list-style-type: none"> <li>* The yellow  indicator lamp is lit. The electric parking brake is malfunctioning. <p>To apply:</p> <ul style="list-style-type: none"> <li>► Switch the vehicle off and then back on <li>► Apply the electric parking brake manually (→ page 209). <p>If it is not possible to apply the electric parking brake:</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop. <li>► Where necessary, also secure the parked vehicle against rolling away. <ul style="list-style-type: none"> <li>* The yellow  indicator lamp and the red  (USA only) or  (Canada only) indicator lamp are lit. The electric parking brake is malfunctioning. <p>To release:</p> <ul style="list-style-type: none"> <li>► Switch the vehicle off and then back on <li>► Release the electric parking brake manually (→ page 209). <p>or</p> <ul style="list-style-type: none"> <li>► Release the electric parking brake automatically (→ page 209). <p>If it is still not possible to release the electric parking brake:</p> <ul style="list-style-type: none"> <li>► 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 vehicle off and then back on <p>To apply:</p> <ul style="list-style-type: none">► Release and then apply the electric parking brake manually (→ page 209). <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 state of charge is too low:</p> <ul style="list-style-type: none">► Charge the 12 V battery (→ page 377).

Display messages	Possible causes/consequences and ► Solutions
	<p>To apply:</p> <ul style="list-style-type: none">► Apply the electric parking brake manually. <p>If it is 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 209). <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
<div></div> <p>(USA only)</p> <div></div> <p>(Canada only)</p> <p>Release Parking Brake</p>	<p>* The red PARK indicator lamp (USA only) or (P) 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"> <li>• A condition for automatic release of the electric parking brake has not been fulfilled (→ page 209). <li>• You are performing emergency braking using the electric parking brake (→ page 209). <ul style="list-style-type: none"> <li>► Check the conditions for automatic release of the electric parking brake. <li>► Release the electric parking brake manually.
<div></div> <p>(USA only)</p> <div></div> <p>(Canada only)</p> <p>Switch on Vehicle to Release the Parking Brake</p>	<p>* The red PARK (USA only) or (P) (Canada only) indicator lamp is lit.</p> <p>You have attempted to release the electric parking brake with the vehicle switched off.</p> <ul style="list-style-type: none"> <li>► Switch on the vehicle.

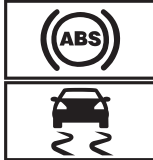

Display messages	Possible causes/consequences and ► Solutions
<div> </div> <p>(USA only)</p> <div> </div> <p>(Canada only)</p> <p>Brake Immediately</p>	<ul style="list-style-type: none"> <li>* A malfunction has occurred while the HOLD function was activated. A horn may also sound at regular intervals. You cannot start the vehicle system. <li>► Immediately depress the brake pedal firmly until the display message disappears. You cannot start the vehicle system again.
<div> </div> <p>(USA only)</p> <div> </div> <p>(Canada only)</p> <p>Check Brake Fluid Level</p>	<ul style="list-style-type: none"> <li>* There is insufficient brake fluid in the brake fluid reservoir. <div style="border: 1px solid gray; padding: 5px;"> <p>⚠ WARNING Risk of an accident due to low brake fluid level</p> <p>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>► 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>► Consult a qualified specialist workshop. <li>► Do not add brake fluid. </div>


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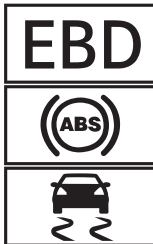


Display messages	Possible causes/consequences and ► Solutions
Check Brake Pads See Operator's Manual	<ul style="list-style-type: none">* The brakepads have reached the wear limit.<ul style="list-style-type: none">► Consult a qualified specialist workshop.


Driving and driving safety systems


Display messages	Possible causes/consequences and ► Solutions
 <p>Currently Unavailable See Operator's Manual</p>	<ul style="list-style-type: none">* ABS and ESP[®] are temporarily unavailable. Other driving systems and driving safety systems (e.g. BAS) may also be temporarily unavailable. The brake system will continue to operate normally. Braking distance may increase in an emergency braking situation. <div><p>▲ WARNING Risk of skidding if ABS and ESP[®] are malfunctioning</p><p>The wheels may lock 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 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.</div>

Display messages	Possible causes/consequences and ► Solutions
 <p>Inoperative See Operator's Manual</p>	<p>* 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. Braking distance may increase in an emergency braking situation.</p> <div style="border: 1px solid black; padding: 5px;"> <p>▲ WARNING Risk of skidding if ABS and ESP[®] are malfunctioning</p> <p>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 style="list-style-type: none"> ► Drive on carefully. ► Have ABS and ESP[®] checked immediately at a qualified specialist workshop. </div>
 <p>Currently Unavailable See Operator's Manual</p>	<p>* ESP[®] is temporarily unavailable. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning.</p> <div style="border: 1px solid black; padding: 5px;"> <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 carefully on a suitable stretch of road, making slight steering movements at a speed above 19 mph (30 km/h). </div>

Display messages	Possible causes/consequences and ► Solutions
	<p>► If the display message does not disappear, consult a qualified specialist workshop immediately. Drive carefully.</p>
 <p>Inoperative See Operator's Manual</p>	<p>* ESP® is malfunctioning. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning. The brake system will continue to operate normally. Braking distance may increase in an emergency braking situation.</p> <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.



Display messages	Possible causes/consequences and ► Solutions
 <p>Inoperative See Operator's Manual</p>	<p>* EBD, ABS and ESP® are malfunctioning. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning.</p> <div style="border: 1px solid gray; padding: 5px;"> <p>▲ WARNING Risk of skidding if EBD, ABS and ESP® are malfunctioning</p> <p>The wheels may block during braking and ESP® does not perform any vehicle stabilization.</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> <ul style="list-style-type: none"> <li>► Drive on carefully. <li>► Have the brake system checked immediately at a qualified specialist workshop. </div>
 <p>Off</p>	<p>* The HOLD function is deactivated because the vehicle is slipping or a condition for activation is not fulfilled. ► Reactivate the HOLD function later or check the activation conditions for the HOLD function (→ page 219).</p>
 <p>ATTENTION ASSIST: Take a Break!</p>	<p>* ATTENTION ASSIST has detected fatigue or an increasing lack of concentration on the part of the driver (→ page 220).</p> <ul style="list-style-type: none"> <li>► If necessary, take a break.


Display messages	Possible causes/consequences and ► Solutions
 <p>--- mph</p>	<ul style="list-style-type: none"> * Cruise control cannot be activated because not all activation conditions are fulfilled. <ul style="list-style-type: none"> ► Observe the activation conditions for cruise control (→ page 222).
Cruise Control Inoperative	<ul style="list-style-type: none"> * Cruise control is malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.
Cruise Control Off	<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 222).
Traffic Sign Assist Currently Unavailable See Operator's Manual	<ul style="list-style-type: none"> * Traffic Sign Assist is temporarily unavailable. <ul style="list-style-type: none"> Once the cause of the problem is no longer present, the system will be available again. ► Continue driving in compliance with the traffic regulations.
Traffic Sign Assist Inoperative	<ul style="list-style-type: none"> * Traffic Sign Assist is malfunctioning. <ul style="list-style-type: none"> ► Continue driving in compliance with the traffic regulations. or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message does not disappear: consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
 <p>Malfunction Do Not Exceed 50 mph</p>	<ul style="list-style-type: none"> * AMG RIDE CONTROL is malfunctioning. The vehicle's handling characteristics may be affected. AMG ACTIVE RIDE CONTROL is malfunctioning. The vehicle's handling characteristics may be affected. ► Do not drive at speeds greater than 50 mph (80 km/h). ► Consult a qualified specialist workshop.
<p>AMG Ride Control Function Limited See Operator's Manual</p>	<ul style="list-style-type: none"> * At least one of the main functions of AMG RIDE CONTROL is malfunctioning. At least one of the main functions of AMG ACTIVE RIDE CONTROL is malfunctioning. The system is outside the operating temperature range or the on-board electrical system voltage is too low. Once the cause of the problem is no longer present, the system will be available again. <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> <p>! NOTE The vehicle's suspension and damping behavior is restricted. The vehicle body may tilt heavily to the side during cornering.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► Reduce speed considerably before taking a bend. ► Avoid sudden steering movements. </div> <ul style="list-style-type: none"> ► Drive on carefully. ► Reduce speed considerably before taking a bend. ► Avoid sudden steering movements.

Display messages	Possible causes/consequences and ► Solutions
<p>RACE START Not Possible See Operator's Manual</p>	<p>* Possible causes:</p> <ul style="list-style-type: none"> • The activation conditions have not been fulfilled (→ page 259).
<p>RACE START Canceled</p>	<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>



Driver assistance systems

Display messages	Possible causes/consequences and ► Solutions
 <p>--- mph</p>	<p>* Active Distance Assist DISTRONIC cannot be activated because not all activation conditions are fulfilled.</p> <p>► Comply with the activation conditions of Active Distance Assist DISTRONIC (→ page 226).</p>
 <p>Suspended</p>	<p>* If you depress the accelerator pedal beyond the setting of Active Distance Assist DISTRONIC, the system will switch to passive mode (→ page 224).</p>

Display messages	Possible causes/consequences and ► Solutions
 <p>Off</p>	<p>* Active Distance Assist DISTRONIC was deactivated. If a warning tone also sounds, Active Distance Assist DISTRONIC has deactivated automatically (→ page 226).</p>
<p>Active Distance Assist Currently Unavailable See Operator's Manual</p>	<p>* Active Distance Assist DISTRONIC is temporarily unavailable. The ambient conditions are outside the system limits (→ page 224). As soon as the ambient conditions are within the system limits, the system will become available again.</p> <ul style="list-style-type: none"> ► Drive on carefully. or ► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.
<p>Active Distance Assist Inoperative</p>	<p>* Active Distance Assist DISTRONIC is malfunctioning. Other driving systems and driving safety systems may also be malfunctioning.</p> <ul style="list-style-type: none"> ► Drive on carefully. or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message does not disappear: consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
<p>Active Distance Assist Now Available</p>	<p>* Active Distance Assist DISTRONIC is operational again. ► Switch on Active Distance Assist DISTRONIC (→ page 226).</p>
<p>Active Brake Assist Functions Currently Limited See Operator's Manual</p>	<p>* For vehicles with the Driving Assistance Package, the following functions may be temporarily unavailable or only partially available:</p> <ul style="list-style-type: none"> • Active Brake Assist with cross-traffic function • Evasive Steering Assist • PRE-SAFE® PLUS <p>Vehicles with Blind Spot Assist: PRE-SAFE® PLUS is temporarily unavailable. The ambient conditions are outside the system limits (→ page 240). Vehicles without the Driving Assistance Package: Active Brake Assist is temporarily unavailable.</p> <p>► Drive on carefully. As soon as the ambient conditions are within the system limits, the system will become available again.</p> <p>or</p> <p>► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.</p>
<p>Active Brake Assist Functions Limited See Operator's Manual</p>	<p>* For vehicles with the Driving Assistance Package, the following functions may be temporarily unavailable or only partially available:</p> <ul style="list-style-type: none"> • Active Brake Assist with cross-traffic function

Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> • Evasive Steering Assist • PRE-SAFE® PLUS <p>Vehicles without the Driving Assistance Package: Active Brake Assist is temporarily unavailable or only partially available.</p> <p>► Drive on carefully.</p> <p>or</p> <p>► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.</p> <p>► If the display message does not disappear: consult a qualified specialist workshop.</p>
Active Steering Assist Currently Unavailable See Operator's Manual	<p>* Active Steering Assist is temporarily unavailable. The ambient conditions are outside the system limits (→ page 231). As soon as the ambient conditions are within the system limits, the system will become available again.</p> <p>► Drive on</p> <p>► Check the tire pressure if necessary.</p>
Active Steering Assist Inoperative	<p>* Active Steering Assist is malfunctioning. Active Distance Assist DISTRONIC remains available.</p> <p>► Drive on</p> <p>or</p> <p>► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.</p> <p>► If the display message does not disappear: consult a qualified specialist workshop.</p>

Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> * Active Steering Assist has reached the system limits (→ page 231). You have not steered independently for a considerable period of time. <ul style="list-style-type: none"> ► Take over the steering and drive on in accordance with the traffic conditions.
<p>Active Steering Assist Currently Unavailable Due to Multiple Emergency Stops</p>	<ul style="list-style-type: none"> * Active Steering Assist is temporarily unavailable due to multiple emergency stops. <ul style="list-style-type: none"> ► Take over the steering and stop in accordance with the traffic conditions. ► Switch the vehicle off and then back on Active Steering Assist is available once more.
 <p>Initiating Emergency Stop</p>	<ul style="list-style-type: none"> * Your hands are not on the steering wheel. Active Steering Assist will initiate an emergency stop (→ page 231). <ul style="list-style-type: none"> ► Put your hands on the steering wheel. <p>Information on canceling an emergency stop (→ page 234).</p>
<p>Active Emergency Stop Assist Currently Unavailable See Operator's Manual</p>	<ul style="list-style-type: none"> * Active Emergency Stop Assist is temporarily unavailable. The ambient conditions are outside the system limits (→ page 234). As soon as the ambient conditions are within the system limits, the system will become available again. <ul style="list-style-type: none"> ► Drive on <p>or</p>

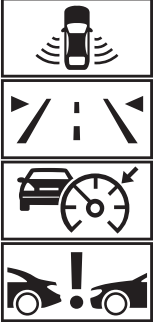
Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle. * Vehicles without the Driving Assistance Package: Active Emergency Stop Assist is temporarily unavailable due to multiple emergency stops. <ul style="list-style-type: none"> ► Take over the steering and stop in accordance with the traffic conditions. ► Switch the vehicle off and then back on Active Emergency Stop Assist will be available once more.
Active Emergency Stop Assist Inoperative	<ul style="list-style-type: none"> * Active Emergency Stop Assist is malfunctioning. <ul style="list-style-type: none"> ► Drive on or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message does not disappear: consult a qualified specialist workshop.
Active Lane Change Assist Currently Unavailable See Operator's Manual	<ul style="list-style-type: none"> * Active Lane Change Assist is temporarily unavailable. The ambient conditions are outside the system limits (→ page 235). As soon as the ambient conditions are within the system limits, the system will become available again. <ul style="list-style-type: none"> ► Drive on or ► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.




Display messages	Possible causes/consequences and ► Solutions
Active Lane Change Assist Inoperative	<p>* Active Lane Change Assist is malfunctioning.</p> <ul style="list-style-type: none">► Drive on <p>or</p> <ul style="list-style-type: none">► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.► If the display message does not disappear: consult a qualified specialist workshop.
Automatic Lane Change Currently Unavailable See Operator's Manual	<p>* Active Lane Change Assist is temporarily unavailable.</p> <p>The ambient conditions are outside the system limits (→ page 235).</p> <p>As soon as the ambient conditions are within the system limits, the system will become available again.</p> <ul style="list-style-type: none">► Drive on <p>or</p> <ul style="list-style-type: none">► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.
Automatic Lane Change Inoperative	<p>* Active Lane Change Assist is malfunctioning.</p> <ul style="list-style-type: none">► Drive on <p>or</p> <ul style="list-style-type: none">► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.► If the display message does not disappear: consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
<p>Active Stop & Go Assist Currently Unavailable See Operator's Manual</p>	<p>* Active Stop-and-Go Assist is temporarily unavailable. Active Distance Assist DISTRONIC and Active Steering Assist are still available. The ambient conditions are outside the system limits (→ page 224). As soon as the ambient conditions are within the system limits, the system will become available again.</p> <p>► Drive on</p>
<p>Active Stop & Go Assist Inoperative See Operator's Manual</p>	<p>* Active Stop-and-Go Assist is malfunctioning. Active Stop-and-Go Assist has been deactivated. Active Distance Assist DISTRONIC and Active Steering Assist are still available.</p> <p>► Drive on or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message does not disappear: consult a qualified specialist workshop.</p>
<p>Blind Spot Assist Currently Unavailable See Operator's Manual</p>	<p>* Blind Spot Assist is temporarily unavailable. The system limits have been reached (→ page 249). Once the cause of the problem is no longer present, the system will be available again.</p> <p>► Drive on or ► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.</p>

Display messages	Possible causes/consequences and ► Solutions
Blind Spot Assist Inoperative	<p>* Blind Spot Assist or the exit warning is malfunctioning.</p> <ul style="list-style-type: none">► Drive onor► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.► If the display message does not disappear: consult a qualified specialist workshop.
Active Blind Spot Assist Currently Unavailable See Operator's Manual	<p>* Active Blind Spot Assist is temporarily unavailable. The system limits have been reached (→ page 249). Once the cause of the problem is no longer present, the system will be available again.</p> <ul style="list-style-type: none">► Drive onor► If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.
Active Blind Spot Assist Inoperative	<p>* Active Blind Spot Assist or the exit warning is malfunctioning.</p> <ul style="list-style-type: none">► Drive onor► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.► If the display message does not disappear: consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ► Solutions
<p>Active Lane Keeping Assist Currently Unavailable See Operator's Manual</p>	<p>* Active Lane Keeping Assist is temporarily unavailable. The ambient conditions are outside the system limits (→ page 253). As soon as the ambient conditions are within the system limits, the system will become available again.</p> <ul style="list-style-type: none"> ► Drive on
<p>Active Lane Keeping Assist Inoperative</p>	<p>* Active Lane Keeping Assist is malfunctioning.</p> <ul style="list-style-type: none"> ► Drive on or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message does not disappear: consult a qualified specialist workshop.
<p>Active Lane Keeping Assist Limited Range of Functions See Operator's Manual</p>	<p>* Active Lane Keeping Assist is available but restricted.</p> <ul style="list-style-type: none"> ► Drive on or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message does not disappear: consult a qualified specialist workshop.
<div> </div> <p>Initiating Emergency Stop</p>	<p>* Your hands are not on the steering wheel. The Active Lane Keeping Assist will initiate an emergency stop (→ page 253).</p> <ul style="list-style-type: none"> ► Put your hands on the steering wheel. <p>Information on canceling an emergency stop (→ page 234).</p>

Display messages	Possible causes/consequences and ► Solutions
 <p>Temporarily Unavailable Sensors Dirty</p>	<p>* Front and corner radar sensors (hereafter "sensors") are malfunctioning. Possible causes:</p> <ul style="list-style-type: none"><li>• The sensors are dirty<li>• Heavy rain or snow<li>• Extended country driving without other traffic, e.g. in the desert <p>Driving systems and driving safety systems may be malfunctioning or temporarily unavailable. The brake system, steering and drive system will continue to function normally.</p> <p>► Drive on carefully.</p> <p>Once the causes of the problem are no longer present, the driving systems and driving safety systems will be available again and the corresponding symbols will be switched off.</p> <p>If the display message does not disappear:</p> <ul style="list-style-type: none"><li>► Stop the vehicle in accordance with the traffic conditions.<li>► Clean all sensor covers from the outside (→ page 212).<li>► Restart the vehicle.

Display messages	Possible causes/consequences and ► Solutions
 <p>Camera View Reduced See Operator's Manual</p>	<p>* The view of the multifunction camera is restricted. Possible causes:</p> <ul style="list-style-type: none"> • Dirt on the windshield in the field of vision of the multifunction camera • Heavy rain, snow or fog • Mist on the inside or outside of the windshield: in certain weather conditions, mist can form on the inside or outside of the windshield during cold times of year in particular. <p>  This mist on the windshield will be removed automatically within a short time with the aid of a heater. The restriction is temporary. </p> <p>Driving systems and driving safety systems may be malfunctioning or temporarily unavailable. The brake system, steering and drive system will continue to function normally.</p> <ul style="list-style-type: none"> ► Drive on carefully. ► To remove mist from the outside, wipe once (→ page 142). ► To remove the mist from the inside, press  (→ page 152). <p>Once the causes of the problem are no longer present, the driving systems and driving safety systems will be available again and the corresponding symbols will be switched off.</p> <p>If the display message does not disappear even after a driving time of about 15 minutes:</p> <ul style="list-style-type: none"> ► Stop the vehicle in accordance with the traffic conditions. ► Clean the windshield, especially in the position of the multifunction camera (→ page 212). ► Restart the vehicle.

492 Display messages and warning/indicator lamps


Display messages	Possible causes/consequences and ► Solutions
PRE-SAFE Inoperative See Operator's Manual	<ul style="list-style-type: none">* The PRE-SAFE® functions are malfunctioning.<ul style="list-style-type: none">► Consult a qualified specialist workshop.
PRE-SAFE PLUS Inoperative See Operator's Manual	<ul style="list-style-type: none">* The PRE-SAFE® PLUS system is malfunctioning.<ul style="list-style-type: none">► Drive onor► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.► If the display message does not disappear: consult a qualified specialist workshop.

Parking assistance systems



Display messages	Possible causes/consequences and ► Solutions
PARKTRONIC Inoperative See Operator's Manual	<ul style="list-style-type: none">* Parking Assist PARKTRONIC is malfunctioning.<p>Once the cause of the problem is no longer present, the system will be available again.</p><ul style="list-style-type: none">► Continue driving while paying attention to the vehicle's surroundings.or► Stop the vehicle in accordance with the traffic conditions and restart the vehicle.► If the display message still appears, consult a qualified specialist workshop.

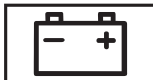
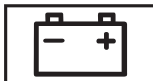

Display messages	Possible causes/consequences and ► Solutions
<p>Active Parking Assist and PARKTRONIC Inoperative See Operator's Manual</p>	<ul style="list-style-type: none"> * Active Parking Assist and Parking Assist PARKTRONIC are malfunctioning. Once the cause of the problem is no longer present, the system will be available again. <ul style="list-style-type: none"> ► Continue driving while paying attention to the vehicle's surroundings. or ► Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ► If the display message still appears, consult a qualified specialist workshop.
<p>Active Parking Assist Limited Availability of Maneuvering Assistance See Operator's Manual</p>	<ul style="list-style-type: none"> * Active Parking Assist's maneuvering assistant is temporarily unavailable or only partially available. <ul style="list-style-type: none"> ► Clean all sensors of the parking and camera system (→ page 359). ► If the display message still appears, consult a qualified specialist workshop.




Mercedes-Benz emergency call system

Display messages	Possible causes/consequences and ► Solutions
<div style="border: 1px solid black; padding: 5px; display: inline-block;">  </div> <p>Inoperative</p>	<ul style="list-style-type: none"> * The Mercedes-Benz emergency call system is malfunctioning. The Mercedes me connect system is also malfunctioning. <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.

Battery

Display messages	Possible causes/consequences and ► Solutions
 <p>12 V On-board Electrical System Service Required</p>	<p>* The 12 V on-board electrical system is malfunctioning.</p> <ul style="list-style-type: none"><li>► Consult a qualified specialist workshop immediately.
 <p>Stop Vehicle See Operator's Manual</p>	<p>* The 12 V battery is no longer being charged and the state of charge is too low.</p> <div style="border: 1px solid black; padding: 5px;"><p>! NOTE Possible engine damage if you continue driving</p><ul style="list-style-type: none"><li>► Do not continue driving under any circumstances.<li>► Consult a qualified specialist workshop.</div> <ul style="list-style-type: none"><li>► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving.<li>► Switch off the vehicle.<li>► Consult a qualified specialist workshop.



Display messages	Possible causes/consequences and ► Solutions
 <p>Switch on vehicle to charge the 12 V battery</p>	<ul style="list-style-type: none"> <li>* The vehicle is off and the state of charge of the 12 V battery is too low. <ul style="list-style-type: none"> <li>► Switch off electrical consumers that are not required. <li>► Drive for 30–60 mins. <li>or <li>► Charge the 12 V battery when stationary (→ page 377). <li>► Plug-in hybrid: Charge the vehicle at a charging station (→ page 193).
 <p>Stop Vehicle To Charge the 12 V Battery Do Not Switch Off Vehicle</p>	<ul style="list-style-type: none"> <li>* The state of charge of the 12 V battery is too low. <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. <li>► Leave the vehicle running <li>► If the display message disappears: drive on. <li>► If the display message does not disappear: consult a qualified specialist workshop.
 <p>Stop Vehicle See Operator's Manual</p>	<ul style="list-style-type: none"> <li>* The 48 V on-board electrical system is malfunctioning. <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. <li>► Switch off the vehicle. <li>► Consult a qualified specialist workshop.



Display messages	Possible causes/consequences and ► Solutions
 <p>Battery Overheated Stop! Everyone Get Out! Out- doors if Possible</p>	<ul style="list-style-type: none"> <li>* The 48 V battery is overheating. There is a risk of fire. <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. <li>► If possible, stop the vehicle in the open air and ensure that all vehicle occupants get out. <li>◻ ⓘ Supporting vehicle functions may activate automatically, e.g. air-recirculation mode as part of climate control. <li>► Do not continue driving. <li>► If smoke is present, leave the danger zone and call the fire service immediately. <li>► Consult a qualified specialist workshop even if there are no external signs of a fire.
 <p>48 V Battery See Opera- tor's Manual</p>	<ul style="list-style-type: none"> <li>* The 48 V on-board electrical system has function restrictions. The engine output may be reduced. It is possible to drive on. <ul style="list-style-type: none"> <li>► If the display message remains active permanently, consult a qualified specialist workshop immediately.
 <p>Please Wait Charging 48 V Battery...</p>	<ul style="list-style-type: none"> <li>* The 48 V battery is discharged. You have switched on the vehicle while the 12 V battery was being charged with a suitable charger or while another vehicle was providing starting assistance. The discharged 48 V battery is charged automatically via the voltage converter. After a few minutes, the Starting Possible Again display message will be shown on the driver's display. <ul style="list-style-type: none"> <li>► Start the vehicle.

Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Drive the vehicle for a while to charge the 12 V battery and the 48 V battery after disconnecting the charger from the vehicle. <p>If the Starting Possible Again display message does not appear after a few minutes:</p> <ul style="list-style-type: none"> ► Try to start the vehicle. ► If the vehicle does not start, consult a qualified specialist workshop.
Starting Possible Again	<ul style="list-style-type: none"> * The 48 V battery has been charged automatically via the voltage converter. ► Start the vehicle and drive for a while to charge the 12 V battery and the 48 V battery.

Tire pressure monitor


Display messages	Possible causes/consequences and ► Solutions
Tire Pressure 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. ► Drive on
Tire Pressure Monitor Inoperative	<ul style="list-style-type: none"> * The tire pressure monitoring system is malfunctioning.



Display messages	Possible causes/consequences and ► Solutions
	<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>
<p>Tire Pressure Monitor Inoperative Tire Pressure Sensors Missing</p>	<p>* The wheels installed do not have suitable tire pressure sensors. The tire pressure monitoring system is deactivated.</p> <p>► Install wheels with suitable tire pressure sensors.</p>
 <p>Wheel Sensor(s) Missing</p>	<p>* There is no signal from the tire pressure sensor in at least one wheel. No pressure value is displayed for the affected tire.</p> <p>► Have the faulty tire pressure sensor replaced at a qualified specialist workshop.</p>
 <p>Check Tires</p>	<p>* The tire pressure in one or more tires has dropped significantly. The wheel position is displayed. A warning tone also sounds.</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.



Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> ► Stop the vehicle in accordance with the traffic conditions. ► Check the tire pressure (→ page 387) and the tires.
 <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 392).
 <p>Warning Tire Malfunction</p>	<p>* The pressure in one or more tires has dropped suddenly. The wheel position is displayed.</p> <div style="background-color: #e0e0e0; padding: 5px;"> <p>⚠ WARNING Risk of an accident from driving with a flat tire</p> </div> <ul style="list-style-type: none"> • The tires can overheat and be damaged. • The driving characteristics as well as the steering and braking characteristics may be greatly impaired. <p>You could then lose control of the vehicle.</p>

Display messages	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none">► Do not drive with a flat tire.► Observe the notes on flat tires. <p>Notes in the event of a flat tire (→ page 367).</p> <ul style="list-style-type: none">► Stop the vehicle in accordance with the traffic conditions.► Check the tires.

Engine oil

Display messages	Possible causes/consequences and ► Solutions
 <p>Check Engine Oil Level At Next Refueling (Add 1 Quart)</p>	<p>* The engine oil level has dropped to the minimum level.</p> <div><p>! NOTE Engine damage caused by driving with insufficient engine oil</p></div> <ul style="list-style-type: none">► Avoid long journeys with insufficient engine oil. <ul style="list-style-type: none">► When next refueling, add 1.1 US qt (1 l) of engine oil (→ page 352). <p>Notes on engine oil (→ page 422).</p>

Display messages	Possible causes/consequences and ► Solutions
 <p>Engine Oil Level Reduce Oil Level</p>	<p>* The engine oil level is too high.</p> <div style="border: 1px solid gray; padding: 2px;"> <p>! NOTE Engine damage caused by driving with excess engine oil</p> </div> <ul style="list-style-type: none"> <li>► Avoid long journeys with excess engine oil. <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop immediately and have the engine oil level reduced.
 <p>Engine Oil Level Stop Switch Off Vehicle</p>	<p>* The engine oil level is too low.</p> <div style="border: 1px solid gray; padding: 2px;"> <p>! NOTE Engine damage caused by driving with insufficient engine oil</p> </div> <ul style="list-style-type: none"> <li>► Avoid long journeys with insufficient engine oil. <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. <li>► Switch off the vehicle. <li>► Add 1.1 US qt (1 l) of engine oil (→ page 352). <li>► Check the engine oil level. <p>Notes on engine oil (→ page 422).</p>

Display messages	Possible causes/consequences and ► Solutions
 <p>Engine Oil Pressure Stop Switch Off Vehicle</p>	<p>* The oil pressure is too low.</p> <div style="border: 1px solid black; padding: 5px;"> <p>! NOTE Engine damage caused by driving with insufficient oil pressure</p> <p>► Avoid driving with insufficient oil pressure.</p> </div> <ul style="list-style-type: none"> <li>► Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. <li>► Switch off the vehicle. <li>► Consult a qualified specialist workshop.
 <p>Engine Oil Level Cannot Be Measured</p>	<p>* The electrical connection to the oil level sensor has been interrupted or the oil level sensor is faulty.</p> <ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop.

Warning and indicator lamps

Overview of indicator and warning lamps

Some systems will perform a self-test when the vehicle is switched on. Some indicator and warning lamps may briefly light up or flash. This behav-

ior is non-critical. These indicator and warning lamps indicate a malfunction only if they light up or flash after the vehicle has been started or during a journey.





The indicator and warning lamps are located in the highlighted display sections.

Driver display





Indicator and warning lamps

Occupant safety





-  Restraint system (→ page 505)
-  Seat belt (→ page 505)
-  Occupant presence reminder (white) (→ page 505)
-  Occupant presence reminder (yellow) (→ page 505)

Drive system






-  Reduced power (→ page 507)

-  System error (→ page 507)
-  Electrical malfunction (→ page 507)



Vehicle






-  Power steering (yellow) (→ page 508)
-  Power steering (red) (→ page 508)
-  Rear-axle steering (yellow) (→ page 508)
-  Rear-axle steering (red) (→ page 508)

Engine












-  Coolant temperature (→ page 510)
-  Engine diagnostics (→ page 510)
-  Engine operating temperature
-  Electrical malfunction (→ page 510)
-  Reserve fuel with fuel filler flap location indicator (→ page 510)

Brakes

-  Electric parking brake (yellow) (→ page 514)
-  USA: electric parking brake (red) (→ page 514)


-  Canada: electric parking brake (red) (→ page 514)
-  USA: Recuperative Brake System (→ page 514)
-  Canada: brakes (yellow) (→ page 514)
-  USA: brakes (red) (→ page 514)
-  Canada: brakes (red) (→ page 514)

Driving and driving safety systems


-  ABS (→ page 517)
-  ESP® (→ page 517)
-  ESP® OFF
-  ESP® OFF (→ page 517)
-  ESP® SPORT (→ page 517)
-  ATTENTION ASSIST (→ page 517)
-  Traffic Sign Assist (→ page 517)
-  Distance warning (→ page 517)
-  Active Brake Assist (→ page 517)
-  Active Brake Assist (→ page 517)
-  Active Brake Assist (→ page 517)

504 Display messages and warning/indicator lamps


 AMG RIDE CONTROL (→ page 517)

 AMG ACTIVE RIDE CONTROL
(→ page 517)

Mercedes-Benz emergency call system


 Mercedes-Benz emergency call system
(→ page 522)

Tire pressure monitor


 Tire pressure monitor (→ page 523)

Exterior lighting

 Parking lamps (→ page 130)

 Low beam (→ page 130)

 High beam (→ page 131)


 Turn signal lights (→ page 131)

 Rear fog light (→ page 130)

Symbols on the central display

 Drive Away Assist (→ page 279)

 Rear cross traffic warning (→ page 280)

 Close-range braking (→ page 281)

Occupant safety

Warning/indicator lamp



Restraint system warning lamp

Possible causes/consequences and ► Solutions

* The restraint system red warning lamp is lit while the vehicle is on.
The restraint system is malfunctioning (→ page 45).

▲ 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.

Plug-in hybrid:




▲ DANGER Risk of death due to the restraint system malfunctioning


Components in the restraint system may be activated unintentionally or not deploy as intended in an accident. In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended.

You may receive an electric shock if you touch the damaged components of the high-voltage on-board electrical system.



- Have the restraint system checked and repaired immediately at a qualified specialist workshop.
- After an accident, switch off the vehicle immediately.


- Drive on carefully.
- Note the messages on the driver display.

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Seat belt warning lamp flashes</p>	<ul style="list-style-type: none"> <li>► Consult a qualified specialist workshop immediately. <p>* The red seat belt warning lamp flashes and an intermittent warning tone sounds. The driver or front passenger has not fastened his/her seat belt while the vehicle is in motion.</p> <ul style="list-style-type: none"> <li>► Fasten your seat belt (→ page 45). <li>There are objects on the front passenger seat. <li>► Remove the objects from the front passenger seat.
 <p>Seat belt warning lamp lights up</p>	<p>* The red seat belt warning lamp lights up for six seconds once the vehicle has started.</p> <p>In addition, an intermittent warning tone may sound.</p> <p>The red seat belt warning lamp reminds the driver and front passenger to fasten their seat belts.</p> <ul style="list-style-type: none"> <li>► Fasten your seat belt (→ page 45). <p>If you have placed objects on the front passenger seat, the red seat belt warning lamp may remain lit.</p>
 <p>Occupant presence reminder warning lamp (white)</p>	<p>* The white occupant presence reminder warning lamp is lit. The occupant presence reminder is deactivated.</p> <ul style="list-style-type: none"> <li>► Switch on the occupant presence reminder, see (→ page 72).



Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Occupant presence reminder warning lamp (yellow)</p>	<p>* The yellow occupant presence reminder warning lamp is lit. The occupant presence reminder is malfunctioning</p> <p>► Note the messages on the driver display.</p>



Drive system

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Reduced warning lamp power</p>	<p>* The yellow reduced-power warning lamp is on. Drive system power output is reduced.</p> <p>► Note the messages on the driver display.</p>
 <p>System malfunction warning lamp</p>	<p>* The red system error warning lamp is lit while the vehicle is in a state of operational readiness READY.</p> <p>► Note the messages on the driver display.</p>


Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Electrical malfunction warning lamp</p>	<p>* The red electrical malfunction warning lamp is on. There is a malfunction with the electrics.</p> <p>► Note the messages on the driver display.</p>


Vehicle


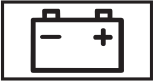

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Power steering warning lamp (yellow)</p>	<p>* The yellow power steering warning lamp is lit while the vehicle is running. The power assistance or the steering itself is malfunctioning.</p> <p>► Note the messages on the driver display.</p>
 <p>Power steering warning lamp (red)</p>	<p>* The red power steering warning lamp is lit while the vehicle is running. The power assistance or the steering itself is malfunctioning.</p> <div style="background-color: #cccccc; padding: 5px;"> <p>▲ WARNING Risk of accident if steering capability is impaired</p> </div> <p>If the steering does not function as intended, the vehicle's operating safety is jeopardized.</p>



Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. ► Consult a qualified specialist workshop. <p>► Note the messages on the driver display.</p>
 <p>Rear axle steering warning lamp (yellow)</p>	<p>* The yellow rear axle steering warning lamp is lit while the vehicle is running. The rear axle steering is malfunctioning.</p> <p>► Note the messages on the driver's display.</p>
 <p>Rear axle steering warning lamp (red)</p>	<p>* The red rear axle steering warning lamp is lit while the vehicle is running. The rear axle steering is malfunctioning.</p> <p>⚠ WARNING Risk of accident if steering capability is impaired</p> <p>If the steering does not function as intended, the vehicle's operating safety is jeopardized.</p> <ul style="list-style-type: none"> ► Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances. ► Consult a qualified specialist workshop. <p>► Note the messages on the driver's display.</p>

Engine




Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Coolant warning lamp (red)</p>	<p>* The red coolant warning lamp is lit while the engine is running.</p> <p>Possible causes:</p> <ul style="list-style-type: none">• The temperature sensor is malfunctioning• The coolant level is too low• The air supply to the radiator is obstructed• The radiator fan is faulty• The engine coolant pump is faulty <p>If there is an additional warning tone, the coolant temperature has exceeded the maximum permissible temperature.</p> <p>▲ WARNING Risk of burns when opening the hood</p> <p>If you open the hood in the event of an overheated engine or fire in the engine compartment, the following situations may occur:</p> <ul style="list-style-type: none">• You may come into contact with hot gases.• You may come into contact with other escaping hot operating fluids. <p>► Before opening the hood, allow the engine to cool down.</p> <p>► In the event of a fire in the engine compartment, keep the hood closed and call the fire service.</p>





Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"> ► Stop immediately in accordance with the traffic conditions and switch off the vehicle. Do not continue driving. ► Note the messages on the driver display. <p>If the coolant temperature display is at the lower end of the temperature scale:</p> <ul style="list-style-type: none"> ► Consult a qualified specialist workshop. <p>If the coolant temperature display is at the upper end of the temperature scale:</p> <ul style="list-style-type: none"> ► Exit the vehicle and keep a safe distance from it until the engine has cooled down. ► Check the coolant level (→ page 353). ► 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.
<div style="border: 1px solid black; padding: 5px; display: inline-block;">  </div> <p>Coolant warning lamp (yellow)</p>	<p>* The yellow coolant warning lamp is lit while the engine is running.</p> <p>Possible causes:</p> <ul style="list-style-type: none"> • The temperature sensor is malfunctioning • The charge air, transmission oil or battery cooling is faulty • The radiator shutters are blocked or defective <ul style="list-style-type: none"> ► Avoiding high loads on the engine, drive to the nearest qualified specialist workshop.

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Check Engine warning lamp</p>	<p>* The yellow engine diagnostics warning lamp is lit while the engine is running. A malfunction has occurred in the engine, the exhaust system or the fuel system. This may cause the emissions limit values to be exceeded and the engine to run in emergency mode. In some states, legal requirements stipulate that you must immediately consult a qualified specialist workshop as soon as the yellow engine diagnostics warning lamp lights up.</p> <p>► Have the vehicle checked as soon as possible at a qualified specialist workshop.</p>
 <p>Electrical malfunction warning lamp</p>	<p>* The red electrical malfunction warning lamp is lit. There is a malfunction in the electrics.</p> <p>► Note the messages on the driver display.</p>
 <p>Engine operating temperature warning lamp</p>	<p>*The blue warning lamp for engine operating temperature will remain lit until the engine operating temperature has been reached. The engine output and engine torque will remain reduced until then.</p> <p>► Take this into consideration in your driving style.</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Fuel reserve warning lamp flashes</p>	<p>* The yellow fuel reserve warning lamp lights up while you are driving. 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>Fuel reserve warning lamp lights up</p>	<p>* The yellow fuel reserve warning lamp lights up while the engine is running. 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
 <p>Electric parking brake indicator lamp (red) (USA only)</p>  <p>Electric parking brake indicator lamp (red) (Canada only)</p>  <p>Electric parking brake indicator lamp (yellow)</p>	<p>* The red electric parking brake indicator lamp flashes or is lit. The yellow electric parking brake indicator lamp is also lit up in the event of a malfunction.</p> <ul style="list-style-type: none">► Note the messages on the driver display.



Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>RBS warning lamp (USA only)</p>  <p>Brakes warning lamp (yellow) (Canada only)</p>	<p>*The yellow  warning lamp (USA only) or the yellow  brake warning lamp (Canada only) is lit while the vehicle is running.</p> <p>▲ WARNING Risk of an accident due to a brake system malfunction</p> <p>If the brake system is malfunctioning, braking characteristics may be impaired.</p> <ul style="list-style-type: none">► Drive on carefully.► Have the brake system checked immediately at a qualified specialist workshop. <p>The Hill Start Assist may be malfunctioning.</p> <ul style="list-style-type: none">► Adjust your speed and drive on carefully, leaving a suitable distance to the vehicle in front.► If the driver's display shows a display message, observe it.► Consult a qualified specialist workshop.




Warning/indicator lamp	Possible causes/consequences and ► Solutions
<div> </div> <p>Brakes warning lamp (USA only)</p> <div> </div> <p>Brakes warning lamp (Canada only)</p>	<p>* The red brakes warning lamp is lit while the vehicle is running.</p> <p>Possible causes:</p> <ul style="list-style-type: none"> <li>• The brake force boosting is malfunctioning and the braking characteristics may be affected. <li>• There is insufficient brake fluid in the brake fluid reservoir. <p>► Note the messages on the driver display.</p> <div> <p>▲ WARNING Risk of accident and injury if brake force boosting is malfunctioning</p> </div> <p>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 style="list-style-type: none"> <li>► Stop in a safe location immediately. Do not continue driving. <li>► Consult a qualified specialist workshop. <div> <p>▲ WARNING Risk of an accident due to low brake fluid level</p> </div> <p>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>► 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>► Consult a qualified specialist workshop. <li>► Do not add brake fluid.





Driving and driving safety systems

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>ABS warning lamp</p>	<p>* The yellow ABS warning lamp is lit while the vehicle is running. ABS is malfunctioning.</p> <p>If an additional warning tone sounds, EBD is malfunctioning.</p> <p>Other driving systems and driving safety systems may also be malfunctioning.</p> <ul style="list-style-type: none"> <li>► Note the messages on the driver display. <div style="border: 1px solid gray; padding: 5px;"> <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> <ul style="list-style-type: none"> <li>► Drive on carefully. <li>► Have the brake system checked immediately at a qualified specialist workshop. </div>
 <p>ESP® warning lamp flashes</p>	<p>* The yellow ESP® warning lamp flashes while the vehicle is in motion. One or more wheels have reached their grip limit (→ page 215).</p> <ul style="list-style-type: none"> <li>► Adapt your driving style to suit the road and weather conditions.



Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>ESP® warning lamp lights up</p>	<p>* The yellow ESP® warning lamp is lit while the vehicle is running. ESP® is malfunctioning. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning.</p> <p>► Note the messages on the driver display.</p> <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>ESP OFF</p>	<p>* The yellow ESP® OFF warning lamps are lit while the vehicle is running. ESP® is deactivated. 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.

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<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 215).</p>
 <p>The icon shows a car with a wavy line underneath it, a horizontal line, and the word 'OFF' below that. Below the icon is a box containing the text 'ESP SPORT'.</p>	<p>* ESP® SPORT is activated while the vehicle is running. When ESP® SPORT is activated, ESP® will stabilise the vehicle only to a limited extent.</p> <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> <ul style="list-style-type: none"> ► Activate ESP® SPORT only in the circumstances described below. <p>► Observe the notes on activating ESP® SPORT(→ page 215).</p>
 <p>The icon shows a wavy line, a vertical bar with a horizontal line through it, and the word 'OFF' to the right. Below the icon is the text 'ATTENTION ASSIST warning lamp'.</p>	<p>* The ATTENTION ASSIST warning lamp is lit. ATTENTION ASSIST is malfunctioning.</p> <ul style="list-style-type: none"> ► Consult a qualified specialist workshop.


Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Traffic Sign Assist warning lamp</p>	<p>* The Traffic Sign Assist warning lamp is lit. Traffic Sign Assist is malfunctioning.</p> <ul style="list-style-type: none"> <li>► Note the messages on the driver display.
 <p>Distance warning lamp</p>	<p>* The red distance warning lamp lights up while the vehicle is in motion. The distance to the vehicle in front is too small for the speed selected. If there is an additional warning tone, you are approaching an obstacle at too high a speed.</p> <ul style="list-style-type: none"> <li>► Be prepared to brake immediately. <li>► Increase the distance. <p>Function of Active Brake Assist (→ page 240).</p>
 <p>Active Brake Assist warning lamp</p>	<p>* The Active Brake Assist warning lamp is on. Due to dirty sensors or a malfunction, the system is not available or the range of functions is restricted.</p> <ul style="list-style-type: none"> <li>► Note the messages on the driver display.

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Active Brake Assist warning lamp</p>	<ul style="list-style-type: none"> * The Active Brake Assist warning lamp is on. The system is switched off or the range of functions has been automatically restricted. This may be the case if the driver is not wearing a seat belt or another driving system has been activated. <ul style="list-style-type: none"> ► Observe the notes on Active Brake Assist (→ page 240).
 <p>Active Brake Assist warning lamp</p>	<ul style="list-style-type: none"> * The Active Brake Assist warning lamp is on. After you drive off, the system's range of functions will be restricted due to the teach-in process. Depending on the ambient conditions, the teach-in process may take a few minutes. <ul style="list-style-type: none"> ► Observe the notes on Active Brake Assist (→ page 240).
 <p>Suspension warning lamp (yellow)</p>	<ul style="list-style-type: none"> * The yellow AMG RIDE CONTROL warning lamp is lit. There is a malfunction in the AMG RIDE CONTROL. <ul style="list-style-type: none"> ► Note the messages on the driver display.
 <p>Suspension warning lamp (red)</p>	<ul style="list-style-type: none"> * The red suspension warning lamp is lit. There is a malfunction in the AMG RIDE CONTROL. Oil may be leaking from the chassis components. <ul style="list-style-type: none"> ► Drive on carefully. ► Consult a qualified specialist workshop.



522 Display messages and warning/indicator lamps

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Suspension warning lamp (yellow)</p>	<p>* The yellow AMG ACTIVE RIDE CONTROL warning lamp is lit. There is a malfunction in the AMG ACTIVE RIDE CONTROL.</p> <ul style="list-style-type: none">► Note the messages on the driver display.
 <p>Suspension warning lamp (red)</p>	<p>* The red suspension warning lamp is lit. There is a malfunction in the AMG ACTIVE RIDE CONTROL. Oil may be leaking from the chassis components.</p> <ul style="list-style-type: none">► Drive on carefully.► Consult a qualified specialist workshop.

Mercedes-Benz emergency call system

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Mercedes-Benz emergency call system warning lamp</p>	<p>*The Mercedes-Benz emergency call system is malfunctioning. The Mercedes me connect system is also malfunctioning.</p> <ul style="list-style-type: none">► Consult a qualified specialist workshop.

Tire pressure monitor

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>Tire pressure monitoring system warning lamp flashes</p>	<p>*The yellow tire pressure monitor warning lamp (pressure loss/malfunction) flashes for approximately one minute and then remains lit. The tire pressure monitoring system is malfunctioning.</p> <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>
 <p>Tire pressure monitoring system warning lamp lights up</p>	<p>*The yellow tire pressure monitoring system warning lamp (pressure loss/malfunction) is lit. The tire pressure monitoring system has detected a loss of pressure in at least one tire.</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> <p>► Observe the recommended tire pressures.</p>

524 Display messages and warning/indicator lamps

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<ul style="list-style-type: none"><li>▶ Adjust the tire pressure if necessary.<li>▶ Stop the vehicle in accordance with the traffic conditions.<li>▶ Check the tire pressure and the tires.

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























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




































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




















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




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


















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