Disclaimer
The following online version of the Owner's Manual describes all models as well as all the standard and optional equipment of your vehicle. Country-specific differences in the language variants are possible. Note that your vehicle may not be fitted with all features described. This is also the case for safety-relevant systems and functions. Please contact your authorised Mercedes-Benz dealer if you would like to have a printed Owner's Manual for other vehicle models and vehicle model years. The online version is the current valid Owner's Manual version. Possible variations to your vehicle may not be taken into account as Mercedes-Benz constantly updates their vehicles and equipment to the state of the art and introduces changes in design and equipment.
Please also read the printed Owner's Manual, any supplementary documents and the digital Owner's Manual in the vehicle.

Copyright
All Rights Reserved. All texts, images, graphics, are subject to Copyright and other laws for the protection of intellectual property. They may not be copied for commercial purposes or for transmission, nor changed and used on other websites.



Mercedes-Benz



GLA

Operator's Manual

Mercedes-Benz

Front passenger airbag warning





WARNING Risk of injury or death due to an enabled co-driver airbag

If the co-driver airbag is enabled, a child on the co-driver seat may be struck by the co-driver airbag during an accident.

- 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 chapter "Children in the vehicle".

Welcome to the world of Mercedes-Benz

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

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

- Model
- Order
- National version
- Availability

Your vehicle may therefore differ from that shown in the descriptions and illustrations in individual cases.

The illustrations in this Owner's Manual show a left-hand drive vehicle. On right-hand drive vehicles, the layout of vehicle parts and controls differs accordingly.

Mercedes-Benz is constantly developing its vehicles further.

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

- Design
- Equipment
- Technical features

The following documents are components of the vehicle:

- Digital Owner's Manual
- Printed Owner's Manual
- Service Booklet
- 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.

2475843612Z102

Symbols **5**

At a glance **6**
Cockpit 6
Cockpit (plug-in hybrid) 10
Indicator and warning lamps (widescreen cockpit) 12
Indicator and warning lamps (standard) 14
Overhead control panel 16
Door operating unit and seat adjustment 18
Emergencies and breakdowns 20

Digital Owner's Manual **22**
Calling up the Digital Owner's Manual 22

General notes **24**
Protection of the environment 24
Take-back of end-of-life vehicles 24
Mercedes-Benz GenuineParts 25
Owner's Manual 26
Mercedes me App 26
Operating safety 27
Notes on assembling the number plate on the front licence plate holder 29
Declarations of conformity and notes on driving in different countries 30
Diagnostics connection 34
Qualified specialist workshop 36
Vehicle registration 36
Correct use of the vehicle 36
Information on the REACH regulation 36
Notes for persons with electronic medical aids 37
Implied warranty 37
QR code for rescue card 38
Data storage 38
Copyright 41

Occupant safety **42**
Brief overview of most important points 42
Information on the automatic functions of the restraint system 49
Purpose and function of the restraint system 52
Seat belts 57
Airbags 58

Safely transporting children in the vehicle **59**
Brief overview of most important points 59
Important safety notes 60
Suitable child restraint systems for the transport of children 66
Suitable seats for attaching child restraint systems 69
Securing the child restraint system 72
Child safety locks 77

Opening and closing **80**
Key 80
Doors 83
Load compartment 88
Side windows 94
Sliding sunroof 97
Anti-theft protection 101

Seats and stowing **104**
Notes on the correct driver's seat position .. 104
Notes on grab handles 104
Seats 105
Steering wheel 116
Easy entry and exit feature 117

Memory function 118
Stowage areas 120
Sockets 134
Wireless charging of the mobile phone and connection with the exterior aerial 135
Fitting/removing the floor mats 138

Light and sight 139
Exterior lighting 139
Interior lighting 147
Changing bulbs (only for vehicles with halogen headlamps) 148
Windscreen wipers and windscreen washer system 150
Mirrors 154

Climate control 158
Overview of climate control systems 158
Operating the climate control system 159

Driving and parking 167
Driving 167
DYNAMIC SELECT switch 186
Automatic transmission 190
Function of 4MATIC 194
Refuelling 195
Charging the high-voltage battery (plug-in hybrid) 202
Parking 220
Driving and driving safety systems 227
Trailer hitch 280
Bicycle rack function 285
Vehicle towing instructions 287

Instrument display and on-board computer 288
Notes on the instrument display and on-board computer 288
Overview of instrument display 289
Overview of buttons on the steering wheel ... 290
Operating the on-board computer 290
Function of the power meter (plug-in hybrid) 292
Function of the electric motor power availability display (plug-in hybrid) 292
Displaying the power meter (plug-in hybrid) 292
Overview of displays in the instrument display 293
Head-up display 293

MBUX multimedia system 296
Overview and operation 296
System settings 305
Plug-in hybrid settings 309
Navigation 310
Telephone 319
Mercedes me app 322
Mercedes-Benz emergency call system 331
Radio & media 339
Sound settings 344

Maintenance and care 345
ASSYST PLUS service interval display 345
Maintenance Management 346
Telediagnostics 346
Engine compartment 347
Cleaning and care 354

Breakdown assistance **363**
Emergency 363
Flat tyre 365
Battery (vehicle) 372
Tow-starting or towing away 377
Electrical fuses 382

Wheels and tyres **386**
Notes on noise or unusual handling characteristics 386
Notes on regularly inspecting wheels and tyres 386
Notes on snow chains 386
Tyre pressure 387
Wheel change 391
Emergency spare wheel 401

Technical data **404**
Notes on technical data 404
On-board electronics 404
Regulatory radio information 406
Vehicle identification plate, VIN and engine number overview 411
Operating fluids 412
Vehicle data 421
Trailer hitch 424

Display messages and warning/indicator lamps **427**
Display messages 427
Warning and indicator lamps 494

Index **510**

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

WARNING Danger due to not observing the warning notices

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

▶ Observe the warning notices.

ENVIRONMENTAL NOTE Environmental damage due to failure to observe environmental notes

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

▶ Observe environmental notes.

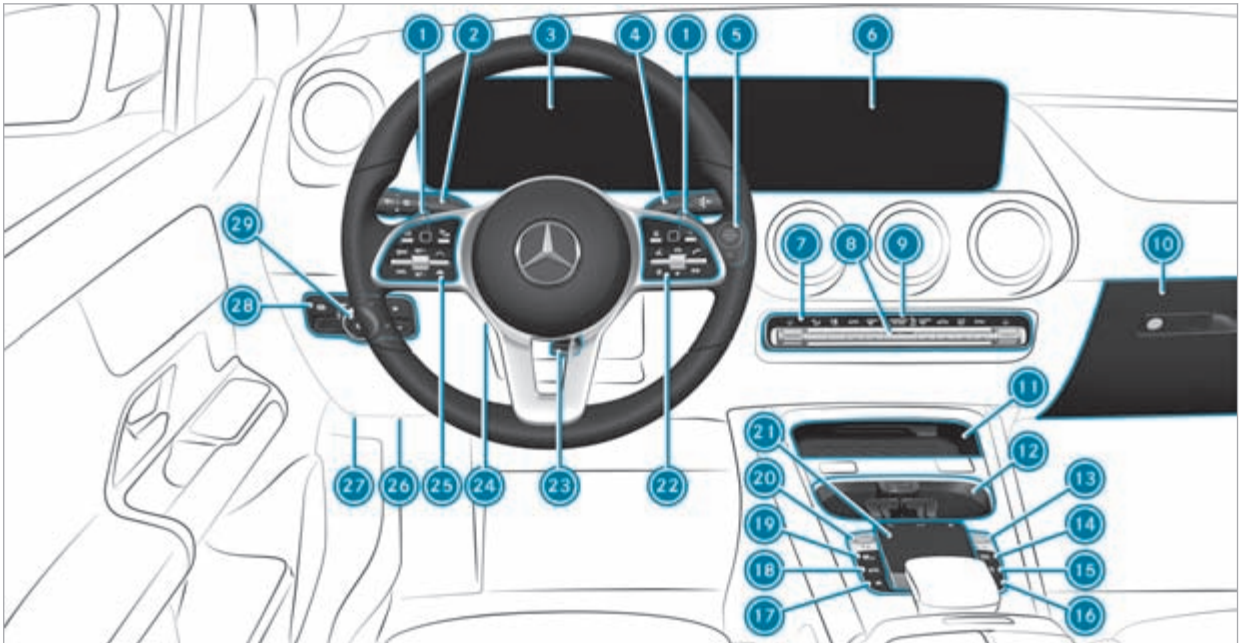
NOTE Damage to property due to failure to observe notes on material damage

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.

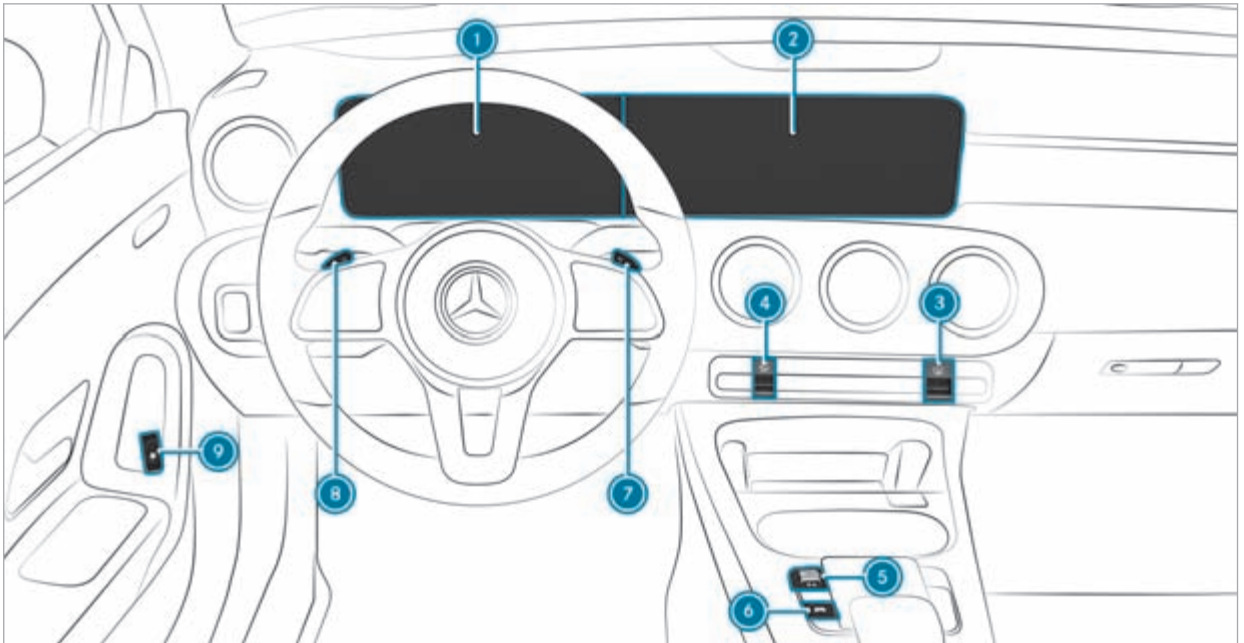
▶	Instruction
(⟶ page)	Further information on a topic
Display	Display field in the Instrument Display/media display
⤳	Highest menu level, which is to be selected in the multimedia system
▶▶	Relevant submenus, which are to be selected in the multimedia system
*	Indicates a cause



Left-hand-drive vehicles

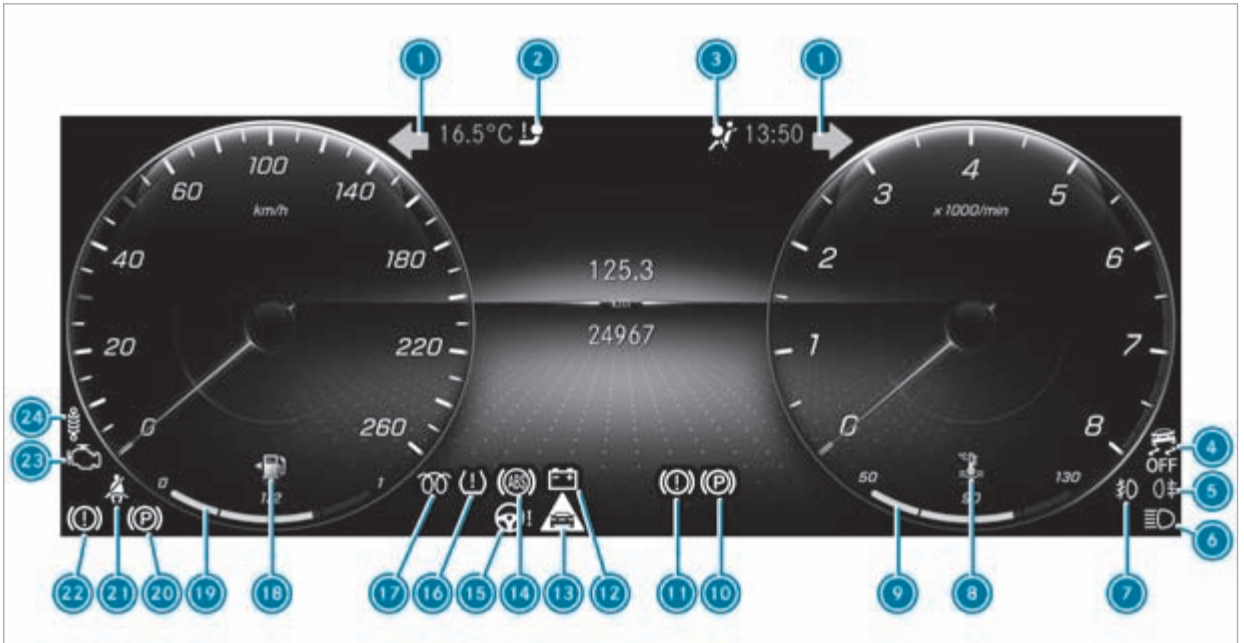
1	Steering wheel gearshift paddles	→	192
2	Combination switch	→	141
3	Instrument display	→	289
4	DIRECT SELECT lever	→	190
5	ENGINE START / STOP Start/stop button	→	171
	ECO start/stop function	→	181
6	Media display	→	296
7	Climate control systems	→	159
8	Hazard warning light system	→	142
9	PASSENGER AIR BAG indicator lamps	→	47
10	Glove compartment	→	123
11	Stowage compartment	→	123
12	Cup holder		
13	Controller for volume and switching sound on/off	→	296
	Switches the MBUX multimedia system on/off	→	296
14	NAVI MAP Calls up navigation	→	298
15	RADIO MEDIA Calls up radio or media	→	298
16	TEL Calls up the telephone	→	298
17	Calls up favourites	→	298
18	Calls up vehicle functions	→	298
19	Active Parking Assist	→	276
20	DYNAMIC SELECT switch	→	188
21	Touchpad	→	298
22	Control panel for the MBUX multimedia system	→	290
23	Adjusts the steering wheel	→	116
24	Switches the steering wheel heater on/off	→	117
25	Control panel:		
	On-board computer	→	290
	Cruise control or variable limiter	→	238
	LIM Active Distance Assist DISTRONIC	→	243
26	Diagnostics connection	→	34

27	Opens the bonnet	→	348
28	Ⓟ Electric parking brake	→	224
29	Light switch	→	139



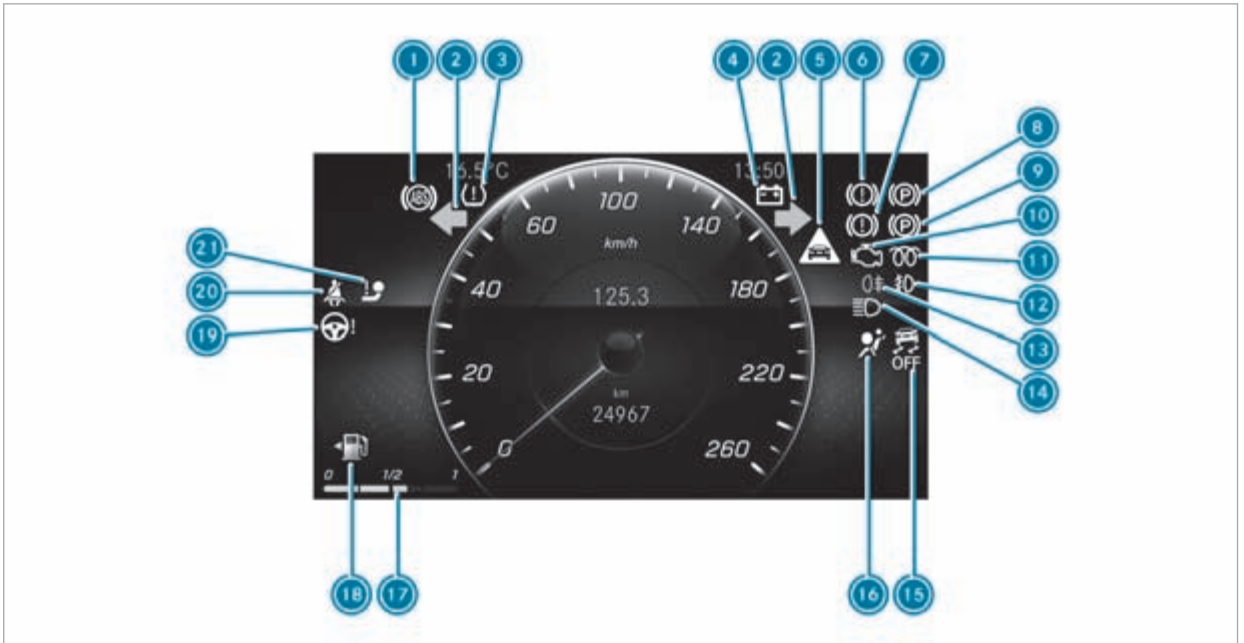
Left-hand-drive vehicles

1	Instrument display:		
	READY Operational readiness	→	288
	Power availability display	→	292
	Power meter	→	292
	Trip computer	→	288
	ECO Assist	→	183
2	Media display:		
	Plug-in hybrid settings	→	309
	Energy flow display	→	310
3	Switches immediate pre-entry climate control on/off	→	163
4	MENU Sets pre-entry climate control for departure time	→	163
5	DYNAMIC SELECT switch	→	186
6	Calls up the EQ menu	→	309
7	+ Reduces recuperation	→	183
8	– Increases recuperation	→	183
9	Depressurises the fuel tank	→	195



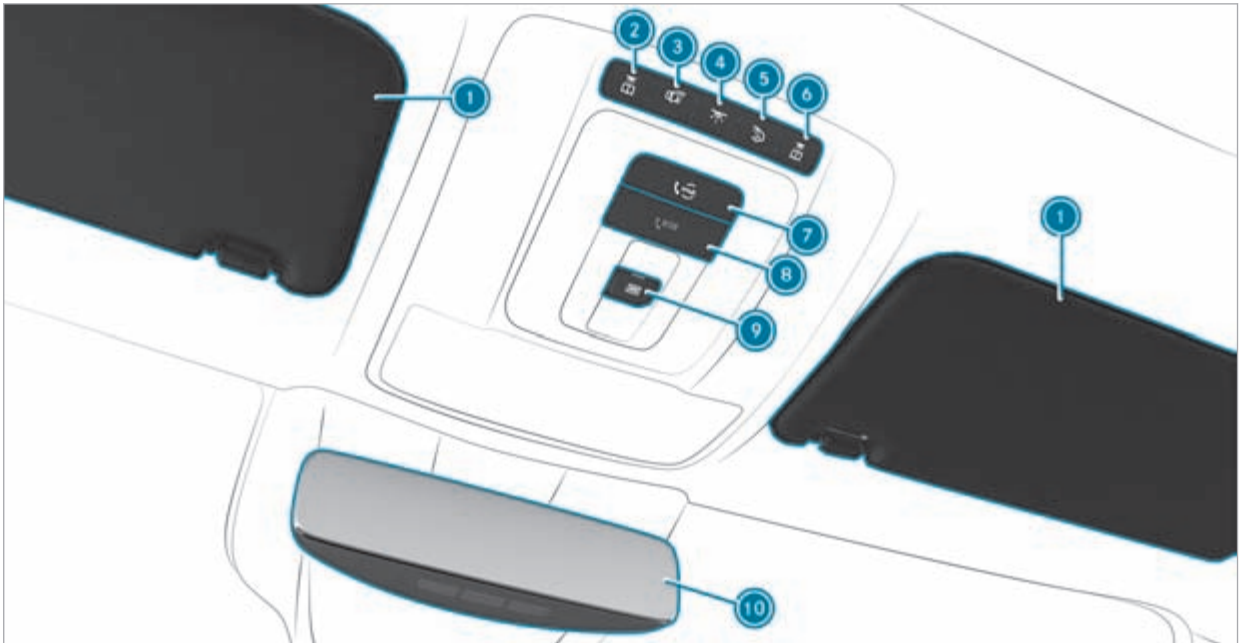
Widescreen cockpit instrument display

1	Turn signal lights	→	141
2	Trailer hitch	→	498
3	Restraint system	→	496
4	ESP® OFF	→	505
	ESP®	→	505
5	Rear fog light	→	140
6	High beam	→	141
	Low beam	→	139
	Standing lights	→	139
7	Front fog lamps	→	139
8	Coolant temperature		
9	Coolant temperature display	→	289
	Plug-in hybrid: current state of charge of the high-voltage battery	→	292
10	Electric parking brake (yellow)	→	503
11	Brakes (yellow)	→	503
12	Electrical fault	→	500
13	Distance warning	→	505
14	ABS	→	505
15	Power steering	→	498
16	Tyre pressure monitoring system	→	508
17	Diesel engine: preglow		
18	Reserve fuel with fuel filler flap location indicator	→	500
19	Fuel level	→	289
20	Electric parking brake (red)	→	503
21	Seat belt		
22	Brakes (red)	→	503
23	Engine diagnostics	→	500
24	Indicator lamp inoperative		

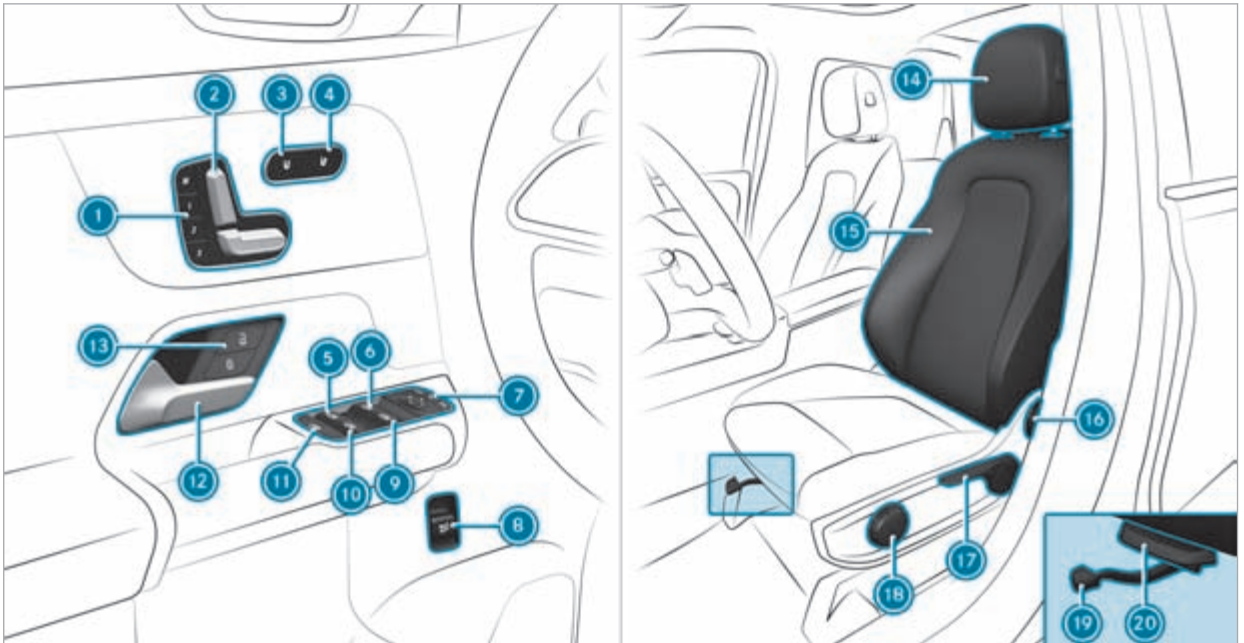


Standard instrument display

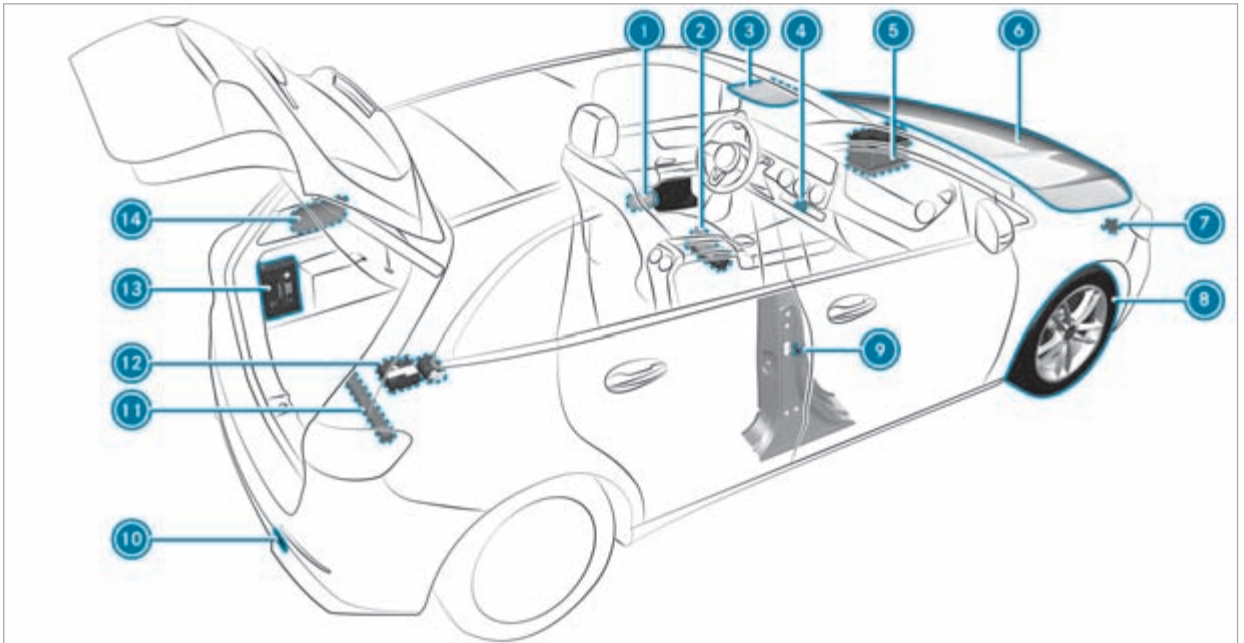
1	ABS	→	505
2	Turn signal lights	→	141
3	Tyre pressure monitoring system	→	508
4	Electrical fault	→	500
5	Distance warning	→	505
6	Brakes (yellow)	→	503
7	Brakes (red)	→	503
8	Electric parking brake (yellow)	→	503
9	Electric parking brake (red)	→	503
10	Engine diagnostics	→	500
11	Diesel engine: preglow		
12	Front fog lamps	→	139
13	Rear fog light	→	140
14	High beam	→	141
	Low beam	→	139
	Standing lights	→	139
15	ESP® OFF	→	505
	ESP®	→	505
16	Restraint system	→	496
17	Fuel level	→	289
18	Reserve fuel with fuel filler flap location indicator	→	500
19	Power steering	→	498
20	Seat belt	→	496
21	Trailer hitch	→	498


1
2
3
4
5
6
7
8
9
1
10

1	Sun visors		
2	Switches the left-hand reading lamp on/off	→	147
3	Switches automatic interior lighting control on/off	→	147
4	Switches the front interior lighting on/off	→	147
5	Switches the rear interior lighting on/off	→	147
6	Switches the right-hand reading lamp on/off	→	147
7	me button	→	322
8	SOS button	→	322
9	Opens/closes the panorama sliding sunroof	→	97
	Opens/closes the roller sunblind	→	97
10	Inside rear-view mirror	→	155


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

1	M Operating the memory function	→	119
2	Adjusts the seats electrically	→	109
3	Switching the seat heating on/off	→	115
4	Only Mercedes AMG vehicles: Switching the seat ventilation on/off	→	115
5	Opens/closes the rear left side window	→	94
6	Opens/closes the left side window	→	94
7	Operating the outside mirrors	→	154
8	Opens/closes the tailgate	→	88
9	Opens/closes the right side window	→	94
10	Opens/closes the rear right side window	→	94
11	Child safety lock for the rear side windows	→	78
12	Opens the door	→	84
13	Locks/unlocks the vehicle	→	84
14	Adjusting the head restraints	→	112
15	Configuring the seat settings	→	114
16	Adjusting the seat backrest inclination	→	107
17	Adjusting the seat height	→	107
18	Adjusts the seat cushion inclination	→	107
19	Adjusts the seat fore-and-aft position	→	107
20	Adjusts the seat cushion length	→	107


1
2
3
4
5
6
7
8
9
10
11
12
13
14

1	Safety vests	→	363
2	Fire extinguisher	→	364
3	me button	→	322
	SOS button	→	322
4	Hazard warning light system	→	142
5	Starting assistance	→	375
6	To check and top up operating fluids	→	412
7	Tow-starting or towing away	→	378
8	Flat tyre	→	365
9	B-pillar with:		
	QR code for accessing the rescue card	→	38
10	Tow-starting or towing away	→	378
11	Warning triangle	→	363
12	TIREFIT kit	→	367
13	First-aid kit (soft sided)	→	364
14	Fuel filler flap with:		
	information label on fuel type	→	195
	information label on tyre pressure	→	388
	QR code for accessing the rescue card	→	38

Calling up the Digital Owner's Manual

Multimedia system:

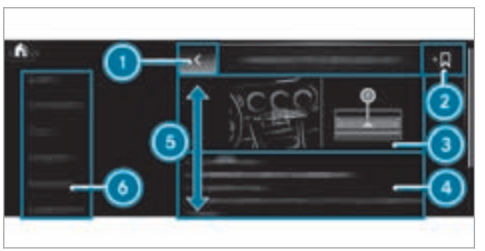
Home ▸▸ Info ▸▸ Owner's Manual ▸▸ ⓘ



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

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

- Search: search for keywords in order to find quick answers to questions about the operation of the vehicle.
- Quick start: here is where you find the first steps towards setting up your vehicle.
- 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 in the Instrument Display.
- Bookmarks: gain access to your personally saved bookmarks.
- Language: select the language for the Digital Owner's Manual.



1. Back
2. Adds bookmarks
3. Picture
4. Contents section
5. Directions of movement of contents section
6. Menu

Some sections in the Digital Owner's Manual, suchas warning notes, can be expanded and collapsed.

Additional methods of calling up the Digital Owner's Manual:

Direct access: open the required content in the Digital Owner's Manual by pressing and holding an entry on the tab bar in the multimedia system:



Instrument Display: call up brief information as display messages in the instrument cluster

LINGUATRONIC: call up via the voice control system

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

Protection of the environment

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

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

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

Operating conditions:

- Make sure that the tyre 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 ⅔ 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.

Plug-in hybrid

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 faulty high-voltage batteries at a qualified specialist workshop.

Take-back of end-of-life vehicles

EU countries only:
Mercedes-Benz will take back your end-of-life vehicle for environment-friendly disposal in accordance with the European Union (EU) End-Of-Life Vehicles Directive.

A network of vehicle take-back points and dismantlers has been established for you to return your vehicle. You can leave it at any of these points free of charge. This makes an important contribution to closing the recycling circle and conserving resources.

For further information about the recycling and disposal of end-of-life vehicles, and the take-back conditions, please visit the national Mercedes-Benz website for your country.

Mercedes-Benz GenuineParts

ENVIRONMENTAL NOTE Environmental damage caused by 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 implied warranty is valid as for new parts.

- Recycled reconditioned components and parts from Mercedes-Benz AG.

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

Airbags and seat belt tensioners, 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
- Instrument display
- Centre 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 jeopardise the operating safety of your vehicle if you use parts, tyres 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 tyres, wheels and accessory parts that have been specifically approved for your vehicle model.

Mercedes-Benz tests original parts and conversion parts and accessory parts that have been specifically approved for your vehicle model for their reliability, safety and suitability. Despite ongoing market research, Mercedes-Benz is unable to assess other parts. Mercedes-Benz therefore accepts no responsibility for the use of such parts in Mercedes-Benz vehicles, even if they have been officially approved or independently approved by a testing centre.

Certain parts are officially approved for installation or modification only if they comply with legal requirements. All Mercedes-Benz GenuineParts meet the approval requirements. The use of non-approved parts may invalidate the vehicle's general operating permit.

This is the case in the following situations:

- The vehicle type is different from that for which the vehicle's general operating permit was granted.
- Other road users could be endangered.
- The exhaust gas or noise level gets worse.

Always specify the vehicle identification number (VIN) (→ page 411) when ordering Mercedes-Benz GenuineParts.

Owner's Manual

This Owner's Manual and the Digital Owner'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 Owner's Manual going to press.
- The models and the standard and special equipment only available in certain countries.
- The models and the standard and special equipment, which will only be available at a later date.

Note that your vehicle may not be fitted with all features described. This is also the case for systems relevant to safety. Therefore, the equipment on your vehicle may differ from that in the descriptions and illustrations.

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

Should you have any questions concerning equipment and operation, please consult a Mercedes-Benz Service Centre.

ⓘ Please note that all speed specifications in these operating instructions are approximate and the values are subject to a certain tolerance.

The Owner's Manual, Supplement, further supplementary documents and Service Booklet are important documents and should be kept in the vehicle.

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 Mercedes-Benz Service Centre.

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.

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 workshop.

WARNING Risk of accident or injury due to improper modifications to electronic components

Modifications to electronic components, their software or wiring can impair their functionality and/or the functionality of other networked components or safety-relevant systems.

This can endanger the vehicle's operating safety.

- You must not tamper with wiring, electronic components, or their software.
- Always have work on electrical and electronic devices carried out at a qualified specialist workshop.

If you modify the on-board electronics, the general operating permit is rendered invalid.

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

WARNING Risk of fire due to flammable material coming into contact with hot parts of the exhaust system

If combustible materials, e.g. leaves, grass or twigs, come into contact with hot parts of the exhaust system, they may ignite.

- When driving off-road or on unpaved surfaces, check the underside of the vehicle at regular intervals.
- In particular, remove any trapped parts of plants or other flammable material.
- If damage should occur, immediately inform a qualified specialist workshop.

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 kerb or an unpaved road
- the vehicle is driven too fast over an obstacle, e.g. a kerb, 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 tyres 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 panelling is damaged, flammable materials such as leaves, grass or twigs can collect between the underbody and the underbody panelling. 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.

Plug-in hybrid

Hybrid vehicles have an internal-combustion engine and at least one electric motor. The energy supply for operating the vehicle electrically 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

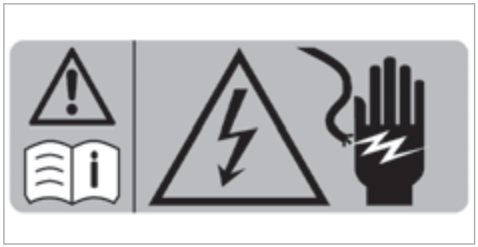
The vehicle's high-voltage on-board electrical system is under high voltage. If you modify component parts in the vehicle's high-voltage on-board electrical system or touch damaged component parts, you may be electrocuted. In addition, modified and/or damaged components may cause a fire.

In the event of an accident or impact to the vehicle 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 vehicle's high-voltage on-board electrical system are marked with yellow warning stickers. The cables of the high-voltage on-board electrical system are orange.



High-voltage components that can become very hot are marked with an additional warning sticker:



Example

vehicles with hybrid systems generate significantly less noise than vehicles with internal-combustion engines.

When you are driving in electric mode, the vehicle may not be heard by other road users due to the significantly lower noise generated.

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

The outside sound produced by the sound generator (AVAS) can be heard in the passenger compartment at low speeds and does not represent a malfunction.

Notes on assembling the number plate on the front licence plate holder

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

If the licence plate is incorrectly assembled on the front licence plate holder, sensors, cam-

eras or driving and safety systems may malfunction or fail.

Observe the following points when assembling the licence plate on the front licence plate holder:

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

Declarations of conformity and notes on driving in different countries

Electromagnetic compatibility

The electromagnetic compatibility of the vehicle components has been checked and certified according to the currently valid version of Regulation UN-R 10.

National information for components subject to radio regulations

Only for EU and EFTA countries and countries that recognise the EU manufacturer's declaration of conformity:

CE

The following information applies to all wireless components of the vehicle and of the information systems and communication devices integrated in the vehicle:

The manufacturers of the wireless components ensure that all wireless components installed in the vehicle comply with Directive 2014/53/EU. The full texts of the EU declarations of conformity are available at the following web address:

https://moba.i.mercedes-benz.com/markets/ece-row/baix/cars/certificates-of-conformity/en_GB/index.html

You can obtain further information from a Mercedes-Benz service centre.

For Israel only:
It is prohibited to make any change to a vehicle-installed radio component that could affect the wireless specifications of the device, including software changes, replacement of the original antenna, or adding the option to connect the device to an external antenna, without first obtain-

ing approval from the Communica-tions Ministry, because of concern about wireless interference.

For the United Kingdom only:

The following information applies to all wireless components of the vehicle and of the information systems and communication devices integrated in the vehicle:

The manufacturers of the radio components declare that all radio equipment installed in the vehicle is in compliance with the relevant statutory requirements. The full texts of the declarations of conformity are available at the following web address:

https://moba.i.mercedes-benz.com/markets/ece-row/baix/cars/certificates-of-conformity/en_GB/index.html

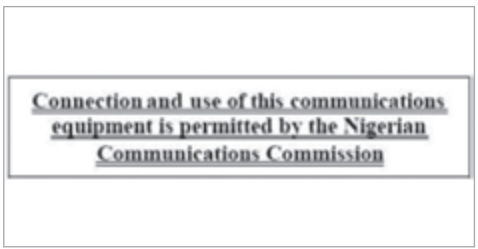
For Brazil only:

Note on two-way radio systems in the vehicle:

These systems are not protected against harmful interference and must not cause interference in properly approved systems.

For Jamaica only:
All wireless vehicle components have received type approval from the SMA.

For Nigeria only:



Connection and use of the radio communications equipment in this vehicle is permitted by the Nigerian Communications Commission

For Russia only:

The manufacturers of the wireless components installed in the vehicle hereby declare that all wireless components installed in the vehicle comply with the technical regulations for two-way radios. You can obtain further information from a Mercedes-Benz service centre.

For Ukraine only:

The manufacturers of the wireless components installed in the vehicle hereby declare that the wireless components installed in the vehicle comply with the technical regulations for two-way radios. You can obtain further information from a Mercedes-Benz service centre.

Importer information for wireless components

For Moldova only:
Importer

S.C. GRAND PREMIUM S.R.L. Moldova

mun. Chisinau, str. Hîncesti sos., 2/2

For Turkey only:
Importer

Mercedes Benz Otomotiv Ticaret ve Hizmetler A.Ş. Genel Merkez

Akçaburgaz Mah. Süleyman Şah Cad. No: 6/1

34522 Esenyurt/İstanbul

For Ukraine only:
Importer

PJSC “AUTOCAPITAL”

Velyka Vasylkivska str. 15/2

01004 Kyiv

Ukraine

For the United Kingdom only:
Importer

Mercedes-Benz Cars UK Limited

Delaware Drive, Tongwell

Milton Keynes, MK15 8BA

England

Importer of Mercedes-Benz spare parts

Mercedes-Benz Parts Logistics

Delaware Drive, Tongwell

Milton Keynes, MK15 8BA

England

Jack

Copy and translation of the original declaration of conformity:

EC declaration of conformity

1.

The undersigned, representing

Manufacturer:

BRANO a.s.

747 41 Hradec nad Moravicí, Opavská 1000,

The Czech Republic

ID No.: 64-387-5933

VAT No.: CZ64-387-5933

herewith declares under our sole responsibility that the product:

2. a)

Name:

Jack

Type, Number:

A) A 164 580 02 18, A 166 580 01 18

B) A 240 580 00 18

C) A 639 580 02 18

D) A 639 580 03 18

E) A 910 580 00 00

F) A 247 580 00 00, A 293 580 00 00

G) A 247 580 01 00, A 293 580 01 00

H) A 247 580 02 00, A 293 580 02 00

Year of manufacture: 2022

Complies with all relevant provisions

Directive No. 2006/42/EC

b)

Description and purpose of use:

Car jack is intended solely for lifting of the concrete car, in accordance with the instruction label on the car jack.

3.

References of harmonized and other standards or specifications

ISO 4063, EN ISO 14341-A, AS 2693, DBL 8230.10, DBL 7382.20, DBL 7392.10, DBL 8451.15, MBN 10435,

Technical documentation of the product is stored at the premise of the manufacturer. The person responsible for assembling the technical documentation of the product: Head of the Technical Department Brano a.s.

4.

Hradec nad Moravicí

Place

5.

14.03.2022

Date

Dipl. Engineer Michal Koberský

[Signature]

Director SBU-CJ

TIREFIT kit

Copy and translation of the original declaration of conformity:

EU Declaration of Conformity CE

We,

Aircom Automotive Sp. z o.o. Sp.k.

ul. Fabryczna 20B

55-080 Pietrzykowice

Poland (1)

Hereby declare that the product

Electric air pump (2)

Models: (3)

5N0.012.615.F	7P0.012.617.A	4L0.012.615.A
5N0.012.615.G	4L0.012.615	32271819
9P1.012.615.B	760.012.615	8888002695
1EA.012.615.A	760.012.615.A	FGA_AC03_0001
1EA.012.615	A0005838505	4G0.012.615.C
992.012.615	6898012	4G0.012.615.B
8P0.012.615.E	32340090	FGA_AC02_0001
8P0.012.615.F	FGA_AC01_0001	FGA_AC02_0002
7P0.012.617.B		
9849949580		

complies with all essential requirements of the directives listed opposite (4)

2006/42/EC (EC Machinery Directive)

2014/30/EU (EC EMC Directive)

2000/14/EG & 2005/88/EG (EC noise emissions)

2011/65/EU & 2015/863/EU (RoHS)

Authorised person for the compilation of technical documentation according to Annex VII A of Directive 2006/42/EC

Aircom Automotive Sp. z o.o. Sp.k.

Dominik Gschwender (5)

ul. Fabryczna 20B

55-080 Pietrzykowice

Poland

Applied harmonised standards (6)

DIN EN 60204-1: 2019-06

DIN EN 60335-1: 2020-08

DIN EN 1012-1: 2011-02

DIN EN 55012: 2010-04

DIN EN 50498: 2011-04

EN 50498:2010

DIN EN ISO 12100:2011-03

DIN EN ISO 3744:2011-02

DIN EN ISO 2151:2009-01

DIN EN ISO 4871:2009-11

DIN EN ISO 13732-1:2008-12

Other technical standards and specifications applied

None (7)

Pietrzykowice, 06.07.2021

[Signature, D. Gschwender]

Dominik Gschwender, general management

Note: this declaration loses its validity if technical or operational changes are made without the consent of the manufacturer.

Diagnostics connection

The diagnostics connection is a technical interface in the vehicle. It is used, for example, during 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 only use and connect products approved by a Mercedes-Benz service centre.

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 jeopardises the operating and road safety of the vehicle.

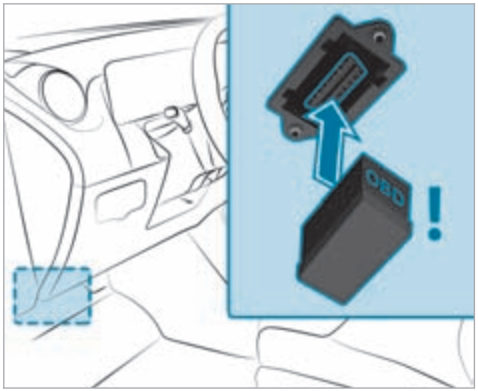
- Stow all objects in the vehicle securely so that they cannot get into the driver's footwell.
- Always fit the floor mats securely and as prescribed in order to ensure that there is always sufficient room for the pedals.
- Do not use loose floor mats and do not place floor mats on top of one another.

NOTE Battery discharging from using devices connected to the diagnostics connection

Using devices at the diagnostics connection drains the battery.

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

Please also note the information about the 12 V battery and short-distance trips in the "Driving and Parking" chapter (→ page 174).



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 qualified specialist workshop has the necessary special skills, tools and qualifications to correctly carry out any necessary work on your vehicle. This particularly applies to safety-relevant work.

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

- Safety-relevant work
- Service and maintenance work
- Repair work
- Modifications as well as installations and conversions
- Work on electronic components
- **Plug-in hybrid:** work on the hybrid system

Mercedes-Benz recommends a Mercedes-Benz service centre.

Vehicle registration

Mercedes-Benz may ask its service centres to carry out technical inspections on certain vehicles. The quality or safety of the vehicle is improved as a result of the inspection.

Mercedes-Benz can only inform you about vehicle checks if Mercedes-Benz has your registration data.

It is possible that your vehicle has not yet been registered in your name in the following cases:

- if your vehicle was not purchased at an authorised specialist dealer.
- if your vehicle has not yet been examined at a Mercedes-Benz service centre.

It is advisable to register your vehicle with a Mercedes-Benz service centre.

Inform Mercedes-Benz as soon as possible about any change in address or vehicle ownership. You can do this at a Mercedes-Benz service centre, for example.

Correct use of the vehicle

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

Observe the following information in particular when driving your vehicle:

- the safety notes in this Owner's Manual, vehicle-specific supplements and further supplementary documents
- technical data for the vehicle
- traffic rules and -regulations
- laws and safety standards pertaining to motor vehicles

Information on the REACH regulation

EU and EFTA countries only:

the REACH regulation (Regulation (EC) No. 1907/2006, Article 33) stipulates a duty to sup-

ply information about substances of very high concern (SVHCs).

Mercedes-Benz AG acts to the best of its knowledge to prevent these SVHCs from being used and to enable customers to safely handle these substances. There are SVHCs known to Mercedes-Benz AG, according to supplier information and internal product information, found in individual components of this vehicle in quantities of over 0.1 percent by weight.

Further information can be obtained at the following addresses:

- https://reach.daimler.com/de/home/
- https://reach.daimler.com/en/home/

Notes for persons with electronic medical aids

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

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

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

- 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 only few electrical vehicle systems and/or maintaining a distance from the components.

Plug-in hybrid

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.

Only 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 aerials
- multimedia system and sound system

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

Implied warranty

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

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

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

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

QR code for rescue card

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

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

Data storage

Data processing in the vehicle

Electronic control units

Electronic control units are fitted in your vehicle. Control units process data which, forexample, they receive from vehicle sensors, generate themselves or exchange between themselves. Some control units are required for the safe operation of your vehicle, some assist you when driving, suchas 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 regarding exactly which data in your vehicle are collected, saved and transmitted to third parties, and for what purpose, can be found in the information directly related to the functional characteristics in question in their respective operating instructions. This information is also available online and, depending on the vehicle equipment, digitally.

Personal data

Every vehicle is identified by a unique vehicle identification number. Depending on the country, this vehicle identification number can be used by, forexample, governmental authorities to determine the identity of the owner. There are other possibilities to use data collected from the vehicle to identify the owner or driver, suchas the licence plate number.

Therefore, data generated or processed by control units may be attributable to a person or, under certain conditions, become attributable to a person. Depending on which vehicle data are available, it may be possible to make inferences about, forexample, your driving behaviour, your location, your route or your use patterns.

Legal requirements regarding the disclosure of data

If legally required to do so, manufacturers are, in individual cases, legally obliged to provide governmental entities, upon request and to the extent required, data stored by the manufacturer. Forexample, this may be the case during the investigation of a criminal offence.

Governmental entities are themselves, in individual cases and within the applicable legal framework, authorised to read out data from the vehicle. In the case of an accident, information that can help with an investigation can, therefore, be taken from the airbag control unit, forexample.

Operational data in the vehicle

This is data regarding the operation of the vehicle, which have been processed by control units.

This includes the following data, forexample:

- vehicle status information suchas the speed, longitudinal acceleration, lateral acceleration, number of wheel revolutions or the fastened seat belts display
- ambient conditions, suchas temperature, rain sensor or distance sensor

Generally, the use of these data is temporary; they will not be stored beyond the period of operation and will only be processed within the vehicle itself. Control units often contain data memories for vehicle keys, forexample. Their use permits the temporary or permanent documentation of technical information about the vehicle's operating state, component loads, maintenance requirements and technical events or faults.

Depending on the vehicle equipment, the following data are stored:

- operating status of system components, suchas fill levels, tyre pressure or battery status
- malfunctions or faults in important system components, suchas lights or brakes
- system reactions in special driving situations, suchas airbag deployment or the intervention of stability control systems
- information on events leading to vehicle damage

In certain cases, it may be required to store data that would have otherwise been used only temporarily. This may be the case if the vehicle has detected a malfunction, forexample.

If you use services, suchas repair services and maintenance work, stored operational data as well as the vehicle identification number can be read out and used. They can be read out by service network employees, suchas workshops and manufacturers or third parties, suchas breakdown services. The same is true in the case of warranty claims and quality assurance measures.

In general, the readout is performed via the legally prescribed port for the diagnostics connection in the vehicle. The operational data that are read out document technical states of the vehicle or of individual components and assist in the diagnosis of malfunctions, compliance with warranty obligations and quality improvement. To that end, these data, in particular information about component loads, technical events, malfunctions and other faults may be transmitted along with the vehicle identification number to the manufacturer. Furthermore, the manufacturer is subject to product liability. For this reason the manufacturer also uses operational data from the vehicle, forexample, for recalls. These data can also be used to examine the customer's warranty and guarantee claims.

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

Convenience and infotainment functions
You can store convenience settings and individual settings in the vehicle and change or reset them at any time.

Depending on the vehicle equipment, this includes the following settings, forexample:

- seat and steering wheel positions
- suspension and climate control settings
- individual settings, suchas interior lighting

Depending on the selected equipment, you can import data into vehicle infotainment functions yourself.

Depending on the vehicle equipment, this includes the following data, forexample:

- multimedia data, suchas music, films or photos for playback in an integrated multimedia system
- address book data for use in connection with an integrated hands-free system or an integrated navigation system
- entered navigation destinations
- data about the use of Internet services

These data for convenience and infotainment functions may be saved locally in the vehicle or they may be located on a device which you have connected to the vehicle, suchas a smartphone, USB flash drive or MP3 player. If you have entered these data yourself, you can delete them at any time.

This data is transmitted from the vehicle to third parties only at your request. This applies, in particular, when you use online services in accordance with the settings that you have selected.

Smartphone integration (e.g. Android Auto or Apple CarPlay®)
If your vehicle is accordingly equipped, you can connect your smartphone or another mobile end device to the vehicle. You can then control them by means of the control elements integrated in the vehicle. Images and audio from the smartphone can be output via the multimedia system. Certain information is simultaneously transferred to your smartphone. Depending on the type and integration, thisincludes position data, day/night mode and other general vehicle statuses. For more information please consult the Owner's Manual of the vehicle/infotainment system.

This integration allows the use of selected smartphone apps, suchas navigation or music player apps. There is no further interaction between the smartphone and the vehicle; in particular, vehicle data is not directly accessible. The type of additional data processing is determined by the provider of the app being used. Which settings you can make, if any, depends on the specific app and the operating system of your smartphone.

Online services

Wireless network connection
If your vehicle has a wireless network connection, it enables data to be exchanged between your vehicle and additional systems. The wireless network connection is made possible by the vehicle's own transmitter and receiver or by a mobile end device that you have brought into the vehicle, forexample, 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, forexample, in the Owner'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 are exchanged via a secure connection, suchas the manufacturer's designated IT systems. Any personal data which are 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, forexample, 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, suchas 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, forexample, 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.

Copyright

Information on licences 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

Brief overview of most important points

Basic information

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 46).
- 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 airbag (⟶ page 47).

For clear understanding

The chapter "Occupant safety" includes information on equipment, functions and behaviours 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 behaviour 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 Owner'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 59)
- Driving and driving safety systems (⟶ page 227)
- Stowage areas (⟶ page 120)

Defining generic terms clearly

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

- **Occupant safety:** comprises the components and system functions which help to minimise, 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 airbags, 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 59).

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.

Bear in mind that negligence when adjusting your sitting position and fastening 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 airbag.

A correct seat position in which the seat is nearly perfectly upright and a correctly fastened seat belt reduce the risks posed by the airbag when it is deployed.

Keep space considerations in mind when choosing a seat. With the seat in the correct, nearly upright position, your head should not touch the roof.

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

If you deviate from the correct seat position, the airbag 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 centre of your shoulder.
- Keep your distance from the airbags, especially the front airbags. 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 an 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 airbag.
- If you are the driver, observe the following information on the correct position of the driver's seat (⟶ page 104).

  Only hold the steering wheel by the steering wheel rim. This allows the driver's airbag to fully deploy.
- Assume a nearly upright sitting posture, with your buttocks positioned as far back as possible in the gap between the seat cushion and the seat backrest.

  Your back must lie as flatly and as firmly as possible against the seat backrest.

- 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 airbags.
- Sit with their feet resting on the floor, if possible. Your thighs are slightly supported by the seat cushion

  Do not put your feet on the cockpit, for example. Your feet may otherwise be in the deployment area of the airbag.
- 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 only provide the best level of protection if it is worn correctly.

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

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

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

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

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

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

▶ Always secure persons under 1.50 m tall in a suitable restraint system.

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 centre 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.

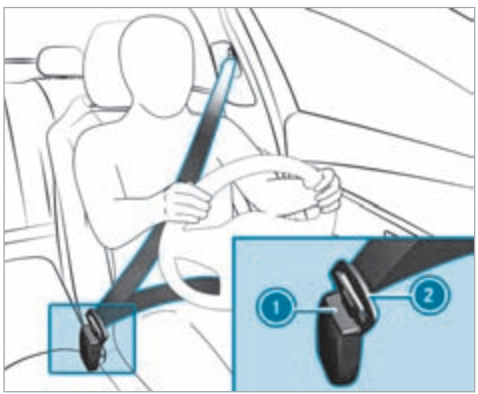
  In addition, push the lap belt down as far as possible across your hips and pull tight with the shoulder belt strap. Never route the lap belt across your abdomen.

  Pregnant women must also take particular care with this.
- After being tightened, the shoulder belt strap and lap belt must fit snugly against the body.
- 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 seat belt tensioner.

▶ Only buckle the seat belts as intended.

Function of the restraint system warning lamp

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

A malfunction has occurred in the restraint system if:

- the restraint system warning lamp does not light up 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 lights 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 intended in an accident.

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

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

DANGER Risk of fatal injury due to malfunctioning 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 receive an electric shock if you touch the damaged components 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 in the Instrument Display is a reminder that all vehicle occupants must wear their seat belts correctly.

In addition, a warning tone may sound.

As soon as the driver and front passenger fasten their seat belts, the seat belt warning goes out.

Function of the rear seat belt status display

The rear seat belt status display is only available for certain countries.



When 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 immediately dismiss the rear seat belt status display using the back button on the left-hand side of the steering wheel (→ page 290).

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

In addition, a warning tone may sound. In this case, the rear seat belt status display cannot be hidden using the back button on the left-hand side of the steering wheel.

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



Vehicles without automatic front passenger airbag shutoff have a special sticker affixed to the side of the cockpit on the front passenger side (→ page 66).

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

If the front passenger seat is occupied or a child restraint system is fitted on the front passenger seat, you must make sure both before, and also during the journey, that the status of the front passenger airbag is correct for the 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 airbag 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 light up simultaneously for several seconds.

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

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

  The front passenger airbag 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 fitted on the front passenger seat, PASSENGER AIR BAG OFF must be lit continuously.
- **Front passenger airbag 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 airbag may be deployed during an accident. If the front passenger airbag is in this status, no rearward-facing child restraint system may be fitted on the front passenger seat.

ⓘ If you are driving with a child in the vehicle, observe the information in the chapter "Children in the vehicle" (→ page 59)

⚠ 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 of the automatic front passenger airbag shutoff

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

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

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

Be sure to also observe the following further related subjects:

- Child restraint system on the front passenger seat (→ page 63)
- Suitable positioning of the child restraint system (→ page 69)

Disabling or enabling the front passenger airbag

The automatic front passenger airbag shutoff can disable or enable the front passenger airbag 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 airbag.

Also observe the following information:

- The status of the front passenger airbag, see "Function of the PASSENGER AIR BAG indicator lamps" (→ page 47)
- Notes on using the automatic front passenger airbag shutoff, see "Information on the automatic front passenger airbag shutoff" (→ page 49)
- If you are driving with a child in the vehicle, observe the chapter "Children in the vehicle" (→ page 59)

Information on the child restraint system

When fitting a child restraint system, observe the notes in "Children in the vehicle" (→ page 59).

Notes on the child restraint system on the front passenger seat

⚠ WARNING Risk of injury or death due to an enabled co-driver airbag

If the co-driver airbag is enabled, a child on the co-driver seat may be struck by the co-driver airbag during an accident.

- 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.

Also pay particular attention to the notes on rearward-facing or forward-facing child restraint systems on the front passenger seat (→ page 63).

Information on the automatic functions of the restraint system

Function of the automatic front passenger airbag shutoff

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

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

The automatic front passenger airbag shutoff can disable or enable the front passenger airbag according to the situation.

Make sure you observe the following information:

- Status of the front passenger airbag, see "Function of the PASSENGER AIR BAG indicator lamps" (→ page 47).
- When fitting a child restraint system to the front passenger seat, observe the vehicle-specific information (→ page 63).

Status of the front passenger airbag in relation to the stature of the person:

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

  The front passenger airbag 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 airbag 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 airbag 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 airbag may be disabled by mistake, for example, 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.

▶ Stow objects in a suitable place.

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

Depending on the detected accident situation, the window airbag on the front passenger side may deploy. The airbag is 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 sliding sunroof:** closing the sliding sunroof.
- **Vehicles with memory function:** moving the front passenger seat to a more favourable 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.

Reversing the PRE-SAFE® system measures

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

You will need to perform certain settings yourself.

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

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 cannot 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.
- Activating the rear hazard warning lights at a higher flashing frequency.
- Increasing brake pressure when the vehicle is stationary. This brake application is cancelled automatically when the vehicle pulls away.

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

System limits

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

- when reversing

  or

- when the vehicle is towing a trailer and there is a risk of a rear impact

The system will not initiate any braking application in the following situations:

- whilst driving

  or

- when entering or exiting a parking space while using Active Parking Assist

Seat belt adjustment function

Vehicles with PRE-SAFE®: after you have fastened the seat belt of the front seat, it may adjust itself against your body by pulling at the shoulder until somewhat tight. Do not hold the seat belt tightly while it is adjusting.

This function is a reminder that all vehicle occupants must wear their seat belts correctly.

You can activate and deactivate the seat belt adjustment function using the multimedia system (→ page 51).

Activating/deactivating seat belt adjustment via the multimedia system

Multimedia system:

↳ ⌂ ▸▸ Settings ▸▸ Vehicle

▶ Activate or deactivate Belt adjustment.

Overview of the automatic measures after an accident

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

- automatic braking (post-collision brake)
- activating the hazard warning lights
- triggering an automatic emergency call (→ page 334, 333)
- switching off the engine

  To start the vehicle again, switch the vehicle off and on once more (→ page 171). Depending on the type and severity of the accident, you may no longer be able to start the vehicle.
- switching off the fuel supply

- **Plug-in hybrid:** switching off the hybrid system and high-voltage on-board electrical system
- unlocking the vehicle doors
- lowering the side windows
- displaying the emergency guide in the multimedia system 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

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 46).
- 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 airbag (→ page 47).

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

- Seat belt tensioner: frontal impact, rear impact, side impact, rollover
- Driver's airbag, front passenger airbag: frontal impact
- Knee airbag: frontal impact
- Side airbag: side impact
- Window airbag: side impact, rollover, frontal impact

The installation location of an airbag is identified by the AIRBAG symbol (→ page 58).

Observe the information on the function of the restraint system (→ page 52).

Information on how the restraint system works

How the restraint system functions 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 52).

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

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

The vehicle may be deformed significantly without an airbag being deployed. This is the case if only parts which are relatively easily deformed are affected and the rate of vehicle deceleration is not high. Conversely, an airbag may be deployed even though the vehicle suffers only minor deformation. If very rigid vehicle parts such as longitudinal members are hit, this may result in sufficiently high levels of vehicle deceleration.

Depending on the apparent type of accident and the detected deployment situation, seat belt tensioners and/or airbags supplement the protection offered by a correctly worn seat belt.

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

Potential protection provided by each airbag:

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

! NOTE Mercedes-AMG vehicles

▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

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

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

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

- The bang will not generally affect your hearing.
- In general, the powder released is not hazardous to health but may cause short-term breathing difficulties to persons suffering from asthma or other pulmonary conditions.

  Provided it is safe to do so, leave the vehicle immediately or open the window in order to prevent breathing difficulties.

Information on the limited protection provided by the restraint system

Risk due to the incorrect behaviour 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 incorrect seat position

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

In particular, you may slip under the seatbelt and injure yourself.

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

- ▶ 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 airbag is identified by the AIRBAG (→ page 58) symbol.

Risk due to fitting accessories

Do not attach accessories such as mobile navigation devices, mobile phones or cup holders, within the deployment area of an airbag, 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 must be routed or attached to the vehicle within the deployment area of an airbag. Always comply with the accessory manufacturer's installation instructions and, in particular, the notes on suitable places for installation.

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

Due to unsuitable protective covers, the airbags cannot protect vehicle occupants as they are designed to do.

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

In addition, the function of the automatic front passenger airbag 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 airbag (→ 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 press buttons or switches, for instance.

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 about the vehicle in the event of an accident, or sudden steering and braking manoeuvres, and injure vehicle occupants.

- Never leave animals unattended in the vehicle.
- 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

! **NOTE** Mercedes-AMG vehicles

- Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

⚠ **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 a qualified specialist workshop.

Mercedes-Benz recommends that you use driving aids which have been approved for your vehicle by Mercedes-Benz.

⚠ 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 seat belt tensioner, 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 seat belt tensioners could accidentally trigger or fail to function as intended.

- ▶ Never modify the seat belt system, for example the seat belt, seat belt buckle, seat belt tensioner, 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.

Mercedes-Benz recommends that you use seat belts which have been approved for your vehicle by Mercedes-Benz.

The seat is designed for the standard three-point seat belt. If you fit a different multipoint seat belt, for example a four-point seat belt, the restraint system cannot 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 modify the cover of an airbag or affix objects such as stickers to it, the airbag can 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 airbag is identified by the AIRBAG symbol (→ page 58).

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 which 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 airbag components

The airbag parts are hot after an airbag has been deployed.

- Do not touch the airbag parts.
- Have a deployed airbag 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 airbags replaced immediately.

WARNING Risk of injury or death from deployed pyrotechnic seat belt tensioners

Pyrotechnic seat belt tensioners that have been deployed are no longer operational and are unable to perform their intended protective function.

- Therefore, have deployed pyrotechnic seat belt tensioners immediately replaced at a qualified specialist workshop.

Seat belts

Releasing seat belts

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

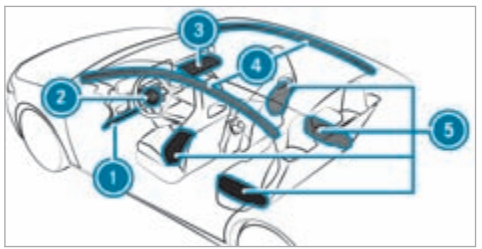
NOTE Damage caused by trapping the seat belt

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 airbags



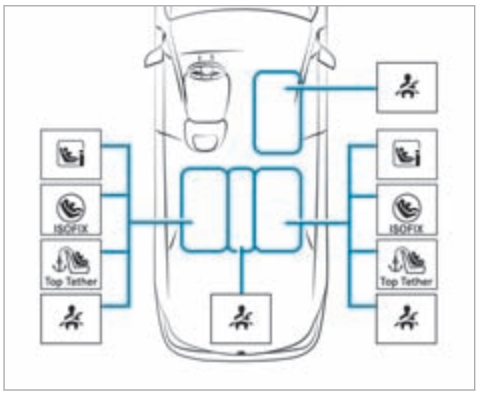
1. Knee airbag
2. Driver's airbag
3. Front passenger airbag
4. Window airbag
5. Side airbag

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

Observe the information in "Overview of deployment situations" (→ page 52).

Brief overview of most important points

Safely transporting children in the vehicle



Always observe the following when transporting children:

- Never leave children unattended in the vehicle (→ page 61).
- Secure children up to a height of 1.50 m on the respective seat (see illustration above) properly with a suitable and approved child restraint system (→ page 66), 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 seats)

Preferred securing system:

ISOFIX mounting bracket (→ page 69)

or

i-Size mounting bracket (→ page 70)

and

Also secure Top Tether if present (→ page 75).

Alternative securing system:

Vehicle seat belt

Additionally attach Top Tether if recommended by the manufacturer of the child restraint system (→ page 75).

The following child restraint systems within the Universal category are approved: U, UF, i-U, IUF. Observe the other alternatives for use (→ page 69).

Front passenger seat

Securing system:

Vehicle seat belt

Be sure to observe:

- If the front passenger seat is occupied, ensure that the status of the front passenger airbag is correct for the current situation (→ page 47).

The following child restraint systems within the Universal category are approved: U(*), UF. Observe the other alternatives for use (→ page 71).

(*) rearward-facing child restraint system only in combination with automatic airbag shutoff

Centre rear seat

Securing system:

Vehicle seat belt

The following belt-secured child restraint systems within the Universal category are approved: U, UF. Observe the other alternatives for use (→ page 76).

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 12 years old or under 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 fitted:
  - ISOFIX mounting brackets: (→ page 69)
  - i-Size mounting brackets: (→ page 70)
  - Securing with the vehicle seat belt: (→ page 71)

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 fit a child restraint system to a rear seat.

The generic term child restraint system

The generic term child restraint system is used in this Owner'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 – Mercedes-Benz recommends using a child booster seat **with** a backrest and seat belt guide.

Observe laws and legal requirements

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

Make sure that the child restraint system is approved in accordance with the valid test specifications and guidelines. Further information can be obtained at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

Securing systems for child restraint systems in the vehicle

Only use the following securing systems for child restraint systems:

- the ISOFIX or i-Size mounting brackets
- the vehicle's seat belt system
- the Top Tether anchorages

Simply attaching to the ISOFIX mounting brackets or i-Size mounting brackets on the vehicle can reduce the risk of fitting the child restraint system incorrectly.

When securing a child with the integrated seat belt of the ISOFIX or i-Size child restraint system, always comply with the permissible gross weight

for the child and child restraint system (→ page 74).

Important warning notices

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.
  - Fitting an ISOFIX or i-Size child restraint system on the rear seat (→ page 74).
  - Securing the child restraint system with the seat belt (→ page 76).
- 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 fitted or not secured, it can become detached.

The child cannot then be protected or restrained as intended.

The unused child restraint system can be become detached and strike 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 unused in the vehicle.

Do not modify the child restraint system

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

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

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

Only use child restraint systems which are in proper working condition

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

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

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

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

Avoid direct sunlight

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

If the child restraint system is exposed to direct sunlight or heat, parts could heat up.

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

- Always make sure that the child restraint system is not exposed to direct sunlight.
- Protect the child restraint system 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 Accident- and risk of injury with unsupervised children in the vehicle

If you leave children unattended in the vehicle, they can in particular

- Open doors and thereby endanger other persons or road users.
- get out of the car and are hit by traffic.
- Operate vehicle equipment and become trapped, forexample.

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

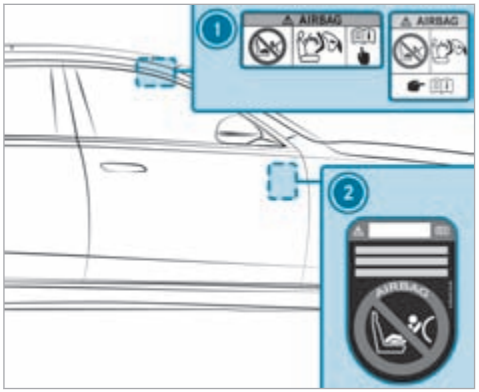
- releasing the parking brake.
- change the gearbox setting.
- start the vehicle.

▶ Never leave children unattended in the vehicle.

▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.

▶ Keep the key out of reach of children.

Overview of warning stickers in the vehicle



1 Front passenger airbag warning (on the front passenger sun visor) (→ page 63)

2 Vehicles without automatic front passenger airbag shutoff (visible when the front passenger door is open) (→ page 66)

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

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

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

The child could be struck by the airbag.

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

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

Observe the specific instructions for the rearward-facing and forward-facing child restraint systems (→ page 72).

If it is absolutely necessary to install a child restraint system on the front passenger seat, always observe the additional notes.

- The notes on automatic front passenger airbag shutoff (→ page 48).
- When using a rearward-facing child restraint system on the front passenger seat, the front passenger airbag must always be disabled. This is only the case if the PASSENGER AIR BAG OFF indicator lamp is lit continuously (→ page 47).
- The front passenger airbag is enabled when the PASSENGER AIR BAG OFF indicator lamp is not lit. The front passenger airbag may be deployed during an accident. In that case, do not use rearward-facing child restraint systems.

Information on the automatic front passenger airbag shutoff

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.

⚠ 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 could affect the function of the automatic co-driver airbag 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 is always resting on the seat surface of the co-driver seat.
- ▶ The backrest of the forward-facing child restraint system must, as far as possible, be resting on the seat backrest of the co-driver seat.
- ▶ It is essential to comply with the child restraint system manufacturer's installation instructions.

When fitting a child restraint system to the front passenger seat, observe the vehicle-specific information (→ page 63).

Rearward-facing child restraint system on the front passenger seat

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

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

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

The child could be struck by the airbag.

- ▶ Always ensure that the front passenger airbag is disabled. The PASSENGER AIR BAG OFF indicator lamp must be lit.
- ▶ NEVER use a rearward-facing child restraint system on a seat with an ENABLED FRONT AIRBAG. This can result in the DEATH of or SERIOUS INJURY to the CHILD.

ⓘ The front passenger airbag 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 airbag may be deployed during an accident. If the front passenger airbag is in this status, no rearward-facing child restraint system may be fitted on the front passenger seat.
Instead, fit the rearward-facing child restraint system to a suitable rear seat.

Forward-facing child restraint system on the front passenger seat

If a forward-facing child restraint system is fitted on the front passenger seat, the front passenger airbag may be automatically enabled or disabled. The status of the front passenger airbag 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 airbag if the PASSENGER AIR BAG OFF indicator lamp is off.

- ▶ Always move the front passenger seat as far back as possible. In doing so, 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 passenger seat accordingly.
- ▶ Always comply with the child restraint system manufacturer's installation instructions.

Be sure to also observe the following further related subjects:

- Function of the automatic front passenger airbag shutoff (→ page 47)
- Suitable positioning of the child restraint system

Notes on vehicles without automatic front passenger airbag shutoff

Vehicles without automatic front passenger airbag shutoff have a special sticker affixed to the side of the cockpit on the front passenger side (→ page 63).

Make sure you observe the following information:

- Never fit a rearward-facing child restraint system to the front passenger seat
- Always fit a rearward-facing child restraint system to a suitable rear seat
- Notes on rearward-facing and forward-facing child restraint systems on the front passenger seat (→ page 63)

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.

Approval categories for child restraint systems

Only child restraint systems that meet the following UNECE standards are permitted for use in the vehicle:

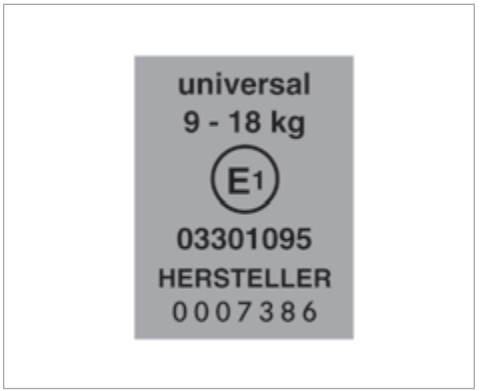
- UN-R44
- UN-R129

Identification on the child restraint system

The following information, e.g., is available on the approval label on the child restraint system:

- Approval category
- Child weight group
- Authorisation number
- Child restraint size class

Approval categories in accordance with UN-R44



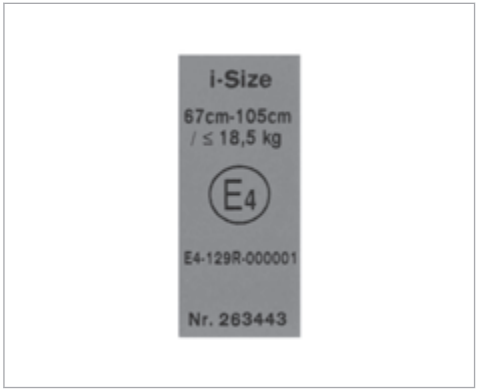
Example of an approval label

- **Universal:** child restraint systems in the "Universal" category are approved for installation in vehicles. They can be used, in accordance with overviews of the suitability of seats for securing child restraint systems, on seats labelled U, UF or IUF.

The identification IUF refers to ISOFIX child restraint systems in the "Universal" category. These child restraint systems must also be secured with Top Tether.

- **Semi-Universal:** child restraint systems in the "Semi-Universal" category may only be used if the vehicle and vehicle seat are listed in the child restraint system manufacturer's vehicle model list.
- **Vehicle-specific:** child restraint systems in the "vehicle-specific" category may only be used if the vehicle and vehicle seat are listed in the child restraint system manufacturer's vehicle model list.

Approval categories in accordance with UN-R129



Example of an approval label

- **i-Size**child restraint systems and booster seats with backrest: suitable for attachment to i-Size mounting brackets. They can be used on the seats marked i-U.

  Child restraint systems in this category can also be attached to ISOFIX bars if approved by the child restraint system manufacturer. i-Size booster seats with backrest can be used on seats marked U if the seat is approved for category B2/B3.
- Belted child restraint systems and belted booster seats without backrest of the **Universal**category: suitable for attachment to the seats marked U.
- **Vehicle-specific** child restraint systems (ISOFIX or belted attachment as well as child booster seats with and without backrest): suitable for attachment to the seats marked i-U or U if this is approved by the child restraint system manufacturer.

Observe the suitability of vehicle seats

- Suitability of the seats for attaching ISOFIX child restraint systems (→ page 69)
- Suitability of seats for securing i-Size child restraint systems (→ page 70).
- Suitability of seats for attaching belt-secured child restraint systems (→ page 71)

Overview of recommended child restraint systems

ⓘ Further information on the correct child restraint system can be obtained at a qualified specialist workshop. Mercedes-Benz recommends that you use a Mercedes-Benz Service Centre for this purpose.

Securing with ISOFIX

Weight category 0+ (up to 13 kg and up to approximately 15 months)

Type[1]	BABY SAFE plus (including base)
Size category	E
Approval	E1 04 301 146
Order number[2]	B6 6 86 8224
1 Manufacturer: Britax Römer.	2 With colour code 9H95.

Weight category I (9 to 18 kg and from approximately 9 months to 4 years)

Type[1]	DUO plus
Size category	B1
Approval	E1 04 301 133
Order number[2]	A 000 970 43 02
1 Manufacturer: Britax Römer.	2 With colour code 9H95.

Securing with the vehicle seat belt

Weight category 0 (up to 10 kg and approximately 6 months) and weight category 0+ (up to 13 kg and approximately 15 months)

Type[1]	BABY SAFE plus II
Approval	E1 04 301 146
Order number[2]	A 000 970 38 02
1 Manufacturer: Britax Römer.	2 With colour code 9H95.

Weight category I (9 to 18 kg and from approximately 9 months to 4 years)

Type[1]	DUO plus
Approval	E1 04 301 133
Order number[2]	A 000 970 43 02
1 Manufacturer: Britax Römer.	2 With colour code 9H95.

Weight category II/III (15 to 36 kg and from approximately 3 to 12 years)

Type[1]	KIDFIX XP
Approval	E1 04 301 304
Order number[2]	A 000 970 49 02
Type[1]	**AMG KIDFIX XP**
Approval	E1 04 301 304
Order number[2]	A 000 970 33 02
1 Manufacturer: Britax Römer.	2 With colour code 9H95.

Suitable seats for attaching child restraint systems

Overview of suitability of the seats for attaching ISOFIX child restraint systems

ISOFIX is a standardised securing system for specially designed child restraint systems.

The symbol indicates seats suitable for attaching an ISOFIX child restraint system in accordance with UN R44 (→ page 66).

ISOFIX child restraint systems can also be installed on seats with i-Size markings (→ page 70).

Attach only ISOFIX child restraint systems that are approved in accordance with UN R44 as per the following ISOFIX tables.

Legend for the following ISOFIX tables

X	Not suitable for an ISOFIX child restraint system in this weight group and/or size class.
IL	Suitable for ISOFIX child restraint systems according to the table in "Overview of the recommended child restraint systems", or if the vehicle and the seat are listed on the child restraint system manufacturer's vehicle model list.
IUF	Suitable for forward-facing ISOFIX child restraint systems of the "Universal" category in this weight group.
U	Suitable for child restraint systems of the "Universal" category in this weight category.
L	Suitable for semi-universal child restraint systems according to the table in "Recommended child restraint systems", or if the vehicle and the seat are listed in the child restraint system manufacturer's vehicle model list.
UF	Suitable for forward-facing child restraint systems of the "Universal" category in this weight category.

Carry cot

Size class – Equipment	Left/right rear seat
F – ISO/L1	X
G – ISO/L2	X

Weight group 0 (up to 10 kg and up to approx. 6 months)

Size class – Equipment	Left/right rear seat
E – ISO/R1	IL

Weight group 0+ (up to 13 kg and up to approx. 15 months)

Size class – Equipment	Left/right rear seat
E – ISO/R1	IL
D – ISO/R2, ISO/R2X	IL
C – ISO/R3	IL (1)

(1) When using a child restraint system of size class (ISO/R3), move the front seat into the highest position. Make sure that the seat backrest of the front seat does not rest against the child restraint system.

Weight group 1 (9–18 kg and approx. 9 months to 4 years)

Size class – Equipment	Left/right rear seat
D – ISO/R2, ISO/R2X	IL
C – ISO/R3	IL (1)
B – ISO/F2	IUF
B1 – ISO/F2X	IUF
A – ISO/F3	IUF

(1) When using a child restraint system of size class (ISO/R3), move the front seat into the highest position. Make sure that the seat backrest of the front seat does not rest against the child restraint system.

Overview of suitability of the seats for attaching i-Size child restraint systems

i-Size is a standardised securing system for specially designed child restraint systems.

i-Size child restraint systems can be attached to a seat with the i-Size marking (→ page 66).

Child restraint systems that are approved in accordance with the following i-Size table may be attached.

Legend for the following i-Size tables

X	Not suitable for an i-Size child restraint system in the "Universal" category.
i-U	Suitable for forward-facing and rearward-facing i-Size child restraint systems in the "Universal" category.

Left and right rear seat

i-Size child restraint systems (ISO/R1, ISO/R2, ISO/R2X, ISO/R3, ISO/F2, ISO/F2X, ISO/F3, ISO/B2, ISO/B3)	i-U

Front passenger seat

i-Size child restraint systems (ISO/R1, ISO/R2, ISO/R2X, ISO/R3, ISO/F2, ISO/F2X, ISO/F3, ISO/B2, ISO/B3)	X

Overview of the suitability of seats for attaching belt-secured child restraint systems

Legend for the following tables

U	Suitable for child restraint systems of the "Universal" category in this weight category.
X	Not suitable for children in this weight category.
L	Suitable for semi-universal child restraint systems according to the table in "Recommended child restraint systems", or if the vehicle and the seat are listed in the child restraint system manufacturer's vehicle model list.
UF	Suitable for forward-facing child restraint systems of the "Universal" category in this weight category.

Rear seats

Weight category 0: to 10 kg	
Left/right rear seat	U, L
Centre rear seat[1]	U, L
Weight category 0+: to 13 kg	
Left/right rear seat	U, L
Centre rear seat[1]	U, L
Weight category I: 9 to 18 kg	
Left/right rear seat	U, L
Centre rear seat[1]	U, L
Weight category II: 15 to 25 kg	
Left/right rear seat	U, L
Centre rear seat[1]	U, L
Weight category III: 22 to 36 kg	
Left/right rear seat	U, L
Centre rear seat[1]	U, L

1 Child restraint systems with a supporting bracket are not suitable for this seat.

Notes on child restraint systems on the front passenger seat

- If it is absolutely necessary for you to fit a child restraint system to the front passenger seat, be sure to observe the information on child restraint systems on the front passenger seat (→ page 63).
- Observe the specific instructions for the rearward-facing and forward-facing child restraint systems. If the front passenger seat is occupied, ensure, both before and during the journey, that the status of the front passenger airbag is correct for the current situation (→ page 47).

Front passenger seat

Weight category 0: to 10 kg	
Front passenger airbag enabled[1]	X
Front passenger airbag disabled[1, 2]	U, L
Weight category 0+: to 13 kg	
Front passenger airbag enabled[1]	X

Front passenger airbag disabled[1, 2]	U, L
Weight category I: 9 to 18 kg	
Front passenger airbag enabled[1]	UF, L
Front passenger airbag disabled[1, 2]	U, L
Weight category II: 15 to 25 kg	
Front passenger airbag enabled[1]	UF, L
Front passenger airbag disabled[1, 2]	U, L
Weight category III: 22 to 36 kg	
Front passenger airbag enabled[1]	UF, L
Front passenger airbag disabled[1, 2]	U, L

1 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.

2 The vehicle is equipped with automatic front passenger airbag shutoff. The PASSENGER AIR BAG OFF indicator lamp must be lit.

Securing the child restraint system

Adjusting the seat correctly

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

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

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.

When fitting an ISOFIX or i-Size 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.
- **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 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 correctly.
- The child restraint system must not be put under strain between the roof and the seat cushion and/or be fitted facing the wrong direction. Where possible, adjust the seat cushion inclination accordingly.
- Adjust the vehicle head restraints so that the child restraint system is not put under strain by the head restraint.

When fitting 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.

- **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 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 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 fitted facing the wrong direction. Where possible, adjust the seat cushion inclination 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 fitting 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 63).
- **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 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 fitted 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 possible position. 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.

Fitting an ISOFIX or i-Size child restraint system

⚠ **WARNING** Risk of accident if the rear bench seat, rear seat and seat backrest are not engaged

The rear bench seat, rear seat and seat backrest may fold forwards, even while the vehicle is in motion.

- As a result, the vehicle occupant will be pressed into the seat belt with increased force. The seat belt will not be able to protect as intended and could cause additional injury.
- Objects or loads in the boot or load compartment cannot be restrained by the seat backrest.

▶ Make sure that the rear bench seat, the rear seat and the seat backrest are engaged before every trip.

If the rear seat backrest is not engaged and locked in place, the red lock verification indicator will be visible.

⚠ **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 ISOFIX or i-Size 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 an ISOFIX or i-Size child restraint system with integrated seat belts, the total mass of the child and child restraint system must not exceed 33 kg.

Always comply with the information about the mass of the child restraint system:

- 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 gross mass of the child and child restraint system is still complied with.

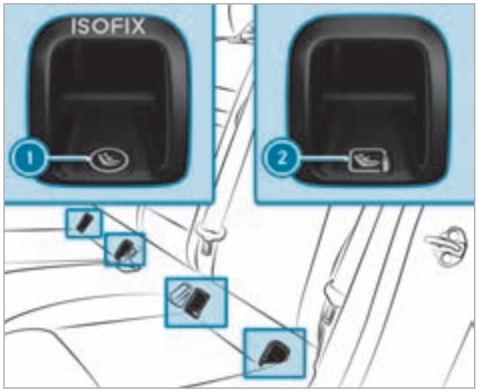
When fitting a child restraint system, observe the following:

☑ Always observe the correct use of the seats and consider their suitability for attaching a child restraint system.

ISOFIX mounting brackets (⟶ page 69)

or

i-Size mounting brackets (⟶ page 70)



(1) ISOFIX mounting bracket
(2) i-Size mounting bracket

- Before every journey, make sure that the ISOFIX child restraint system or the i-Size child restraint system is engaged correctly in both mounting brackets in the vehicle.

! **NOTE** Damage to the seat belt for the centre seat during installation of the child restraint system

- Make sure that the seat belt is not trapped.

- Attach the ISOFIX or i-Size child restraint system to both mounting brackets in the vehicle.

Fastening a Top Tether

⚠ **WARNING** Risk of injury or death if the rear seat backrests are not locked after Top Tether belts are fitted

The rear seat backrests may fold forwards when you are driving.

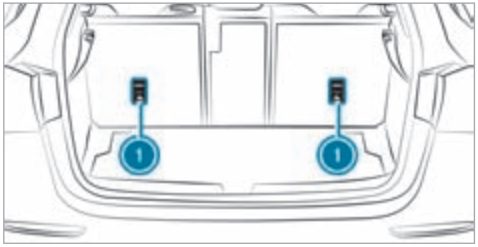
As a result, child restraint systems will no longer be able to perform their intended protective function. This may also cause additional injuries.

- Always lock rear seat backrests after fitting Top Tether belts.
- Observe the lock verification indicator.

If the rear seat backrest is not engaged and locked in place, the red lock verification indicator will be visible.

If the child restraint system is equipped with a Top Tether belt:

The risk of injury may be reduced by Top Tether. The Top Tether belt enables an additional connection between the child restraint system attached with ISOFIX or i-Size and the vehicle.





Vehicles with adjustable head restraints:

- If necessary, slide the head restraint upwards (→ page 113).
- Guide Top Tether belt (3) under the head restraint between the two head restraint bars.

Vehicles without adjustable head restraints:

- Top Tether belt with one seat belt strap: guide Top Tether belt (3) over the centre of the head restraint.

or

- Top Tether belt with two seat belt straps: guide one Top Tether belt (3) past the head restraint on the right and left sides respectively.

All vehicles:

- Fit the ISOFIX or i-Size child restraint system with Top Tether. In doing so, comply with the child restraint system manufacturer's installation instructions.
- Hook Top Tether hook (2) into Top Tether anchorage (1) without twisting.
- Tension Top Tether belt (3). In doing so, comply with the child restraint system manufacturer's installation instructions.

Vehicles with adjustable head restraints:

- If necessary, slide the head restraint downwards (→ page 113). Make sure that you do not interfere with the correct routing of Top Tether belt (3).

Securing the child restraint system with the seat belt

⚠ **WARNING** Risk of accident if the rear bench seat, rear seat and seat backrest are not engaged

The rear bench seat, rear seat and seat backrest may fold forwards, even while the vehicle is in motion.

- As a result, the vehicle occupant will be pressed into the seat belt with increased force. The seat belt will not be able to protect as intended and could cause additional injury.
- Objects or loads in the boot or load compartment cannot be restrained by the seat backrest.

- Make sure that the rear bench seat, the rear seat and the seat backrest are engaged before every trip.

If the rear seat backrest is not engaged and locked in place, the red lock verification indicator will be visible.

- For a child restraint system in the "Universal" or "Semi-Universal" category, make sure that the system has been approved for the vehicle seat.
- Install the child restraint system.
  The entire base of the child restraint system must always rest on the sitting 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 fitting on the rear seat:** also secure Top Tether if present.
- **When fitting on the front passenger seat:** if necessary, adjust the seat belt outlet and the front passenger seat accordingly.

Child safety locks

Activating or deactivating the child safety lock for the rear doors

WARNING Accident- and risk of injury with unsupervised children in the vehicle

If you leave children unattended in the vehicle, they can in particular

- Open doors and thereby endanger other persons or road users.
- get out of the car and are hit by traffic.
- Operate vehicle equipment and become trapped, forexample.

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

- releasing the parking brake.
- change the gearbox setting.
- start 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 key out of reach of children.

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 due to children left unattended in the vehicle

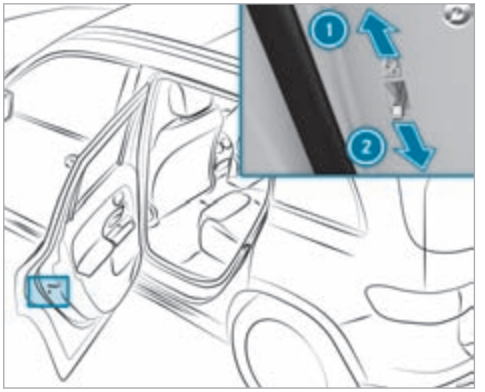
If children are travelling in the vehicle, they could, in particular:

- 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.

- Always activate the installed child safety locks if children are travelling in the vehicle.
- Never leave children unattended in the vehicle.
- When leaving the vehicle, always take the key with you and lock the vehicle.

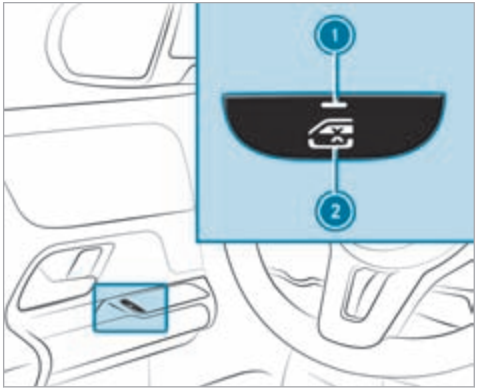
Vehicles for the United Kingdom: observe the important safety notes in the "Notes on the additional door lock" section.

There are child safety locks for the rear doors and the rear side windows.
The child safety lock on the rear doors secures each door separately. The doors can no longer be opened from the inside.



- Press the lever in direction 1 (activate) or 2 (deactivate).
- Make sure that the child safety locks are working properly.

Activating and deactivating the child safety lock for the rear side windows



- **To activate/deactivate:** press button 2.

  The rear side window can be opened or closed in the following cases:
  - indicator lamp 1 is lit: via the switch on the driver's door

- indicator lamp (1) is off: via the switch on the corresponding rear door or driver's door

Key

Overview of key functions

WARNING Accident- and risk of injury with unsupervised children in the vehicle

If you leave children unattended in the vehicle, they can in particular

- Open doors and thereby endanger other persons or road users.
- get out of the car and are hit by traffic.
- Operate vehicle equipment and become trapped, forexample.

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

- releasing the parking brake.
- change the gearbox setting.
- start 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 key out of reach of children.

NOTE Damage to the key caused by magnetic fields

▶ Keep the key away from strong magnetic fields.



Vehicle key

1 Locking
2 Indicator lamp
3 Unlocking
4 Opens/closes the tailgate

ⓘ If indicator lamp 2 does not light up after pressing the [ ] or [ ] button, the battery is weak or possibly discharged. Replace the battery as soon as possible.

Replace the key battery (→ page 82).

The key locks and unlocks the following components:

- Doors
- Fuel filler flap
- Socket flap (plug-in hybrid)
- Tailgate

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

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

Activating/deactivating the acoustic locking verification signal

Multimedia system:

↳ ⌂ ▸▸ Settings ▸▸ Vehicle

▶ Activate or deactivate Acoustic lock.

ⓘ **Please observe:**
The selected setting for the acoustic locking verification signal must comply with the relevant national road and traffic regulations. In some countries, including Germany, using the acoustic locking verification signal is forbidden by traffic laws (in accordance with §16 Para. 1 and §30 Para. 1 of the German national road traffic regulations). The driver of the vehicle must comply with these regulations. In countries where the use of this function is forbidden, this function is not activated in the vehicle and must not be activated.

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 key, the KEYLESS-GO functions are also deactivated. Access or drive authorization by KEYLESS-GO is then no longer possible with that particular key. Activate the function of the key so that all its functions will again be available.

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

▶ Press and hold the key 🔒 button.

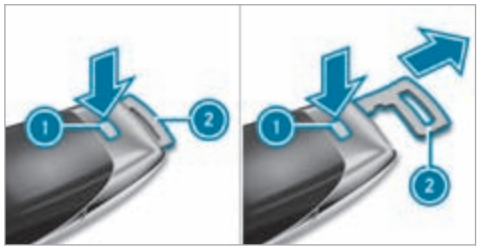
▶ With the key button 🔒 pressed, immediately press key button 🔓 twice in quick succession.
The indicator light of the key lights up once briefly and once for a long time.

ⓘ You have the following options to reactivate the key:

- Press any key on the key.
- Start the vehicle with the key in the centre console storage compartment (→ page 172).

Removing/inserting the emergency key

Removing the emergency key



- Press release button (1). Emergency key (2) is pushed out slightly.
- Pull out emergency key (2) until it engages in the intermediate position.
- Press release button (1) again and fully remove emergency key (2).

Inserting the emergency key

- Press release button (1).
- Insert emergency key (2) to the intermediate position or fully until it engages.

ⓘ You can use the intermediate position of emergency key (2) to attach the key to a key ring.

Replacing the key battery

⚠ **DANGER** Risk of fatal injury 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 the batteries out of the reach of children.
- If the lid and/or the battery compartment 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.

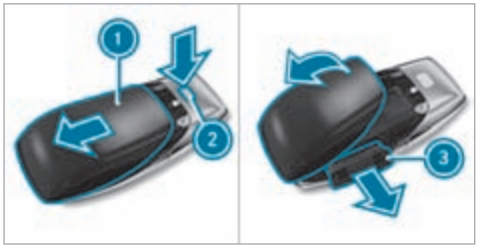
- Dispose of batteries in an environmentally responsible manner. Take discharged batteries to a qualified specialist workshop or to a collection point for used batteries.

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 82).



- ▶ Press release knob (2) down fully and slide cover (1) in the direction of the arrow.
- ▶ Fold out cover (1) in the direction of the arrow and remove.
- ▶ Remove battery compartment (3) and take out the discharged battery.
- ▶ Insert the new battery into battery compartment (3). Observe the positive pole marking in the battery compartment and on the battery when doing this.
- ▶ Push in battery compartment (3).
- ▶ Re-attach cover (1) and push it until it engages.

Problems with the key, troubleshooting

You can no longer lock or unlock the vehicle

Possible causes:

- The key battery is weak or discharged.

- ▶ Check the battery using the indicator lamp (→ page 80).
- ▶ Replace the key battery, if necessary (→ page 82).
- ▶ Use the replacement key.
- ▶ Use the emergency key to lock or unlock (→ page 87).
- ▶ 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.

Doors

Notes on the additional door lock

The additional door lock is only available for vehicles for the United Kingdom.

WARNING Risk of injury to persons inside the vehicle when the additional door lock is activated

If the additional door lock is activated, the doors can no longer be opened from the inside.

- Never leave persons, in particular children, unattended in the vehicle.
- If there are persons in the vehicle, do not activate the additional door lock.

The additional door lock is automatically activated in the following situations:

- The vehicle is locked using the key.
- The vehicle is locked using KEYLESS-GO.

If the vehicle has been locked via Mercedes me connect, the additional door lock is not activated (→ page 327).

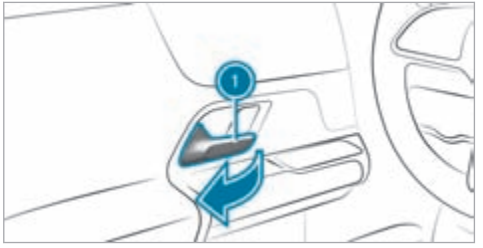
If the additional door lock is activated, the doors cannot be opened from the inside.

ⓘ After locking you can issue a signal with the horn.

You can prevent the additional door lock from being activated by deactivating interior protection before locking the vehicle (→ page 103).

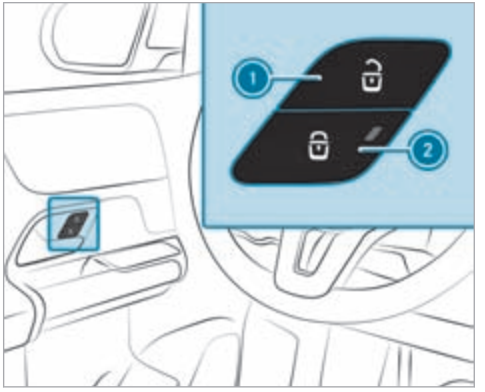
Unlocking/opening the doors from the inside

- **United Kingdom only:** observe the notes on the additional door lock (→ page 83).



- Pull the door ① handle.

Centrally locking and unlocking the vehicle from the inside



- **To unlock:** press ① button.
- **To lock:** press button ②.
  The red indicator lamp on button ② lights up once the vehicle is locked.

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 car.

The vehicle is not unlocked:

- if you have locked the vehicle using the key
- if you have locked the vehicle using KEYLESS-GO

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 1 m.
- The driver's door and the door on which the door handle is used are closed.

! **NOTE** Vehicle damage due to unintentional opening of the tailgate

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

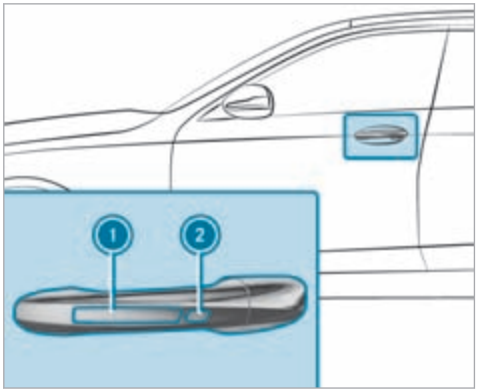
▶ Deactivate the function of the key in these situations.

or

▶ Make sure that the key is at a minimum distance of 3 m away from the vehicle.

Observe the notes:

- on washing the vehicle in a car wash (→ page 354)
- on using a high pressure cleaner (→ page 356)



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

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

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

ⓘ Further information on convenience closing (→ page 96).

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

Problems with KEYLESS-GO, troubleshooting

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

Possible causes:

- The function of the key has been deactivated.
- The key battery is weak or discharged.

▶ Activate the function of the key (→ page 81).
▶ Check the battery using the indicator lamp (→ page 80).
▶ Replace the key battery, if necessary (→ page 82).
▶ Use the replacement key.
▶ Use the emergency key to lock or unlock (→ page 87).
▶ Have the vehicle and key checked at a qualified specialist workshop.

There is interference from a powerful radio signal source

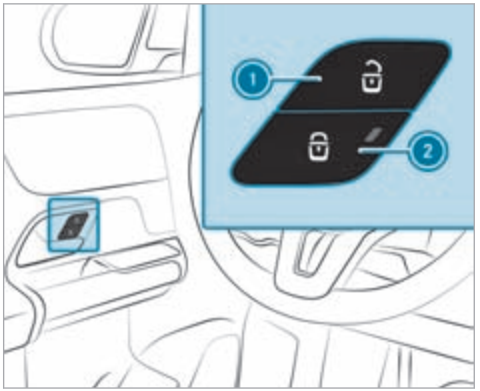
Possible causes if the function of KEYLESS-GO is impaired:

- high voltage power lines
- mobile phones
- electronic devices (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.

Activating/deactivating the automatic locking feature

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



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

The red indicator lamp on button 2 lights up once the vehicle is locked.

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

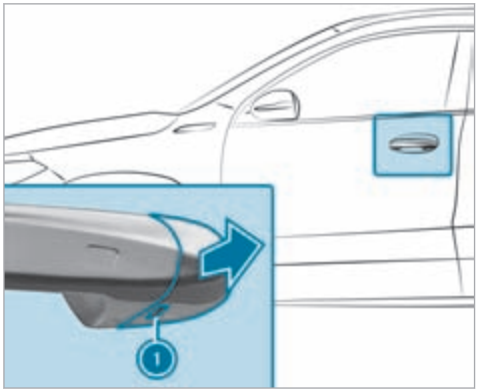
- while the vehicle is being tow-started or pushed
- if the vehicle is being tested on a roller dynamometer

Locking/unlocking the vehicle with the emergency key

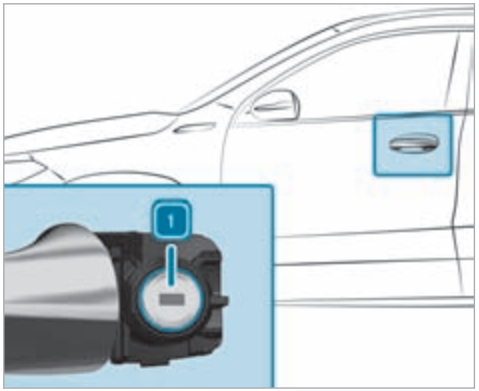
Locking/unlocking the driver's door with the emergency key

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

ⓘ If you unlock and open the driver's door with the emergency key, this triggers the burglar alarm system.

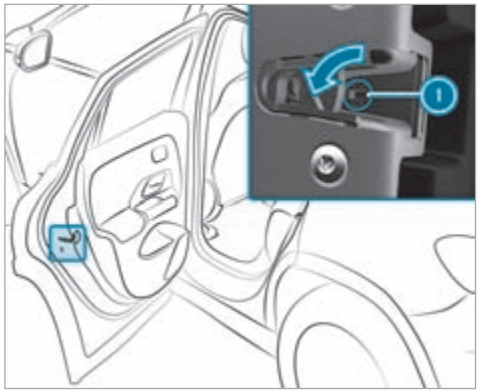


- Remove the emergency key (→ page 82).
- Insert the emergency key as far as it will go into opening (1) in the cover.
- Pull and hold the door handle.
- Pull the cover on the emergency key as straight as possible away from the vehicle until it releases.
- Release the door handle.



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

Locking the front passenger door and rear doors



- Insert a suitable object, e.g. the emergency key, into opening (1) on the door lock.
- **To lock the left-hand side of the vehicle:** turn the emergency key anti-clockwise as far as it will go.
- **To lock the right-hand side of the vehicle:** turn the emergency key clockwise as far as it will go.

If the locked door is then closed, it can no longer be opened from the outside.

Load compartment

Opening the tailgate

⚠ DANGER Risk of poisoning from exhaust gases

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

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

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

The tailgate swings rearwards and upwards when it is opened.

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

- Pull the tailgate handle.
- **Vehicles with HANDS-FREE ACCESS:** make a kicking movement with your foot below the bumper (⟶ page 91).

Vehicles with an EASY-PACK tailgate



- Pull remote operating switch (1) until the tailgate opens.

or

- Press and hold the button on the key.
- If the tailgate is unlocked, pull the tailgate handle and release it again immediately.
- If the tailgate has stopped in an intermediate position, pull it upwards. Release it as soon as it begins to open.

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

Closing the tailgate

WARNING Risk of injury from unsecured items in the vehicle

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

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

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

Observe the notes on loading the vehicle.

Notes on closing the tailgate: your vehicle is equipped with automatic key recognition. If a key belonging to the vehicle is detected in the vehicle, the tailgate will not be locked.

Note that the tailgate will not be locked in the following situation:

- You have locked the vehicle and close the tailgate while a key belonging to the vehicle is inside the vehicle.

  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 tailgate:** pull the tailgate downwards with the handle and let it drop into the lock.

Vehicles with an EASY-PACK tailgate

⚠ WARNING Risk of becoming trapped during automatic closing of the tailgate

Body parts may become trapped. There may be people in the closing area.

▶ Make sure that nobody is in the vicinity of the closing area during the closing process.

Use one of the following options to stop the closing process:

- Press the button on the key.
- Press or pull the remote operating switch on the driver's door.
- Press the closing or locking button on the tailgate.
- Pull the tailgate handle.

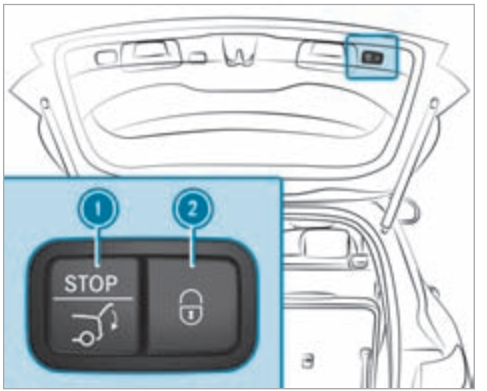
Vehicles with HANDS-FREE ACCESS: it is also possible to stop the closing process by making a kicking movement below the rear bumper.

▶ **To close the tailgate:** pull the tailgate downwards slightly. Release it as soon as it begins to close.



▶ Switch on the power supply or the vehicle.

▶ Push remote operating switch ① until the tailgate is fully closed.



▶ Press closing button ① on the tailgate.

Vehicles with KEYLESS-GO

- Press locking button (2) on the tailgate.
  If a key is detected outside the vehicle, the tailgate will close and the vehicle will be locked.
- Press and hold the button on the key.
  The key must be in the vicinity of the vehicle.

Vehicles with HANDS-FREE ACCESS

- Make a kicking movement with your foot below the bumper (→ page 91).

Automatic reversing function for the tailgate

The tailgate is equipped with automatic blockage detection with a reversing function. If an obstacle obstructs the tailgate during the automatic closing process, it will automatically open again slightly. Automatic blockage detection with the 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 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, either:

- Press the button on the key.
- Press or pull the remote operating switch on the driver's door.
- Press the closing or locking button on the tailgate.
- Pull the tailgate handle.

HANDS-FREE ACCESS function



With HANDS-FREE ACCESS you can open, close or stop the closing process of the tailgate by performing a kicking movement under the rear bumper.

The kicking movement triggers the opening or closing process alternately.

Observe the notes when opening (→ page 88) and closing (→ page 89) the tailgate.

ⓘ Two warning tones sound when the tailgate 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 Vehicle damage due to unintentional opening of the tailgate

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

▶ Deactivate the function of the key in these situations.

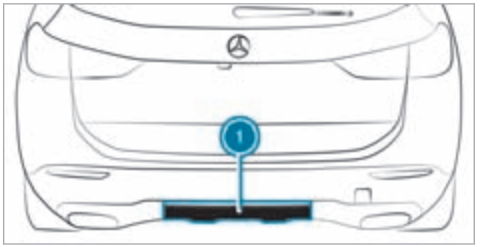
or

▶ Make sure that the key is at a minimum distance of 3 m away from the vehicle.

When making the kicking movement, make sure that you are standing firmly on the ground. You could otherwise lose your balance, e.g. on ice.

Observe the following notes:

- The key is behind the vehicle.
- Stand at least 30 cm away from the vehicle while performing the kicking movement.
- Do not come into contact with the bumper while making the kicking movement.
- Do not carry out the kicking movement too slowly.
- The kicking movement must be towards the vehicle and back again.



① Detection range of the sensors

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

System limits

The system may be impaired or may not function in the following cases:

- The sensors are dirty, e.g. due to road salt or snow.
- The kicking movement is made using a prosthetic leg.

The tailgate can open or close 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
- Clamping straps, tarpaulins or other coverings are pulled over the bumper.
- A protective mat with a length reaching over the boot sill down into the detection range of the sensors is used.
- The protective mat is not secured correctly.
- Work is being done on the trailer hitch, trailers or rear bicycle racks.

Deactivate the function of the key (→ page 81) or do not carry the key about your person in such situations.

Limiting the opening angle of the tailgate

Activating the opening angle limiter

You can limit the opening angle of the tailgate in the top half of its opening range up to a point shortly before the end position.

▶ Stop the opening procedure of the tailgate at the desired position.

▶ Press and hold the closing button on the tailgate until you hear a short acoustic signal. The opening angle limiter will be activated. The tailgate will then stop in the stored position when opened.

To open the tailgate fully, pull the handle on the outside of the tailgate again after it has stopped automatically.

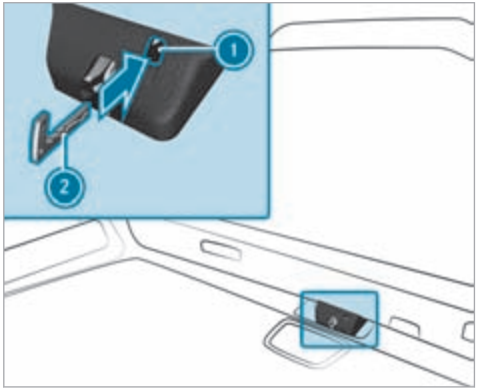
Deactivating the opening angle limiter

▶ Press and hold the closing button on the tailgate until two short acoustic signals sound.

Unlocking the tailgate with the emergency key

Requirements

- The rear seat backrest has been folded forward.
- The load compartment cover has been removed.



▶ Remove the emergency key (→ page 82).

- Insert emergency key (2) into opening (1) in the trim and push it in.
  The tailgate will be unlocked.

Side windows

Opening and closing the side windows

WARNING Risk of becoming trapped when opening a side window

When you open 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.

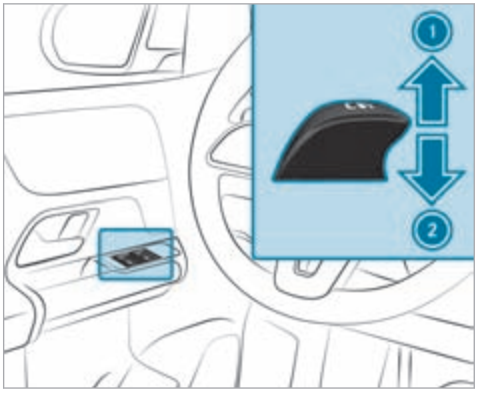
WARNING Risk of becoming trapped when children operate the side windows

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

- Activate the child safety lock for the rear side windows.
- When leaving the vehicle, always take the key with you and lock the vehicle.
- Never leave children unattended in 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 point of resistance 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 front door is opened.

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.

Automatic function of the side windows

In the following cases, the side windows will be closed automatically when the vehicle is switched off:

- if it starts to rain

  Rain is detected by a rain sensor on the windscreen.
- in extreme temperatures
- after a certain time (depending on the onboard electrical system voltage)
- if there is a malfunction in the power supply

The side windows will be closed as far as the ventilation position.

Vehicles with a panorama sliding sunroof: the side windows will be closed completely if the sliding sunroof is open.

If the side windows are obstructed during automatic closing, the side window concerned will open again slightly. After another automatic closing process, the automatic function may be deactivated. The automatic function will be active again the next time the vehicle is started.

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.

Requirements
- The key is in the immediate vicinity of the vehicle.

▶ Press and hold the button on the key.

The following functions are performed:
- The vehicle is unlocked.
- The side windows are opened.
- The panoramic sliding roof is opened.
- The seat ventilation of the driver's seat is switched on.

ⓘ If the roller sunblind of the panoramic sliding sunroof is closed, the roller sunblind is opened first.

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

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

Convenience closing (closing the vehicle from outside)

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

When the convenience closing feature is operating, parts of the body could become trapped in the closing area of the side window and the sliding sunroof.

▶ When the convenience closing feature is operating, monitor the entire closing process and make sure that no body parts are in the closing area.

Requirements
- The key is in the immediate vicinity of the vehicle.

▶ Press and hold the button on the key.

The following functions are performed:
- The vehicle is locked.
- The side windows are closed.
- The panoramic sliding roof is closed.

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

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

ⓘ Convenience closing also functions with KEYLESS-GO (→ page 85).

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.

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 80).
- Replace the key battery, if necessary (→ page 82).

Sliding sunroof

Opening and closing the sliding sunroof

ⓘ The term "sliding sunroof" also refers to the panorama sliding sunroof.

⚠ **WARNING** Risk of becoming trapped when the sliding sunroof is being opened and closed

Body parts may become trapped in the range of movement.

- During opening and closing, make sure that no body parts are in the range of movement.
- Release the button immediately if somebody becomes trapped.

or

- Briefly press the button in any direction during automatic operation.
  The opening or closing process will be stopped.

⚠ **WARNING** Risk of entrapment if the sliding sunroof is operated by children

Children operating the sliding sunroof could get caught in the moving parts, particularly if unattended.

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

WARNING Risk of becoming trapped when the roller sunblind is being opened and closed

Body parts may become trapped between the roller sunblind and frame or sliding roof.

- When opening or closing, make sure that no body parts are in the roller sunblind's range of movement.
- Release the button immediately if somebody becomes trapped.

or

- Briefly press the button in any direction during automatic operation.
  The opening or closing process will be stopped.

NOTE Malfunction due to snow and ice

Snow and ice may cause the sliding sunroof to malfunction.

- Open the sliding sunroof only if it is free of snow and ice.

NOTE Damage caused by protruding objects

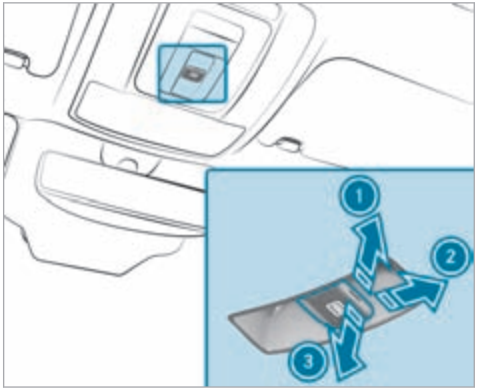
Objects that protrude from the sliding sunroof may damage the seals.

- Do not allow anything to protrude from the sliding sunroof.

NOTE Damage to the sliding sunroof when a roof luggage rack is fitted

When a roof luggage rack is fitted, raising or opening the sliding sunroof may be restricted.

- Check whether the sliding sunroof can be raised or opened when a roof luggage rack is fitted.
- If in doubt, do not raise or open the sliding sunroof.



1. Raise
2. Open
3. Close/lower

Use the button to operate the panorama sliding sunroof and the roller sunblind.

The panorama sliding sunroof can be operated only when the roller sunblind is open.

- Check whether the sliding sunroof can be raised or opened when a roof luggage rack is fitted.
- **To start automatic operation:** press the button beyond the point of resistance or pull and release it.
- **To interrupt automatic operation:** briefly press the button in any direction.
  The opening/closing process will be stopped.

Automatic reversing function of the sliding sunroof

If an obstacle obstructs the sliding sunroof during the closing process, the sliding sunroof 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 the reversing function being active

In particular, the reversing function does not react:

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

- During the closing process, make sure that no body parts are in the closing area.
- Release the button immediately if somebody becomes trapped.

or

- Briefly press the button in any direction during automatic operation.
  The closing process will be stopped.

Automatic reversing function of the roller sunblind

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

- When closing the roller sunblind, make sure that no body parts are in the area of movement.

WARNING Risk of becoming trapped despite reversing function

In particular, the reversing function does not react to soft, light and thin objects, e.g. fingers.

- When closing the roller sunblind, make sure that no body parts are in the range of movement.
- Release the button immediately if somebody becomes trapped.

or

- Briefly press the button in any direction during the automatic closing process.
  The closing process will be stopped.

Automatic functions of the sliding sunroof

ⓘ The term "sliding sunroof" also refers to the panorama sliding sunroof.

The sliding sunroof will be closed automatically when the vehicle has been switched off in the following situations:

- if it starts to rain

  Rain is detected by a rain sensor on the windscreen.
- in extreme temperatures
- after a certain time (depending on the on-board electrical system voltage)
- if there is a malfunction in the power supply

The sliding sunroof will rise at the rear in order to continue ventilating the vehicle interior.

If the sliding sunroof is obstructed during an automatic closing procedure, the roof will be opened again slightly. The automatic function for the sliding sunroof and the side windows will then be deactivated.

Rain closing function when driving

Vehicles with a panorama sliding sunroof: if it starts to rain, the raised sliding sunroof will automatically be lowered while the vehicle is in motion.

Automatic lowering function

Vehicles with a panorama sliding sunroof: if the sliding sunroof is raised at the rear, it will automatically be lowered slightly at higher speeds. At low speeds, it will be raised again automatically.

⚠ **WARNING** Risk of becoming trapped by automatic lowering of the sliding sunroof

At higher speeds, the raised sliding sunroof will automatically be lowered slightly at the rear.

- ▶ Make sure that nobody reaches into the sliding sunroof's range of movement while the vehicle is in motion.
- ▶ If somebody becomes trapped, briefly push the sliding sunroof button forwards or backwards.

ⓘ By pushing or pulling the button, you can interrupt the automatic functions "Rain closing function when driving" and "Automatic lowering".

Rectifying problems with the sliding sunroof

⚠ **WARNING** Risk of becoming trapped or fatal injuries when the sliding sunroof is closed again

If the sliding sunroof is closed again immediately after it has been blocked or reset, it will close with increased force.

- ▶ Make sure that no parts of the body are in the closing area.
- ▶ Release the button immediately if somebody becomes trapped.

or

- ▶ Briefly press the button in any direction during the automatic closing process. The closing process will be stopped.

The sliding sunroof cannot be closed and you cannot see the cause.

ⓘ The term "sliding sunroof" also refers to the panorama sliding sunroof.

If the sliding sunroof is obstructed during closing and reopens again slightly:

- Immediately after automatic reversing, pull and hold the button down again to the point of resistance until the sliding sunroof is closed.
  The sliding sunroof will be closed with increased force.

If the sliding sunroof is obstructed again and opens again slightly:

- Repeat the previous step.
  The sliding sunroof will be closed again with increased force.

Vehicles with a panorama sliding sunroof: the sliding sunroof or the roller sunblind is not operating smoothly.

- Reset the sliding sunroof and the roller sunblind.

Resetting the sliding sunroof and the roller sunblind

- Pull and hold the button little by little until the sliding sunroof is fully closed.
- Pull and hold the button little by little until the roller sunblind is fully closed.
- Use automatic operation to fully open and then close the sliding sunroof.

Anti-theft protection

Function of the immobiliser

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

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

ATA (Anti-Theft Alarm system)

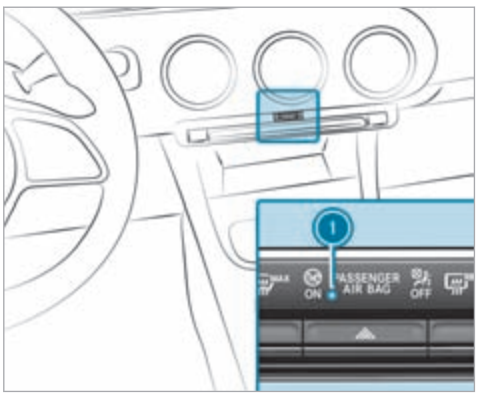
Function of the ATA system

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

- when a door is opened
- when the tailgate is opened
- when the bonnet is opened
- when interior protection is triggered (→ page 102)
- when tow-away protection is triggered (→ page 102)

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

- after locking the vehicle with the key
- after locking the vehicle using KEYLESS-GO



Indicator lamp (1) flashes when the ATA system is primed.

The ATA system is deactivated automatically in the following situations:

- after unlocking the vehicle with the key
- after unlocking the vehicle using KEYLESS-GO
- after pressing the start/stop button with the key in the stowage compartment (→ page 172)

Deactivating the ATA

▶ Press the [🔓], [🔓] or [🚨] button on the key.

or

▶ Press the start/stop button with the key in the stowage compartment (→ page 172)

Deactivating the alarm using KEYLESS-GO

▶ Grasp the outside door handle with the key outside the vehicle.

Function of tow-away protection

An audible and visual alarm is triggered if an alteration to your vehicle's angle of inclination is detected while tow-away protection is primed.

Tow-away protection is automatically primed after approximately 60 seconds:

- after locking the vehicle with the key
- after locking the vehicle using KEYLESS-GO

Tow-away protection is only primed when the following components are closed:

- Doors
- Tailgate

Tow-away protection is automatically deactivated:

- after pressing the [🔓] or [🚨] button on the key
- after pressing the start/stop button with the key in the stowage compartment (→ page 172)
- after unlocking the vehicle using KEYLESS-GO
- when using HANDS-FREE ACCESS

Information on collision detection on a parked vehicle (→ page 226).

Priming/deactivating tow-away protection

Multimedia system:

→ [⌂] ▸▸ Settings ▸▸ Quick access

▶ Prime or deactivate Tow-away protection.

Tow-away protection is primed again in the following cases:

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

ⓘ If quick access is unavailable, select the Vehicle submenu in the Settings main menu to prime or deactivate tow-away protection.

Function of interior protection

When interior protection is primed, a visual and audible alarm is triggered if movement is detected in the vehicle interior.

Interior protection is primed automatically after approximately ten seconds:

- after locking the vehicle with the key
- after locking the vehicle using KEYLESS-GO

Interior protection is only primed when the following components are closed:

- Doors
- Tailgate

Interior protection is automatically deactivated:

- after pressing the or button on the key
- after pressing the start/stop button with the key in the stowage compartment (→ page 172)
- after unlocking the vehicle using KEYLESS-GO
- when using HANDS-FREE ACCESS

The following situations can lead to a false alarm:

- when there are moving objects suchas mascots in the vehicle interior
- if a side window is open
- if the panoramic sunroof is open

Priming/deactivating interior protection

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Quick access

▶ Prime or deactivate Interior motion sensor.

Interior protection is primed again in the following cases:

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

ⓘ If quick access is unavailable, select the Vehicle menu under Settings to prime or deactivate interior protection.

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 airbag as possible, taking the following points into consideration:
- You are sitting in an upright position
- Your thighs are slightly supported by the seat cushion
- Your legs are not fully extended and you can depress the pedals properly
- The back of your head is supported at eye level by the centre 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's display clearly
- You have a good overview of the traffic conditions
- Observe the notes on correctly fastening the seat belt .

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 stabilise the seating position or to assist in getting in and out of the seat.

Seats

Adjusting the front seat mechanically (without Seat Comfort Package)

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 key with you and lock the vehicle.

▶ Never leave children unattended in the vehicle.

This also applies to the Digital Vehicle Key.

WARNING Risk of becoming trapped during seat adjustment

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

▶ Make sure when adjusting a seat that no one has any body parts in the sweep of the seat.

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

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

The driver's seat may move unexpectedly while driving.

This could cause you to lose control of the vehicle.

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

WARNING Risk of accident due to adjusting 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 fitted 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 fitted.
- Before driving off, make sure for every vehicle occupant that the centre of the head restraint supports the back of the head at about eye level.

Do not interchange the head restraints of the front and rear seats. Otherwise, you will not be able to adjust the height and angle of the head restraints correctly.

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 incorrect seat position

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

In particular, you may slip under the seatbelt and injure yourself.

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

⚠ 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.

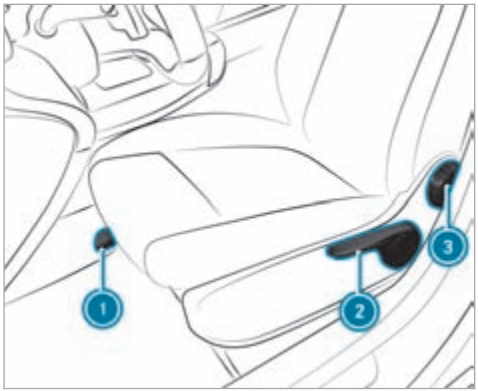
- Use the grab handles only to stabilise the seating position or to assist in getting in and out of the seat.

⚠ 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 airbag 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.

Adjusts the seat fore-and-aft position



- Lift lever (1) and slide the seat into the desired position.
- Make sure that the seat is engaged.
- **To adjust the seat height:** push or pull lever (2) until the desired position has been reached.
- **To adjust the seat backrest inclination:** turn handwheel (3) forwards and backwards until the desired position has been reached.

Adjusting the front seat mechanically (with Seat Comfort Package)

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 key with you and lock the vehicle.
- Never leave children unattended in the vehicle.

This also applies to the Digital Vehicle Key.

WARNING Risk of becoming trapped during seat adjustment

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

- Make sure when adjusting a seat that no one has any body parts in the sweep of the seat.

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

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

The driver's seat may move unexpectedly while driving.

This could cause you to lose control of the vehicle.

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

WARNING Risk of accident due to adjusting 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 fitted 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 fitted.
- Before driving off, make sure for every vehicle occupant that the centre of the head restraint supports the back of the head at about eye level.

Do not interchange the head restraints of the front and rear seats. Otherwise, you will not be able to adjust the height and angle of the head restraints correctly.

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 incorrect seat position

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

In particular, you may slip under the seatbelt and injure yourself.

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

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.

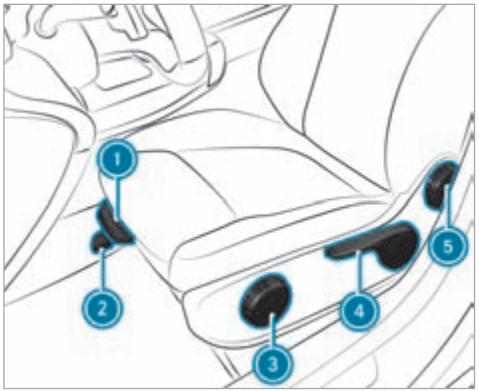
- Use the grab handles only to stabilise the seating position or to assist in getting in and out of the seat.

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 airbag 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.

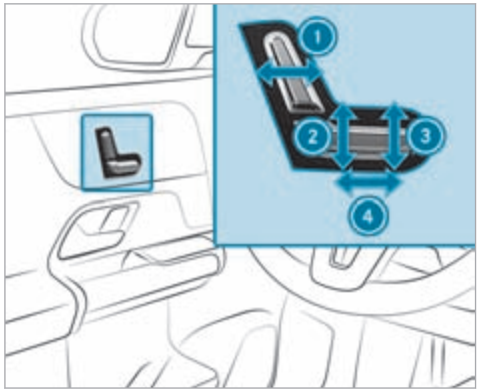
Adjusts the seat fore-and-aft position



- Lift lever (2) and slide the seat into the desired position.
- Make sure that the seat is engaged.
- **To adjust the seat cushion length (driver's seat only):** lift lever (1) and slide the front section of the seat cushion forwards or backwards.
- **To adjust the seat cushion inclination:** turn handwheel (3) forwards and backwards until the desired position has been reached.
- **To adjust the seat height:** push or pull lever (4) until the desired position has been reached.
- **To adjust the seat backrest inclination:** turn handwheel (5) forwards and backwards until the desired position has been reached.

Adjusting the front seat electrically

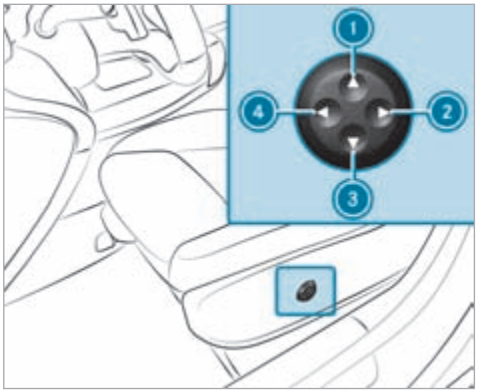
You can adjust the seats when the vehicle is switched off.



1 Seat backrest inclination
2 Seat height
3 Seat cushion inclination
4 Seat fore-and-aft position

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

Adjusting the 4-way lumbar support



1 Higher
2 Softer
3 Lower
4 Firmer

► Use buttons 1 to 4 to adjust the contour of the backrest.

Adjusting rear seats mechanically

⚠ WARNING Risk of becoming trapped when adjusting the seats

When you adjust a seat, you may trap yourself or a vehicle occupant.

► When adjusting a seat, make sure that no one has any body parts in the sweep of the seat.

⚠ WARNING Risk of accident if the seat and seat backrest are not engaged

The seat and seat backrest can fold forwards.

There is a risk of the following, in particular:

- The vehicle occupant may be pressed against the seat belt. The seat belt cannot protect as intended and could cause additional injury.
- A child restraint system will no longer be properly supported or positioned and will no longer fulfil its function as intended.

- The seat backrest will not be able restrain objects or goods in the load compartment.

Always ensure that the seat and seat backrest are engaged, in particular:

- Before persons travel in the vehicle while sitting on a seat with the easy entry and exit feature
- After the seat has been adjusted.
- After the easy entry and exit feature has been used
- After the load compartment enlargement has been folded forwards

⚠ WARNING Risk of injury from adjusting the rear seats while driving

You or other vehicle occupants could become trapped and thereby injured.

▶ Adjust the rear seats before starting the vehicle.

! NOTE Damage caused by objects in the footwell or behind the rear seats

When adjusting the fore-and-aft position, the rear seats and/or the object can be damaged.

▶ Stow objects in a suitable place.

This function is available only for vehicles with a movable rear bench seat.

The components of the rear bench seat can be moved. You can move the right-hand and left-hand parts together with the centre part independently of each other.



▶ Lift release handle (1) and slide the corresponding part of the bench seat into the desired position.

▶ Let go of release handle (1).

▶ Make sure that the seat is engaged.

Adjusting the rear seat backrests mechanically

WARNING Risk of becoming trapped if the seat is not engaged

The seat does not engage when folded forwards. The seat can fold backwards unexpectedly, e.g. when accelerating, braking or in the event of an abrupt change of direction or an accident.

People in the seat's sweep can become trapped.

- If a seat is folded forwards, always fold it back before driving off.
- Make sure that the seat is engaged.

Requirements:

- The area into which the seat is folded is clear.

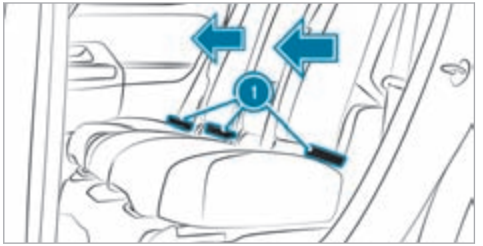
Adjusting the seat backrest

You can fold the seat backrests on the second row of seats forwards for the following situations:

- For easier access to the luggage compartment

You can set the seat backrest to different angles.

If you no longer require the seat backrest to be folded down for getting in and out, fold it back into place.



- Hold the seat backrest in place with your hand or back.
- Gently pull one of release loops (1) and fold the seat backrest forwards or backwards.
- Ensure that the seat backrest is engaged.

Head restraints

Adjusting the front seat head restraints manually

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.

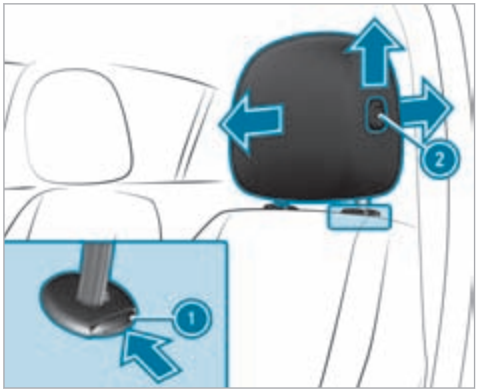
⚠ **WARNING** Risk of injury due to head restraints not being fitted or being adjusted incorrectly

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 fitted.
- Before driving off, make sure for every vehicle occupant that the centre of the head restraint supports the back of the head at about eye level.

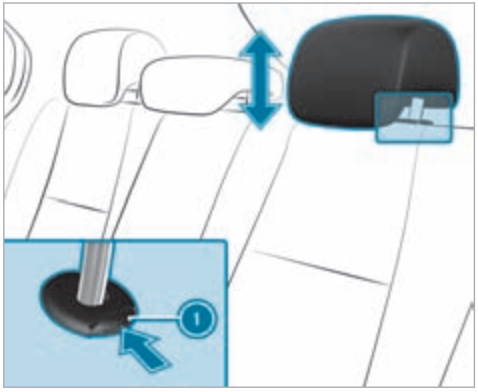
Do not interchange the head restraints of the front and rear seats. Otherwise, you will not be able to adjust the height and angle of the head restraints correctly.

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



- **To raise:** pull the head restraint up.
- **To lower:** press release knob 1 in the direction of the arrow and push the head restraint down.
- **To move the driver's head restraint forwards:** press release knob 2 and pull the head restraint forwards.
- **To move the driver's head restraint backwards:** press release knob 2 and push the head restraint backwards.

Adjusting the head restraints of the rear seats manually

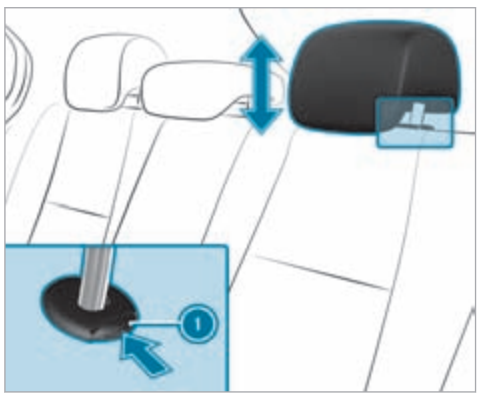


- **To raise:** pull the head restraint up.

- **To lower:** press release knob ① in the direction of the arrow and push the head restraint down.
- **If the centre seat on the second row of seats is not occupied:** press the head restraint down all the way.

Fitting/removing the rear seat head restraints

Removing



- Release the rear seat backrest and fold it forwards slightly (→ page 123).
- Pull the head restraint upwards as far as it will go.
- Push release knob ① in the direction of the arrow and pull out the head restraint.

Fitting

- Insert the head restraint such that the notches on the bar are on the left when viewed in the direction of travel.
- Push the head restraint down until it engages.
- Fold the rear seat backrest back until it engages.

Configuring the seat settings

Multimedia system:

→ ⌂ ▸▸ Comfort ▸▸ Seat comfort

Adjusting the backrest contour in the lumbar region of the seat backrest (lumbar)

- Select Lumbar.
- Select the settings ☼ for the desired seat.
- Adjust the air cushions.

Adjusting the backrest side bolsters

- Select Side bolsters.
- Adjust the air cushions for the desired seat.

Selecting the massage programme for the front seats

Multimedia system:

→ ⌂ ▸▸ Comfort ▸▸ Massage

- Select Wave Massage or Pulsating Massage.
- Start the programme for the desired seat ▶.
- **To set the massage intensity: switch** High intensity on or off .

Resetting seat settings

Multimedia system:

→ ⌂ ▸▸ Comfort ▸▸ Seat comfort

- Select ↩ for the desired seat.
- Confirm the prompt.

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.

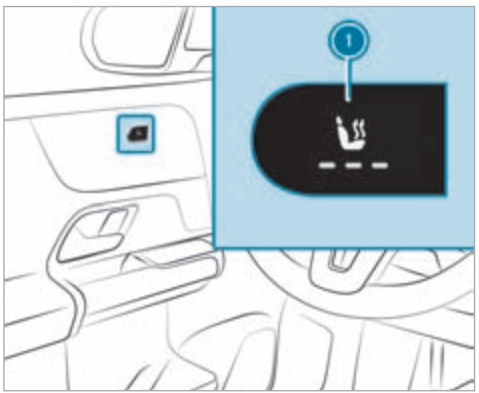
NOTE Damage to the seats caused by objects or documents when the seat heater is switched on

When the seat heater 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 heater 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.

The seat heating will automatically switch down from the three heating levels after 8, 10 and 20 minutes until the seat heating switches off.

Switching the seat ventilation on/off

Requirements:

- The power supply is switched on.



▶ Press button (1) 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.

Steering wheel

Adjusting the steering wheel manually

⚠ 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.

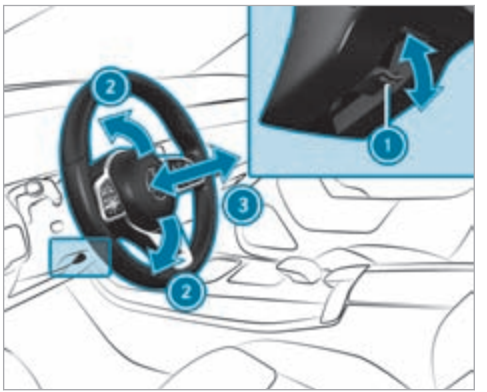
⚠ WARNING Risk of entrapment for children when adjusting the steering wheel

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.

Unlocking



▶ Fold release lever (1) down as far as it will go.

▶ Adjust height ② and distance ③ to the steering wheel.

Locking

▶ Fold release lever ① up as far as it will go.

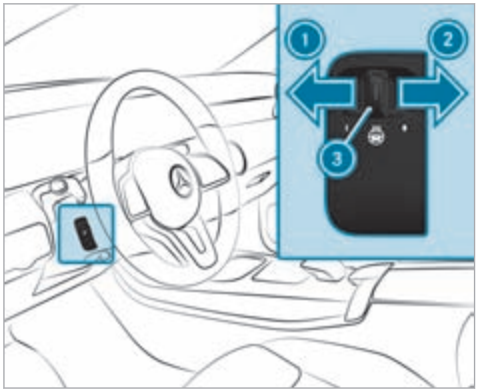
▶ Check and make sure that the steering column is locked by moving the steering wheel.

Switching the steering wheel heater on/off

Depending on the vehicle version, the steering wheel heating can be switched on and off using a switch on the steering wheel.

Requirements

- The vehicle is switched on.



▶ Push the switch into position ① or ②. If indicator lamp ③ lights up, the steering wheel heater is switched on.

When you switch the vehicle off, the steering wheel heater will switch off.

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 during adjustment of the easy entry and exit feature

You and other vehicle occupants could become trapped.

▶ Ensure that no-one has any body parts in the range of movement of the seat.

If there is a risk of becoming trapped by the driver's seat:

▶ Press the seat adjustment switch. The adjustment process will be stopped.

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.

When the easy entry and exit feature is active, the driver's seat will move backwards and the backrest will be moved to a steeper position when:

- 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 driver's seat will then move backwards only if it is not already at the rear of the seat adjustment range.
The seat backrest will then move forwards only if it is not already at the front of the backrest adjustment range.

The driver's seat will move back to the last drive position when:

- You switch 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:

- You switch off the vehicle.
- You call up the seat settings via the memory function.
- You save the seat settings via the memory function.

Setting the easy entry and exit feature

Multimedia system:

Settings » Vehicle » Automatic seat adjustment » Easy Entry/Exit

- Activate or deactivate the function.

Memory function

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 adjustment process of the memory function, make sure that no one has any body parts in the sweep of the seat.
- If someone becomes trapped, press a preset position button or seat adjustment switch immediately.

⚠ **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.

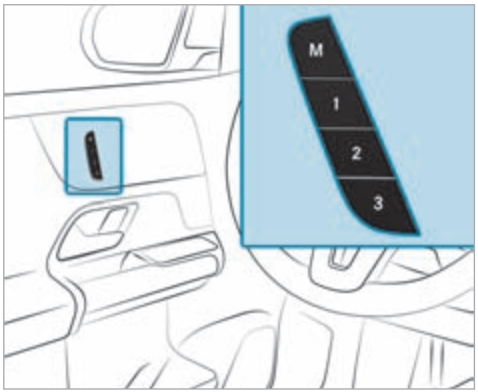
You can use the memory function when the vehicle is switched off.
Seat adjustments for up to three people can be stored and called up using the memory function.

You can save settings for the following systems:

- Seat
- Seat contour
- Outside mirrors
- Head-up display

Operating the memory function

Storing



- Set the desired position for all systems.
- Briefly press memory button M and then press preset position 1, 2 or 3 within three seconds.

- **To call up:** press and briefly hold one of preset position buttons 1, 2 or 3. After releasing the button, all systems are moved into the stored position.

Stowage areas

Notes on loading the vehicle

DANGER Risk of poisoning from exhaust gases

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

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

Objects in the deployment area of an airbag may prevent the airbag from functioning correctly. Observe the notes on protection provided by the airbag .

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 stowage spaces and mobile phone brackets cannot always retain all objects they contain.

There is a risk of injury, particularly in the event of braking manoeuvres or abrupt changes 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, luggage nets or stowage nets.
- Close the lockable stowage spaces before starting a journey.
- Stow and secure objects that are heavy, hard, pointed, sharp-edged, fragile or too large in the load compartment.

WARNING Risk of accident from objects in the driver's footwell and front-passenger footwell

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

This jeopardises 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 or front-passenger footwell.
- Always fit the floor mats securely and as prescribed in order to ensure that there is always sufficient clearance for the pedals.
- Do not use loose floor mats and do not lay multiple floor mats on top of one another.

Vehicles with automatic front-passenger airbag shutoff: objects trapped under the front-passenger seat may interfere with the function of the automatic front-passenger airbag shutoff or damage the system. Please observe the notes on the function of the automatic front -passenger airbag shutoff (→ page 48).

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

The cup holder cannot hold a container secure while the vehicle is in motion.

If you use a cup holder while the vehicle is in motion, the container may be flung around and liquids could 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.
- Always close the container, particularly if the liquid is hot.

! NOTE Damage to the cup holder

The cup holder can be damaged when folding back the rear seat armrest. When open, the cup holder can be damaged by body weight.

- The rear seat armrest can only be folded back when the cup holder is closed.
- Do not sit or support yourself on the cup holder when it is open.

! NOTE Damage to the rear armrest due to body weight

When folded out, the rear armrest can be damaged by body weight.

- Do not sit or support yourself on the rear seat armrest.

⚠ WARNING Risk of injury due to an open load compartment floor

If you drive with the load 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 load compartment floor before a journey.

⚠ 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.

ⓘ Leather is a natural product. It exhibits natural surface properties such as differences in structure, marks caused by growth and injury or subtle colour differences. These surface properties are characteristics of leather and not material faults. Leather is also subject to a natural ageing process during which the surface properties change.

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:

- Do not exceed the permissible total mass or the permissible axle loads of the vehicle (including load and occupants).

  information can be found on the vehicle identification plate (→ page 411).
- The load must not protrude above the upper edge of the seat backrests.
- Always use the partition net when transporting objects in the load compartment.
- Always place the load behind unoccupied seats if possible.
- Secure the load using the lashing eyelets and distribute the load evenly.

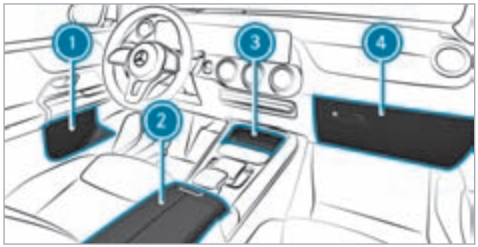
Notes on driving with a roof load

- Distribute the roof load and the load inside the vehicle evenly, placing heavy objects at the bottom. Also comply with the notes on loading the vehicle.
- Drive attentively, and avoid abrupt starts, braking and steering as well as rapid cornering.
- When transporting roof loads and when the vehicle is fully loaded or fully occupied, select drive programs E and C. These are designed to focus on stability (→ page 186).

ⓘ For more information on stowage compartments and stowage areas, please refer to the Digital Operator's Manual.

Stowage spaces in the vehicle interior

Overview of the front stowage compartments



1. Stowage spaces in the doors
2. Stowage compartment in the armrest with a multimedia and USB connection
3. Stowage compartment in the front centre console with a USB port
4. Glove compartment

Through-loading feature in the rear bench seat (EASY-PACK Quickfold)

Folding the rear seat backrest forwards

WARNING Risk of becoming trapped when adjusting the seats

When you adjust a seat, you may trap yourself or a vehicle occupant.

- When adjusting a seat, make sure that no one has any body parts in the sweep of the seat.

WARNING Risk of accident if the rear bench seat, rear seat and seat backrest are not engaged

The rear bench seat, rear seat and seat backrest may fold forwards, even while the vehicle is in motion.

- As a result, the vehicle occupant will be pressed into the seat belt with increased force. The seat belt will not be able to protect as intended and could cause additional injury.
- Objects or loads in the boot or load compartment cannot be restrained by the seat backrest.

- Make sure that the rear bench seat, the rear seat and the seat backrest are engaged before every trip.

If the seat backrests are not engaged and locked in place, the lock verification indicator will be red.

Always ensure that all vehicle occupants have their seat belts fastened correctly and are sitting properly. Particular attention must be paid to children.

If you no longer require the folded-down seat backrest as a loading area, fold the backrest back into place.

Requirements:

- The area into which the seat backrest is folded is clear.
- To fold the centre seat backrest forwards: the centre seat backrest has been unlocked.

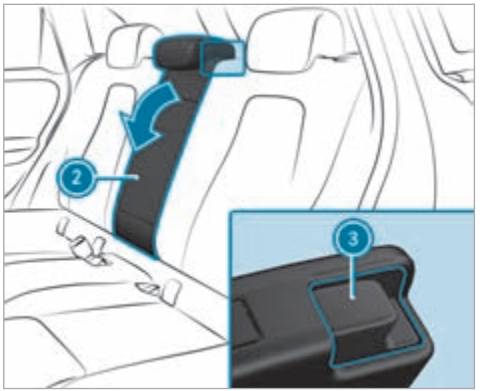
- The armrest on the second row of seats is folded back and the cup holders are empty.

Folding the left and right seat backrests forwards
You can fold the centre and outer seat backrests forwards.



- If necessary, fully insert the seat backrest head restraints (→ page 113).
- Pull release lever (1).

Folding the centre seat backrest forwards



- Pull release catch (3) for seat backrest (2) forwards.
- Fold the corresponding seat backrest forwards.

Folding back the rear seat backrest

⚠ WARNING Risk of becoming trapped when adjusting the seats

When you adjust a seat, you may trap yourself or a vehicle occupant.

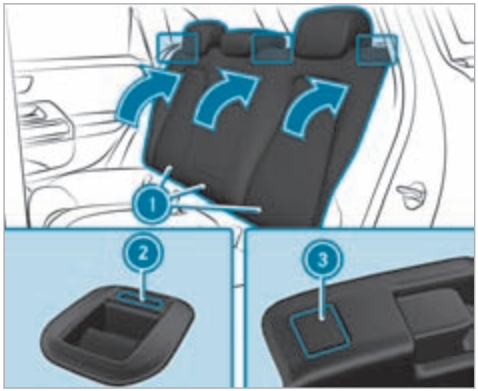
- When adjusting a seat, make sure that no one has any body parts in the sweep of the seat.

! NOTE Damage caused by trapping the seat belt when folding back the seat backrest

The seat belt could become trapped and thus be damaged when the seat backrest is folded back.

- Make sure that the seat belt is not trapped when folding back the seat backrest.

- Move the driver's or front passenger seat forwards, if necessary.



▶ Fold corresponding seat backrest (1) back until it engages.

Vehicles without a movable rear bench seat: if a seat backrest in the rear passenger compartment is not engaged and locked in place, red lock verification indicator (2) or (3) will be visible.

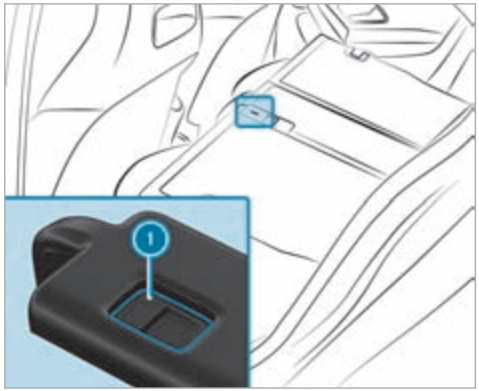
Vehicles with a movable rear bench seat: if the centre seat backrest in the rear passenger compartment is not engaged and locked in place, red lock verification indicator (3) will be visible. The outer seat backrests lock automatically when they are not folded down.

Locking the release catch of the centre rear seat backrest

Requirements

- The left and centre seat backrests are engaged and joined together.

You can lock the centre seat backrest. The centre seat backrest can then be folded forwards only together with the left seat backrest.



▶ Fold the centre and left seat backrests forwards.

▶ **To lock or unlock:** slide catch (1) upwards or downwards.

Adjusting the angle of the rear seat backrests

WARNING Risk of an accident because the rear bench seat and the seat backrest are not engaged

The rear bench seat and seat backrest may fold forwards, even when you are driving.

- As a result, the vehicle occupant will be pushed into the seat belt with increased force. The seat belt cannot protect as intended and could cause additional injury.
- Objects or loads in the boot or load compartment will not be restrained by the seat backrest.

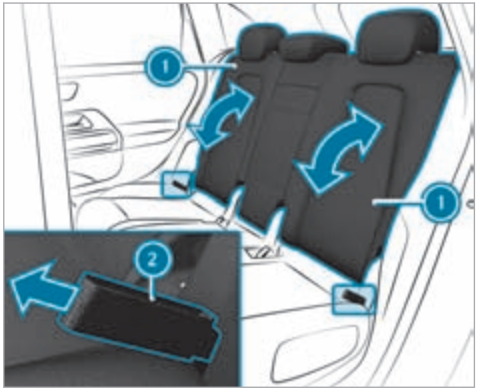
▶ Before each journey, make sure that the rear bench seat and seat backrest are fully engaged as described.

For vehicles with longitudinally adjustable rear seats, you can also adjust the angle of the rear seat backrests. There are several possible detent positions.

NOTE Damage to the release loops due to the attachment of objects

The release loops of the seat backrests in the rear may be damaged due to the attachment of objects.

▶ Only attach objects to the tie-down eyes.



▶ Pull right or left release loop (2) forwards in the direction of the arrow. Corresponding seat backrest (1) will be unlocked.

▶ Move seat backrest (1) to the desired angle.

▶ Let go of release loop (2).

▶ Ensure that the seat backrest is engaged.

Vehicles without a movable rear bench seat: if a seat backrest in the rear passenger compartment is not engaged and locked in place, the red lock verification indicator will be visible.

Vehicles with a movable rear bench seat: if the centre seat backrest in the rear passenger compartment is not engaged and locked in place, the red lock verification indicator will be visible. The outer seat backrests lock automatically when they are not folded down.

Load compartment cover

Installing and removing the load compartment cover

WARNING Risk of injury or death due to poorly secured objects

The load compartment cover alone cannot secure or restrain heavy objects, items of luggage or heavy loads.

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

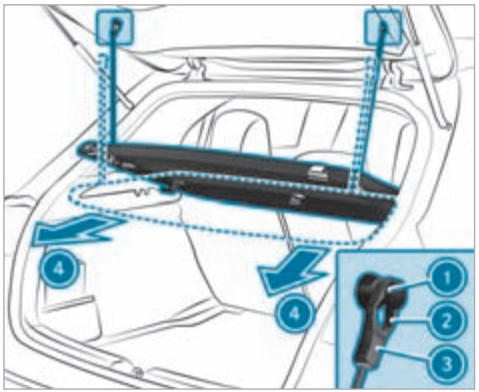
- Always stow objects in such a way that they cannot be thrown around.
- Secure objects, luggage or loads against slipping or tipping over, e.g. by using lashing material, even if you are using the load compartment cover.

Requirements

- Do not load the load compartment cover with more than 2.5 kg.

Removing

ⓘ Please note that the load compartment cover must not be pushed further upwards when the tailgate is open.



- Pull hanger ③ on the tailgate upwards out of eyelet ① and unhook it.
- Swivel the load compartment cover downwards and pull it evenly out of the guide rails on the right and left in the direction of arrow ④.

Fitting

- Place the load compartment cover on the guide rails on the left and right.
- Slide the load compartment cover forwards evenly in the guide rails on the right and left with both hands until it engages.
- Swivel the load compartment cover upwards and hook hanger ③ through eyelet ②.
- Pull hanger ③ downwards into eyelet ① until it engages.

ⓘ Please ensure that the load compartment cover is lying flat on the guide rails on the right and left when the tailgate is closed.

Attaching/removing the partitioning net

WARNING Risk of injury or death due to poorly secured objects

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

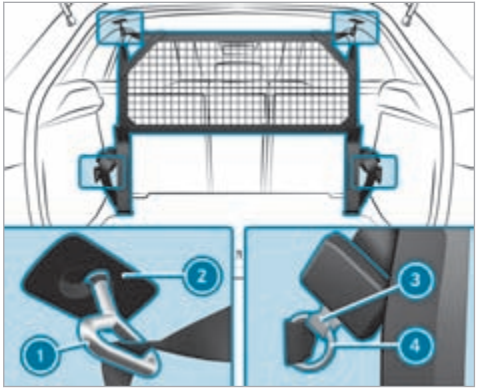
You could be hit by an unsecured load, particularly in the event of abrupt changes in direction, sudden braking or an accident.

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

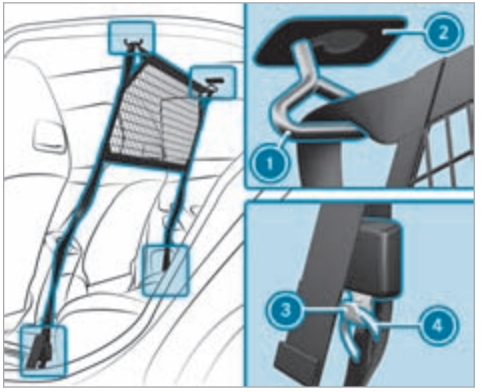
For safety reasons, always use a partitioning net when transporting a load.

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

Attaching



Partitioning net without load compartment enlargement

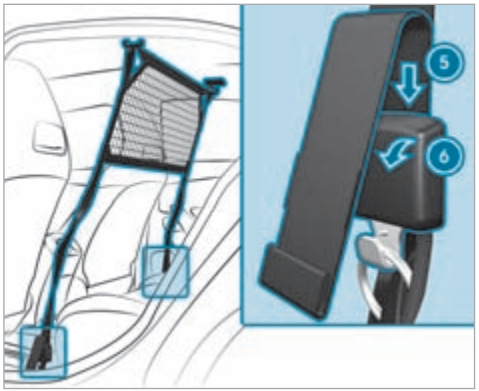


Partitioning net with load compartment enlargement

- Hook partition net (1) into holders (2) on the left and right on the roof lining.
- Without load compartment enlargement: attach hooks (3) to tie-down eyes (4) on the left and right in such a way that hooks (3) point backwards.

- With load compartment enlargement: attach hooks (3) to tie-down eyes (4) on the left and right in such a way that hooks (3) point to the door.
- Pull on the loose ends of the lashing straps at the same time until the partitioning net (1) is tight and the top edge of partitioning net (1) is horizontal.

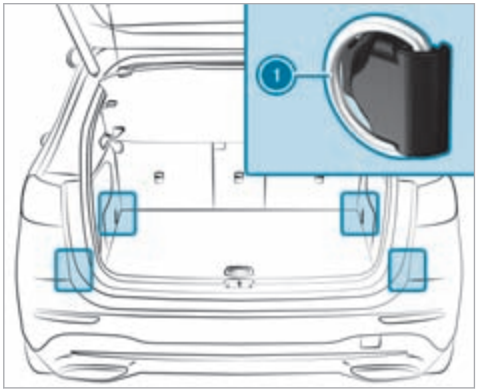
Removing



- Turn the buckle of the lashing strap in the direction of arrow (6).
- Slide the loose end of lashing strap into the buckle in the direction of arrow (5) until the lashing straps are loose.
- Remove hooks (3) from tie-down eyes (4) on the left and right.
- Remove partitioning net (1) from brackets (2) on the roof lining on the left and right.

Overview of the tie-down eyes

Observe the notes on loading the vehicle (→ page 120).



(1) Tie-down eyes (vehicles with through-loading feature in the rear bench seat)

Overview of bag hooks

WARNING Risk of injury when using bag hooks with heavy objects

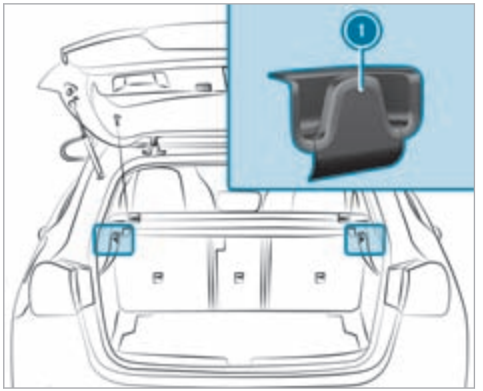
The bag hooks cannot restrain heavy objects or items of luggage.

Objects or items of luggage may be flung around and hit vehicle occupants.

- Only hang light objects on the bag hooks.
- Never hang hard, sharp-edged or fragile objects on the bag hooks.

Observe the notes on loading the vehicle (→ page 120).

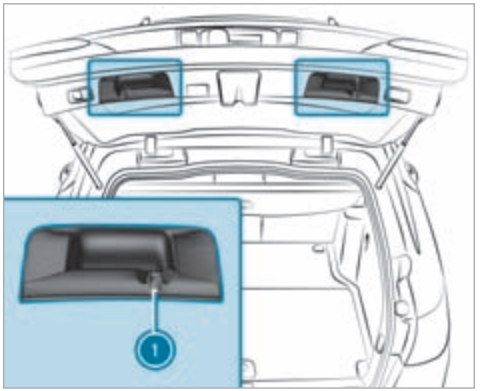
Subject the bag hooks to a maximum load of 3 kg and do not attach any goods to them.



1 Bag hook

Overview of clothes hooks on the tailgate

Observe the notes on loading the vehicle (→ page 120).



1 Clothes hook

The clothes hooks are not suitable for hanging heavy objects as this can cause the tailgate to lower automatically. Use the clothes hooks only for light objects such as jackets.

Attaching the luggage net

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 brackets cannot always retain all objects they contain.

There is a risk of injury, particularly in the event of braking manoeuvres or abrupt changes 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, luggage nets or stowage nets.
- Close the lockable stowage spaces before starting a journey.
- Stow and secure objects that are heavy, hard, pointed, sharp-edged, fragile or too large in the load compartment.

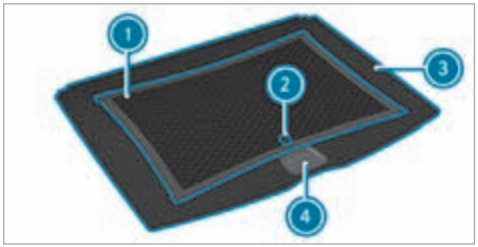
Observe the notes on loading the vehicle.

WARNING Risk of injury due to an open load compartment floor

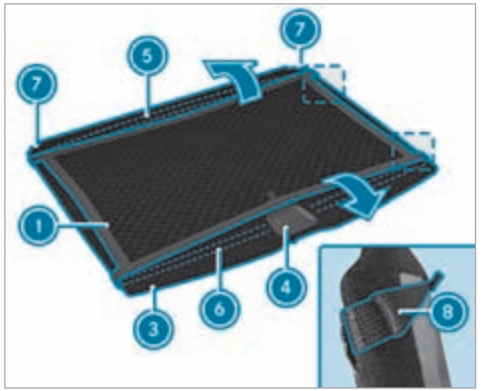
If you drive with the load compartment floor open, objects could be flung around and hit vehicle occupants as a result. There is a risk of injury, particularly in the event of sudden braking or a sudden change in direction.

- Always close the load compartment floor before a journey.

- Lift the load compartment floor upwards using the handle, remove it from the load compartment and put it down on a clean surface.



- Align luggage net (1) on load compartment floor (3) so that strap (2) is positioned at handle (4) and points upwards.



- ▶ Pull rubber sections (5) and (6) over load compartment floor (3) as shown.
- ▶ Align luggage net (1) so that
  - rubber section (5) runs underneath recesses (7) and beads (8) on the left and right are placed on the lower edge of load compartment floor (3).
  - rubber section (6) runs above handle (4) and beads (8) on the left and right are placed on the lower edge of load compartment floor (3).

ⓘ Ensure that the luggage net does not block the locking mechanism of the load compartment floor.

- ▶ Close the load compartment floor.

Adjusting the load compartment floor

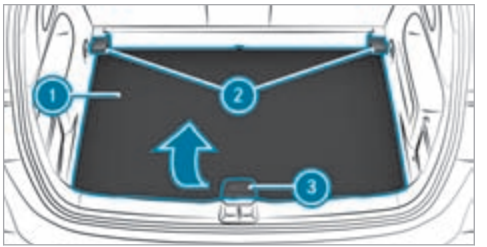
To adjust the height

! **NOTE** Damage to the load compartment floor due to loading in the upper position with the mounting bracket removed.

The load compartment floor may be damaged if it is loaded in the upper position and the mounting bracket has been removed.

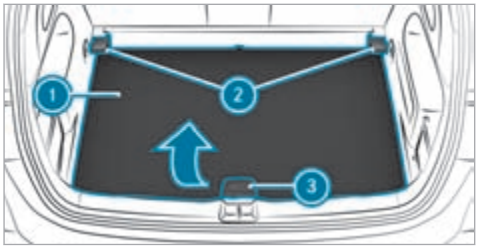
- ▶ Make sure that the load compartment floor is not loaded in the upper position when the mounting bracket is removed.

The load compartment can be made larger or smaller depending on requirements. To this end, you can lock the load compartment floor at two different heights. The higher position provides a flat surface when the rear seat backrests are folded forward. Furthermore, you can remove a mounting bracket at the rear to create additional space lengthways.



- ▶ Lift load compartment floor (1) (in the bottom position in the example) only slightly using handle (3) and pull it towards you.
- ▶ Insert load compartment floor (1) into rear fixtures (2).
- ▶ Fold load compartment floor (1) down.

Adjusting the length



- Lift load compartment floor (1) (in the bottom position in the example) only slightly using handle (3) and pull it towards you.
- Insert load compartment floor (1) into rear fixtures (2).
- Fold load compartment floor (1) down.

Attaching a roof luggage rack

WARNING Risk of accident due to exceeding the maximum roof load

The vehicle centre of gravity and the usual driving characteristics as well as the steering and braking characteristics alter.

If you exceed the maximum roof load, the driving characteristics, as well as steering and braking, will be greatly impaired.

- Never exceed the maximum roof load and adjust your driving style.

You will find information on the maximum roof load in the "Technical data" section.

NOTE Damage to the vehicle due to not observing the maximum permitted headroom clearance

If the vehicle height is greater than the maximum permitted headroom clearance, the roof and other parts of the vehicle may be damaged.

- Observe the signposted headroom clearance.
- If the vehicle height is greater than the permitted headroom clearance, do not enter.
- Observe the changed vehicle height with add-on roof equipment.

NOTE Damage to the panorama sliding sunroof due to non-approved roof luggage racks

The panorama sliding sunroof may be damaged by the roof luggage rack if you attempt to open it when using a roof luggage rack not tested and approved for Mercedes-Benz.

- When a roof luggage rack is fitted, open the panorama sliding sunroof only if this has been tested and approved for Mercedes-Benz.

The panorama sliding sunroof may be raised to allow ventilation of the vehicle interior.

Notes on driving with a roof load

- Evenly distribute the roof load, and place heavy objects at the bottom. Also comply with the notes on loading the vehicle (→ page 120).
- Drive attentively, and avoid suddenly pulling away, braking and steering as well as rapid cornering.
- When transporting roof loads and when the vehicle is fully loaded or fully occupied, select drive programs E and C. These are designed to focus on stability (→ page 186).

▶ Secure the roof luggage rack to the roof railing.

▶ Observe the manufacturer's installation instructions.

Sockets

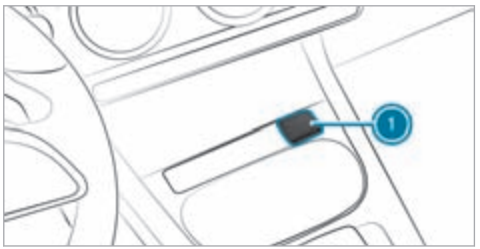
Using the 12 V socket

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 centre console
- In the load compartment



Example: 12 V socket in the stowage compartment in the front centre console

▶ Fold up socket cap 1.

▶ Insert the plug of the device.

12 V socket in the stowage compartment with cover: if you have connected a device to the 12 V socket, leave the cover of the stowage compartment open.

Using the 115 V socket in the rear passenger compartment

⚠ **DANGER** Risk of fatal injuries due to a damaged connecting cable or a damaged socket

You could receive an electric shock if the connecting cable or the 115 V power socket is pulled out of the trim or is damaged or wet.

▶ Use only connecting cables that are dry and free of damage.

▶ When the vehicle is switched off, make sure that the 115 V power socket is dry.

▶ Immediately have the 115 V power socket checked or replaced at a qualified specialised workshop if it is damaged or has been pulled out of the trim.

▶ Never plug the connecting cable into a 115 V power socket that is damaged or has been pulled out of the trim.

DANGER Risk of death due to using the socket incorrectly

In particular, you could receive an electric shock:

- if you touch the inside of the socket
- if you insert unsuitable devices or objects into the socket

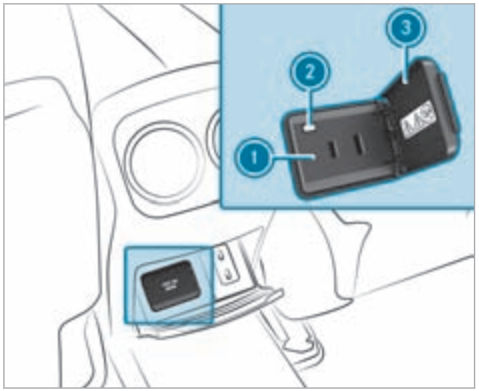
- Do not touch the inside of the socket.
- Only connect suitable devices to the socket.

Make sure that no liquids get into the 115 V socket.

When the 115 V socket is not in use, keep the socket flap closed.

Requirements

- The device is equipped with a suitable plug which conforms to the standards specific to the country you are in.
- A device up to a maximum of 150 W (1.3 A) is used.
- Do not use multiple socket outlets.



- Open socket flap (3).
- Insert the plug of the device into 115 V socket (1).
  When the on-board electrical system voltage is sufficient, indicator lamp (2) lights up.

USB port in the rear passenger compartment

Depending on the vehicle equipment, the design of the stowage compartment and the number of USB ports in the rear centre console may vary.

When the vehicle is switched on, you can charge a USB device, such as a mobile phone, at the USB port using a suitable charging cable.

Wireless charging of the mobile phone and connection with the exterior aerial

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, luggage 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 boot/load compartment.

Observe the notes on loading the vehicle.

⚠ **WARNING** Risk of fire from placing objects in the mobile phone stowage compartment

Placing other objects in the mobile phone stowage compartment could constitute a fire hazard.

- ▶ Apart from a mobile phone, do not place any other objects in the mobile phone stowage compartment, especially those made of metal.

! **NOTE** Damage to objects caused by placing them in the mobile phone stowage compartment

If objects are placed in the mobile phone stowage 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 stowage 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.

The following notes on wirelessly charging the mobile phone must be observed:

- Depending on the vehicle equipment, the mobile phone is connected to the vehicle's exterior aerial via the charging module.
- The charging function and wireless connection of the mobile phone to the vehicle's exterior aerial are only available 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 which do not rest flat in the mobile phone stowage compartment may not be able to be charged or connected with the vehicle's exterior aerial.
- The mobile phone may heat up during the charging process. This may particularly depend on the applications (apps) currently open in the background.
- To ensure more efficient charging and connection with the vehicle's exterior aerial, remove the protective cover from the mobile phone.

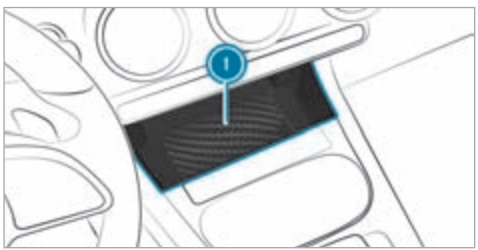
Protective covers which are necessary for wireless charging are an exception.

Charging a mobile phone wirelessly

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.



- Place the mobile phone as close to the centre of the marked surface on mat (1) as possible with the display facing upwards.
  When a message is shown in the multimedia system, the mobile phone is being charged.

  Malfunctions during the charging process are shown in the central display.

ⓘ The mat can be removed for cleaning, e.g. using clean, lukewarm water.

Stowage compartment without cover

Make sure the mobile phone is properly stored and secured to prevent it from falling out while you are driving.



- **To secure the mobile phone:** swing lever (2) out.

Radio equipment approval numbers for Brazil

This device operates on a secondary basis, that is to say it has no protection against harmful interference, not even from the same type of stations, and must not cause interference with systems operating on a primary basis.

This product is permitted in accordance with the procedure defined in Directive 242/2000 by the Brazilian telecommunications agency ANATEL and meets the applicable technical requirements.

Further information is available on the ANATEL website. www.anatel.gov.br

- Further information on the declaration of conformity for vehicle components which receive and/or transmit radio waves.

Fitting/removing the floor mats

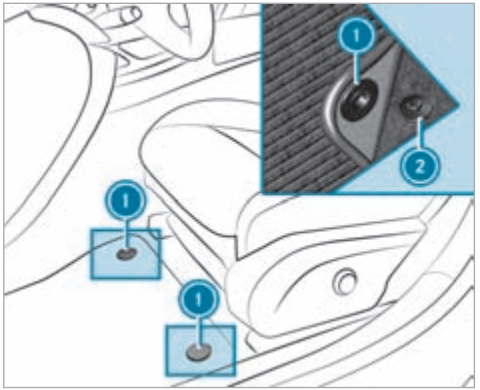
WARNING Risk of accident due to objects in the driver's footwell

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

This jeopardises the operating and road safety of the vehicle.

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

Fitting floor mats



- Slide the corresponding seat backwards and lay the floor mat in the footwell.
- Press studs (1) onto holders (2).
- Adjust the corresponding seat.

Removing floor mats

- Pull the floor mat off holders (2).
- Remove the floor mat.

Exterior lighting

Notes on changing the lights when driving abroad

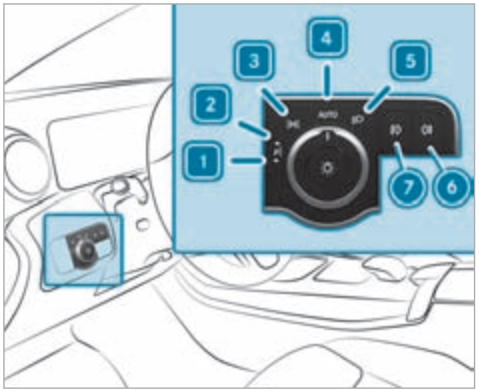
It is not necessary to adjust the headlamps. The legal requirements are also met in countries in which traffic drives on the other side of the road.

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 licence plate lighting
4 AUTO Automatic driving lights (preferred light switch position)
5 Low beam/high beam
6 Switches the rear fog light on/off.
7 Switches the front fog lamps on/off.

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 standing lights

Do not have the standing lights switched on over a period of several hours.

For vehicles that are wider than 2 m or longer than 6 m, single-sided parking lighting is not permitted in some countries. In this case, the standing lights are also switched on in the parking lights position.

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 surround lighting (→ page 147).

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 light conditions.

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

When the light switch is set to AUTO, the dipped 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:

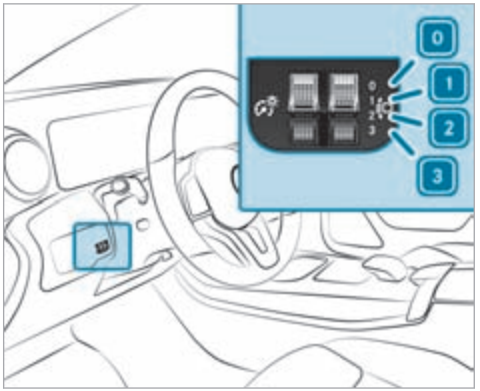
- The light switch is in the or AUTO position.

▶ Press button .

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

Regulating headlamp range (halogen headlamps)

The headlamp range adjuster allows you to adjust the cone of light from the headlamps in relation to the vehicle's load condition.



0 Driver's seat and front passenger seat occupied

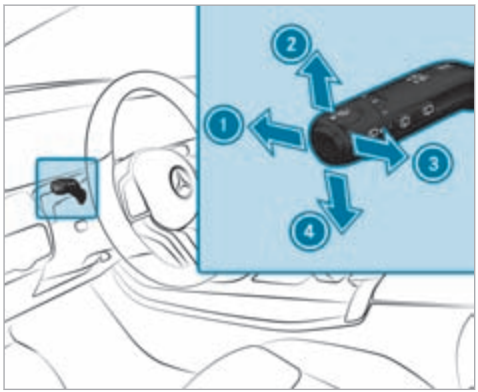
1 Driver's seat, front passenger seat and rear seats occupied

2 Driver's seat, front passenger seat and rear seats occupied, load compartment laden

3 Driver's seat and front passenger seat occupied and maximum permissible rear axle load utilised

- Turn the headlamp range adjuster to the position that corresponds to the load condition of your vehicle.

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 [≡D] or [AUTO] position.
- Push the combination switch in the direction of arrow 1.
  When high beam is activated, the indicator lamp for low beam [≡D] will be deactivated and replaced by the indicator lamp for high beam [≡D].

Switching off high beam

- Push the combination switch in the direction of arrow 1 or pull it in the direction of arrow 3.

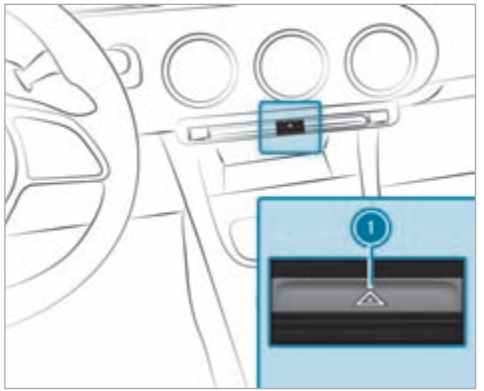
Headlamp flashing

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

Turn signal light

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

Activating/deactivating the hazard warning lights



► Press button 1.

The hazard warning lights will switch on automatically if:

- the airbag has been deployed.
- the vehicle is braked heavily from a speed of more than 70 km/h to a standstill.

When you pull away again, the hazard warning light system will switch off automatically at approximately 10 km/h. You can also switch off the hazard warning light system using button 1.

Adaptive functions, MULTIBEAM LED

Intelligent Light System function

The MULTIBEAM LED headlamps adapt to the driving and weather situation and provide extended functions for improved illumination of the road.

The system comprises the following functions:

- Active headlamps (→ page 142)
- Cornering light (→ page 143)
- Motorway mode (→ page 143)
- City lighting (→ page 143)
- Off-road light (→ page 143)

System limits

- The system is active only when it is dark.

Active headlamps function



- The headlamps follow the steering movements.
- Relevant areas are better illuminated during a journey.

The functions are active when the high beam is switched on.

Cornering light function



The cornering light improves the illumination of the carriageway 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 40 km/h when the turn signal light is switched on or the steering wheel is turned
- At speeds between 40 km/h and 70 km/h and when the steering wheel is turned

Roundabout and junction function: 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 roundabout or junction.

Motorway mode function

Motorway mode increases the range and brightness of the cone of light, enabling better visibility.



The function will be active if a motorway journey is detected by means of:

- the vehicle's speed
- the multifunction camera
- the GPS

The function is not active in the following cases:

- at speeds below 80 km/h

The city lighting function

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 off-road light

The off-road light improves illumination during off-road driving. The low beam is distributed symmetrically and across a wide angle. This makes it easier to find your way when driving off road and to detect obstacles at an early stage. The active headlamps will be deactivated during this time so that steering movements do not change the illumination.

The function is active when the low beam is switched on if you are not driving at a speed greater than 50 km/h and the (**Offroad**) drive program has been selected.

Switching the Intelligent Light System on/off

Requirements:
- The vehicle is switched on.

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Lights ▸▸ Intelligent Light System

▶ Activate or deactivate the function.

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 recognise other road users with their own lighting, or may recognise them too late.

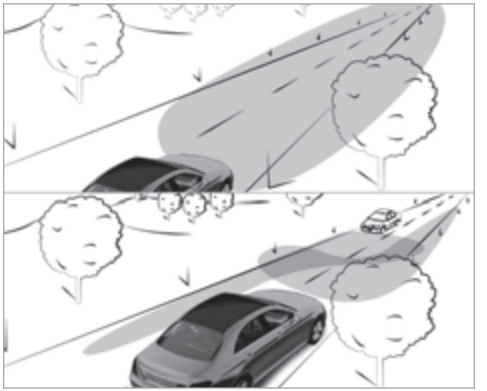
In these, or in similar situations, the automatic high beam will not be deactivated or will be activated despite the presence of other road users.

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

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

Detection may be restricted in the following cases:
- In poor visibility, e.g. fog, heavy rain or snow
- if there is dirt on the sensors or the sensors are obscured

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



Adaptive Highbeam Assist automatically switches between the following types of light:
- Low beam
- High beam

At speeds greater than 30 km/h:
- If no other road users are detected, high beam will switch on automatically.

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

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

ⓘ The system's optical sensor is located behind the windscreen 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 in the central display section of the instrument display.

Switching off

▶ Switch off high beam using the combination switch.

Adaptive Highbeam Assist Plus

Adaptive Highbeam Assist Plus function

⚠ **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 recognise other road users with their own lighting, or may recognise 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.

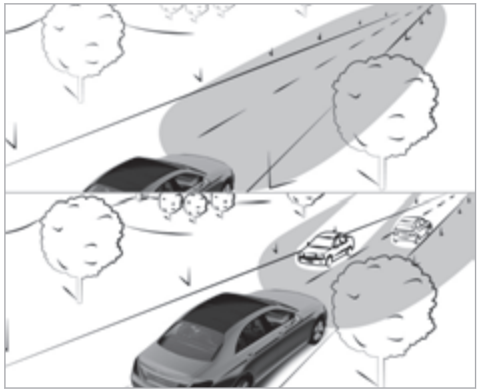
▶ Always observe the road and traffic conditions carefully and switch off the high beam in good time.

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 dirt 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 uses the high beam to shine past other road users rather than dazzling them.

The vehicle in front will be illuminated by the low beam.

At speeds greater than 30 km/h:

- If no other road users are detected, high beam will switch on automatically.
- If other road users are detected, partial high beam will switch on automatically.

At speeds below 25 km/h or when there is sufficient street lighting:

- The high beam will switch off automatically.
- The partial high beam will switch off automatically.

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

Switching Adaptive Highbeam Assist Plus on/off

Switching on

▶ Turn the light switch to the AUTO position.

▶ Switch on high beam using the combination switch.
When the high beam is switched on automatically in the dark, the indicator lamp will light up on the central display section of the instrument display.

Switching off

▶ Switch off high beam using the combination switch.

Setting the exterior lighting switch-off delay time

Requirements:

- The light switch is in the AUTO position.

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Lights ▸▸ Ext. light. del. sw. off

▶ Set the switch-off delay time.
When the vehicle's engine is switched off, the exterior lighting will be activated for the set time.

Switching the surround lighting on/off

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Lights ▸▸ Surround lighting

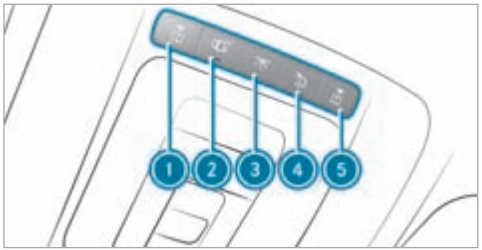
When Surround lighting is active, the exterior lighting lights up for 40 seconds after the vehicle is unlocked. When you start the vehicle, the surround lighting is deactivated and the automatic driving lights are activated.

▶ Activate or deactivate the function.

Interior lighting

Adjusting the interior lighting

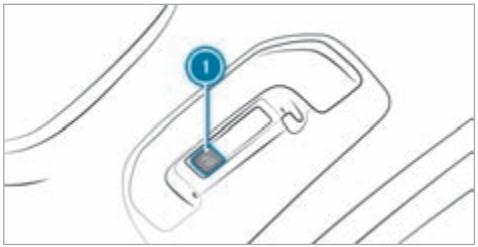
Front overhead control panel



1 Front left reading lamp
2 Automatic interior lighting control
3 Front interior lighting
4 Rear interior lighting
5 Front right reading lamp

▶ **To switch on or off:** press button 1 – 5 accordingly.

Control panel in the grab handle



1 Rear reading lamp

▶ **To switch on or off:** press the 1 button.

Adjusting the ambient lighting

Multimedia system:

→ ⌂ ▸▸ Comfort ▸▸ Ambient lighting

Setting the colour

▶ Select Colour.

▶ Set the desired colour.

Adjusting the brightness

- ▶ Select Brightness.
- ▶ Adjust the brightness.

Activating the brightness for zones

- ▶ Select Brightness.
- ▶ Select Brightness zones.
- ▶ Activate or deactivate the function.

or

- ▶ Set the brightness for the desired zones.

Activating multi-coloured lighting

- ▶ Select Colour.
- ▶ Select Multi-colour.
- ▶ Select a colour combination.

Activating multi-coloured animation

- ▶ Select Colour.
- ▶ Select Multi-colour animat..
  The chosen colour combination will change at predefined intervals.

Activating welcome lighting

- ▶ Select Colour.
- ▶ Select Welcome.
  When the vehicle is unlocked, a special ambient lighting sequence will run.

Activating dependency on air conditioning settings

- ▶ Select Colour.
- ▶ Select Climate.
  If changes are made to the temperature setting in the vehicle, the colour of the ambient lighting will change briefly.

Switching the interior lighting switch-off delay time on/off

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Lights ▸▸ Int. light. del. sw. off

- ▶ Switch the switch-off delay time on or off.
  When this function is active, the interior lighting lights up for a short time after the vehicle is locked.

Changing bulbs (only for vehicles with halogen headlamps)

Notes on changing bulbs

⚠ **WARNING** Risk of burns from hot component parts whilst replacing a bulb

Bulbs, lamps and plugs can become very hot during operation.

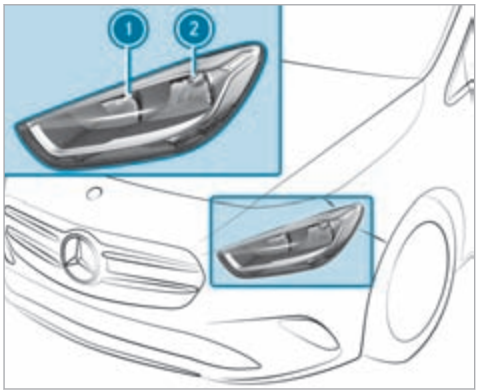
When replacing a bulb, you could burn yourself on these component parts.

- ▶ Allow the component parts to cool down before replacing the bulb.

- Do not use an illuminant if it has been dropped or if its glass has been scratched. The illuminant may otherwise explode.
- Do not touch the glass bulb with your bare hands.
- Protect illuminants from moisture and do not allow them to come into contact with liquids.

Overview of the bulbs to be changed

Halogen headlamps

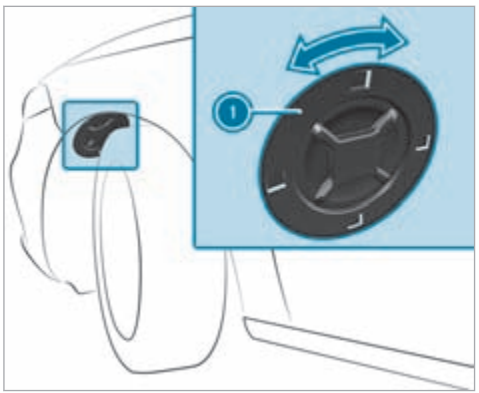


① High beam: H7 55 W bulb
② Low beam: H7 55 W bulb

Changing the front bulbs (vehicles with halogen headlamps)

Fitting/removing the cover in the front wheel arch

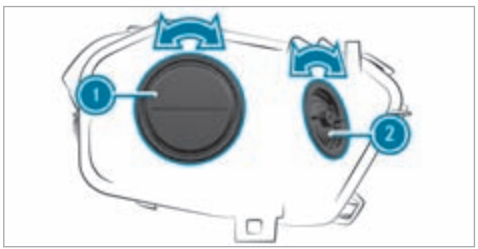
Requirements:
- The lighting system is switched off.
- The appropriate front wheel is turned inwards.



- **To remove:** turn cover ① to the left and remove it from the wheel arch liner.
- **To fit:** insert cover ① into the wheel arch liner and turn it to the right until it engages.

Replacing illuminants in the halogen headlamp

Requirements:
- **Low beam:** an H7 55 W illuminant is available.
- **High beam:** an H7 55 W illuminant is available.



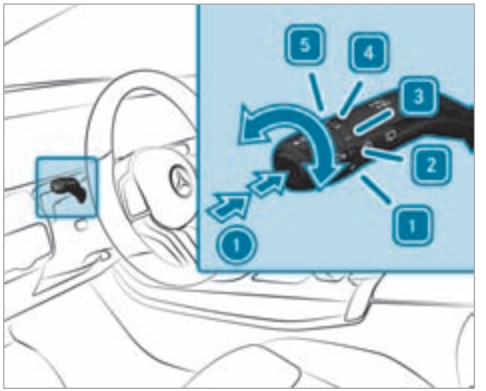
① Low beam housing cover
② High beam housing cover

ⓘ When the bonnet is open, you can reach housing cover ②.

- Switch the lighting system off.
- Remove the cover in the front wheel arch (→ page 149).
- Turn the relevant housing cover anti-clockwise and remove it.
- Turn the socket anti-clockwise and remove it.
- Pull the illuminant out of the socket.
- Insert the new illuminant into the socket such that the entire base of the illuminant is resting on the bottom of the socket.
- Insert the socket and turn it clockwise.
- Position the housing cover and turn it clockwise.
- Replace the cover in the front wheel arch (→ page 149).

Windscreen wipers and windscreen washer system

Switching the windscreen wipers on/off

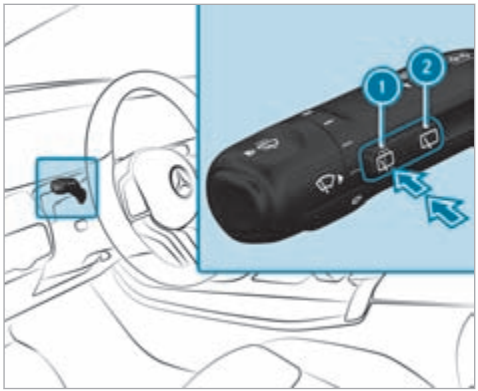


1 0 Windscreen wipers off
2 ••• Automatic wiping, normal
3 •••• Automatic wiping, frequent
4 — Continuous wiping, slow
5 = Continuous wiping, fast

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

ⓘ Observe the notes on washing the vehicle in a car wash (→ page 354).

Switching the rear window wiper on/off



① Single wipe/washing
② Intermittent wiping

- **Single wipe:** press button ① as far as the point of resistance.
- **Wiping with washer fluid:** press button ① beyond the point of resistance.
- **Switching intermittent wiping on/off:** press button ②.
  The symbol will appear on the instrument display when the rear window wiper is switched on.

Replacing the windscreen wiper blades

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

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

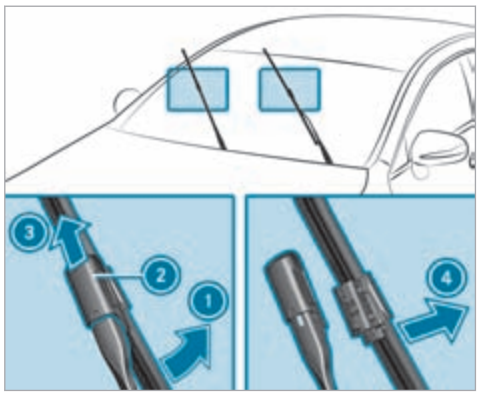
- Always switch off the windscreen wipers and vehicle before changing the wiper blades.

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 150). The wiper arms will move into the replacement position.

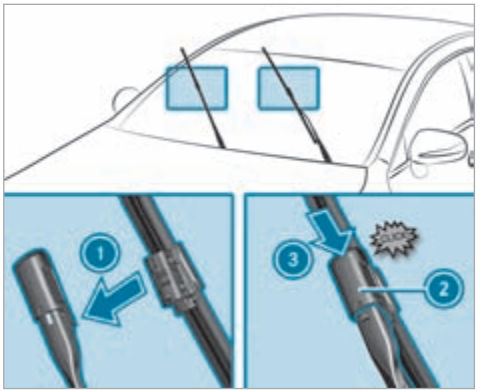
Removing the wiper blades

- Fold the wiper arms away from the windscreen.



- 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).

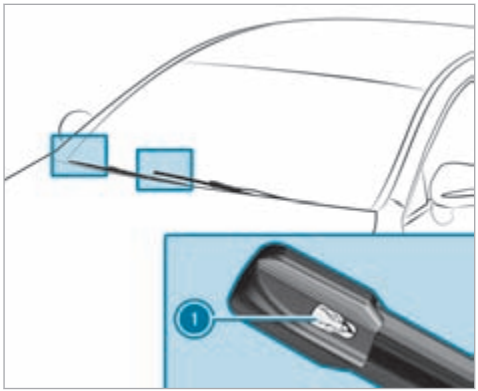
Fitting the wiper blades



- 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 windscreen.
- Switch on the vehicle.
- Press the button on the combination switch (→ page 150).
  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 fitted wiper blades.

When the colour of the maintenance displays changes from black to yellow, replace the wiper blades.

ⓘ The duration until the colour changes varies depending on the usage conditions.

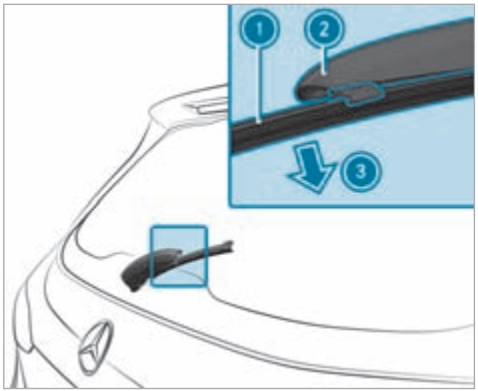
Replacing the rear window wiper blade

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

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

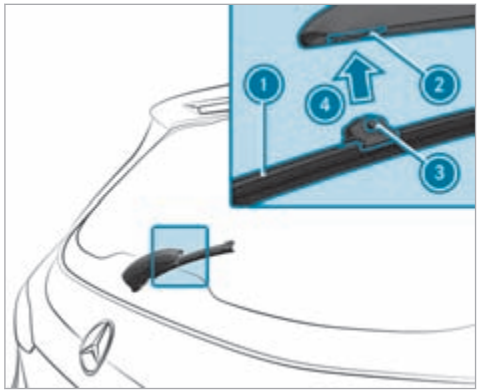
- Always switch off the windscreen wipers and vehicle before changing the wiper blades.

Removing the wiper blade



- Switch off the vehicle.
- Fold wiper arm (2) away from the rear window until it engages in the replacement position.
- Unclip wiper blade (1) from wiper arm (2) and remove it in the direction of arrow (3).

Fitting the wiper blade



- Position wiper blade (1) with both lugs (3) on holder (2) on the wiper arm.
- Push wiper blade (1) in the direction of arrow (4) until it engages in holder (2).
- Make sure that wiper blade (1) is seated correctly.
- Fold the wiper arm from the replacement position back onto the rear window.

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:

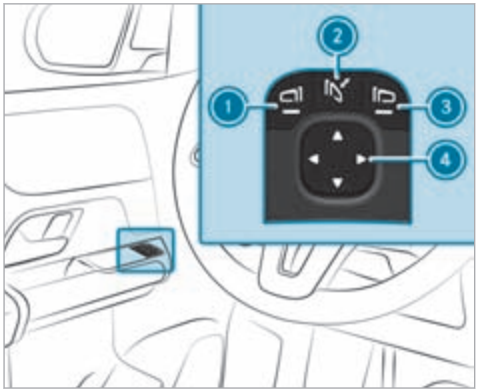
- if you adjust the driver's seat, the head restraint, the steering wheel or the mirror while the vehicle is in motion
- if you fasten your seat belt while the vehicle is in motion

- 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 misjudgement of distance when using the outside mirror

The outside mirrors reflect objects on a smaller scale. The objects in view are in fact closer than they appear.

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



- **To fold in or out:** briefly press button (2).
- **To set:** press button (1) or (3) to select the outside mirror to be adjusted.
- Use button (4) to adjust the position of the mirror glass.

ⓘ If the battery has been disconnected or completely discharged, you will have to reset the outside mirrors. Only then will the automatic mirror folding function work properly.

- **To reset:** briefly press button (2).

An outside mirror that has been pushed out of position can be engaged in position again as follows:

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

Automatic anti-dazzle mirrors function

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

Electrolyte may escape if the glass in an automatic anti-dazzle 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-dazzle mode if light from a headlamp hits the sensor on the inside rearview mirror.

System limits

The system will not go into anti-dazzle 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:

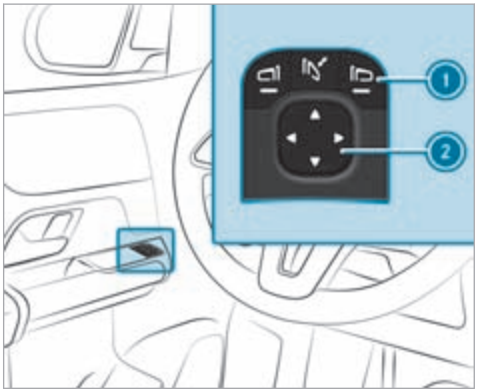
- the parking position is stored (⟶ page 156).
- the front-passenger mirror is selected.
- reverse gear is engaged.

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

- you shift the transmission to another transmission position.
- you are travelling at a speed greater than 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



▶ Press button 1 to select the front-passenger outside mirror.

▶ Engage reverse gear.

▶ Move the front-passenger outside mirror into the desired parking position using button 2.

Calling up

- Press button ① to select the front-passenger outside mirror.
- 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

- Activate or deactivate Automatic fold-in.

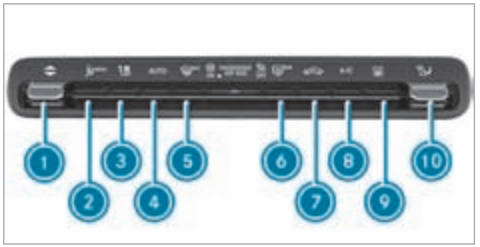
Overview of climate control systems

Notes on climate control

For the air-conditioning system, pollution level monitoring and air filtration to function correctly, an interior air filter must always be used. Make sure that the filter is installed correctly. Use filters recommended and approved by Mercedes-Benz. Always have maintenance work carried out at a qualified specialist workshop.

Overview of the air conditioning control panel

The indicator lamps on the buttons indicate that the corresponding functions are activated.



THERMATIC air conditioning control panel with stationary heater (example)

1. Sets the temperature on the driver's side
2. Vehicles with THERMATIC or THERMOTRONIC operating unit with stationary heater: MENU calls up the air conditioning menu
   Vehicles with THERMOTRONIC operating unit without stationary heater: sets the air distribution
3. Sets the airflow or switches off climate control
4. AUTO Sets climate control to automatic mode (→ page 159)
5. MAX Demists the windscreen
6. REAR Switches the rear window heater on/off
7. Switches air-recirculation mode on/off (→ page 160)
8. Vehicles with THERMATIC operating unit (with/without stationary heater):
   A/C switches A/C function on/off (→ page 159)
   Vehicles with THERMOTRONIC operating unit (with/without stationary heater): A/C REST switches A/C function on/off (→ page 159)
   Switches residual heat on/off (→ page 160)
9. Vehicles with THERMATIC or THERMOTRONIC operating unit with stationary heater: switches stationary heater on/off (→ page 164)
   Vehicles with THERMOTRONIC operating unit without stationary heater: SYNC switches synchronisation on/off (→ page 160)
   Plug-in hybrid with THERMATIC or THERMOTRONIC operating unit: switches "Immediate pre-entry climate control" on/off (→ page 163)

⑩ Vehicles with THERMATIC operating unit (with/without stationary heater): [ ] sets the air distribution
Vehicles with THERMOTRONIC operating unit (with/without stationary heater): [ ] adjusts temperature on front passenger side

ⓘ Residual heat can be used only in vehicles with a diesel engine or vehicles with a stationary heater in combination with the THERMOTRONIC air conditioning control panel.

Operating the climate control system

Switching climate control on/off

- **To switch on:** set the airflow to level 1 or higher using the [ ] button.
- **To switch off:** set the airflow to level 0 using the [ ] button.

If climate control is switched off, the windows may mist up more quickly. Switch climate control off only briefly.

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

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

- Press the [A/C] / [A/C REST] button.

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

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

Calling up the air conditioning menu

Calling up the air conditioning menu using the multimedia system

- Select one of the temperature displays at the lower edge of the media display.

Calling up the air-conditioning menu using the button on the climate control panel

- Press the [MENU] button on the climate control panel.

Activating/deactivating the A/C function via the multimedia system

Multimedia system:

→ Climate menu ▸▸ First row of seats

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

- Select A/C.

Setting climate control to automatic mode

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

- Press button [AUTO] .
- **To switch to manual mode:** press the [ ] or [AUTO] button.

In automatic mode, you can choose between five different air quantities using the [ ] button. Automatic mode is retained.

Setting the air distribution

Multimedia system:

→ Climate menu

- ▶ Call up the air conditioning menu (→ page 159).
- ▶ Select a row of seats.
- ▶ **To set the air distribution:** select ,  or .
- ▶ Set the airflow.

ⓘ Several air distributions can be selected at the same time, e.g. to air-condition both the windscreen and the footwell.
The  climate control for the windscreen can only be selected for the first seat row.

Switching the synchronisation function on/off via the air conditioning control panel

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

- ▶ Press the SYNC button.

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

Switching the synchronisation function on/off via the multimedia system

Multimedia system:

→ Climate menu ⏩ First row of seats

Climate control can be set centrally using the synchronisation function. The driver's settings for temperature, air quantity and air distribution will be adopted automatically for all climate zones.

- ▶ Select SYNC and switch it on or off.

Demisting the windows

Windows misted up on the inside

- ▶ Press the AUTO button.
- ▶ If the windows remain misted up: press the  button.

Windows misted up on the outside

- ▶ Switch on the windscreen wipers.
- ▶ Press the AUTO button.

Switching air-recirculation mode on/off

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

Air-recirculation mode automatically switches to fresh air mode after a while.

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

Switching residual heat on/off

Requirements

- The vehicle is parked.

ⓘ Residual heat can be used only in vehicles with a diesel engine or vehicles with a stationary heater in combination with the THERMOTRONIC air conditioning control panel.

It is possible to make use of the residual heat from the engine to continue heating or ventilating the front compartment of the vehicle for approximately 30 minutes, depending on the temperature set.

▶ **To switch on:** press the A/C REST button.

Residual heat will be switched off automatically.

Pre-entry climate control via the key (plug-in hybrid)

Function of pre-entry climate control via the key (plug-in hybrid)

Before entering the vehicle, the driver's side or the whole vehicle interior can be briefly pre-warmed or pre-cooled.

When pre-cooling, the following functions are activated as needed:

- Automatic climate control
- Blower
- Seat ventilation

When pre-heating, the following functions are activated as needed:

- Automatic climate control
- Blower
- Seat heating
- Steering wheel heater
- Mirror heater
- Rear window heater

Setting pre-entry climate control via the key (plug-in hybrid)

Multimedia system:

↳ Climate menu ▸▸ Pre-entry climate ctrl

Switching on/off

▶ Select ⚙.

▶ Select Pre-entry climate control via key.

Activating/deactivating pre-entry climate control via the key (plug-in hybrid)

Requirements:

- 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 pre-heating and pre-cooling.

Pre-entry climate control via the key cannot be activated more than twice when the vehicle is switched off.

▶ **To switch off:** push the button up or down.

The following functions will remain active once the vehicle has been started:

- Seat heating
- Seat ventilation

Pre-entry climate control for departure time (plug-in hybrid)

Function of pre-entry climate control for departure time (plug-in hybrid)

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.

The vehicle interior can be air conditioned when the vehicle is parked.

When the vehicle is connected to power supply equipment, priority is given to charging the high-voltage battery to a specified minimum charge.

The running time of pre-entry climate control may be reduced under the following conditions:

- The vehicle is not connected to power supply equipment.
- The high-voltage battery is not charged sufficiently.

With active pre-entry climate control, the charge level of the high-voltage battery may be reduced, even if the charging cable connector is connected.

For cooling, the following functions are activated as needed:

- Automatic climate control
- Blower
- Seat ventilation

For heating, the following functions are activated as needed:

- Automatic climate control
- Blower
- Seat heating
- Steering wheel heater
- Mirror heater
- Rear window heater

Setting pre-entry climate control for departure time (plug-in hybrid)

Multimedia system:

Climate menu ▸▸ Pre-entry climate ctrl

Setting a single departure time

- Select ONCE.
- Set a departure time.

Changing the active departure time

- Select the pen icon next to the displayed departure time.
- Set a departure time.

Setting the week profile

- Select WEEK PROFILE.
- Set the desired departure times, e.g. every day at 08:00.

Selecting the zone

- Select ⚙.

▶ Select Driver's seat only.
If the Driver's seat only setting is deactivated, pre-entry climate control will take place for the entire vehicle.

Activating/deactivating pre-entry climate control for departure time (plug-in hybrid)

Requirements:
- The high-voltage battery is charged sufficiently.
- The function has been activated via the multimedia system.

▶ **To activate:** set the departure time (→ page 162).
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:** press the button up or down.

The following functions will remain active once the vehicle has been started:
- Seat heating
- Seat ventilation

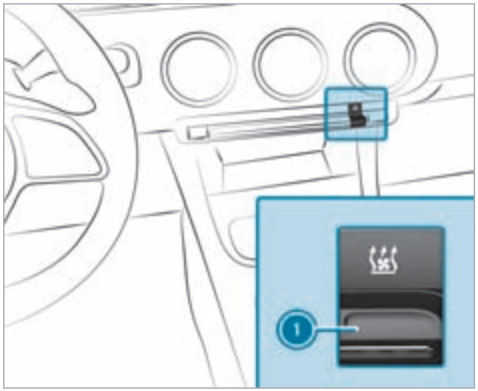
Activating/deactivating immediate pre-entry climate control

⚠ **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.

Air conditioning of the vehicle interior can continue for up to 50 minutes, e.g. if the journey is interrupted.



The colours of the indicator lamp have the following meanings:
- **Blue:** cooling is activated.
- **Red:** heating is activated.
- **Yellow:** the departure time has been preselected.

▶ Set the desired temperature using the ▼▲ button.

▶ Press button (1).
The red or blue indicator lamp on button (1) will light up or go out.

Stationary heater/ventilation

Stationary heater/ventilation function

ⓘ The following function is equipment-dependent.

- The air inside the vehicle is heated or ventilated to the set temperature.
- The air inside the vehicle cannot be cooled down to temperatures below the outside temperature.
- If the outside temperature changes, ventilation mode will automatically switch to heating mode or heating mode will automatically switch to ventilation mode.

The stationary heater and the exhaust gas outlet are situated in front of the right front wheel.

Switching the stationary heater/ventilation on/off via the operating unit

⚠ **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 in enclosed spaces or if the vehicle gets stuck in snow, for example.

▶ Always switch the stationary heater off in enclosed spaces without an air extraction system, e.g. in garages.

▶ 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 fire due to hot stationary heater components and exhaust gases

Flammable materials such as leaves, grass or twigs may ignite.

▶ When the stationary heater is switched on, make sure that:
- hot vehicle parts do not come into contact with flammable materials.
- the exhaust gas can flow out of the stationary heater exhaust pipe unhindered.
- the exhaust gas does not come into contact with flammable materials.

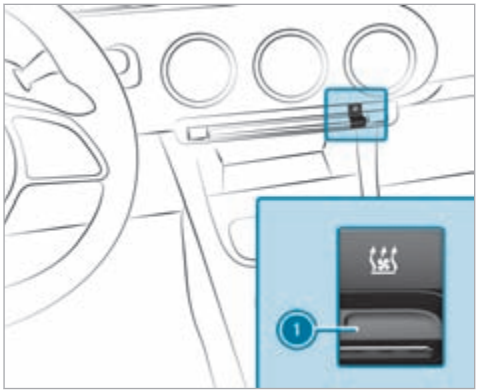
! **NOTE** Battery discharge caused by stationary heater or stationary ventilation operation

Operating the stationary heater or stationary ventilation drains the battery.

▶ After heating or ventilating the vehicle twice, drive for a longer period of time.

Requirements

- The fuel tank is at least ¼ full.



- Set the desired temperature using the ▼▲ button.
- Press button (1).
  The red or blue indicator lamp on button (1) will light up or go out.

The colours of the indicator lamp have the following meanings:

- **Blue:** stationary ventilation is switched on.
- **Red:** the stationary heater is switched on.
- **Yellow:** the departure time is preselected.

The stationary heater/ventilation will switch off automatically after 50 minutes.

Operation using the app: the stationary heater/ventilation can also be operated via the Mercedes me connect app. You can find further information in the separate Owner's Manual at https://moba.i.daimler.com/markets/ece-row/baix/cars/connectme/en_GB/#emotions/Startseite.html.

Setting the stationary heater/ventilation via the multimedia system

Multimedia system:

→ Climate menu ▸▸ Auxiliary heating

- Call up the air conditioning menu (→ page 159).
- Select Auxiliary heating.

Selecting the departure time

- Select the time TIME A: XX, TIME B: XX or TIME C: XX.

Setting the departure time

- Select the time TIME A: XX, TIME B: XX or TIME C: XX.
- Select the pen beside the time.
- Set a time.

Air vents

Adjusting the front air vents

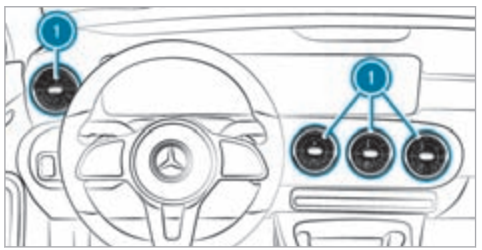
⚠ **WARNING** Risk of burns or frostbite due to being too close to the air vents

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.

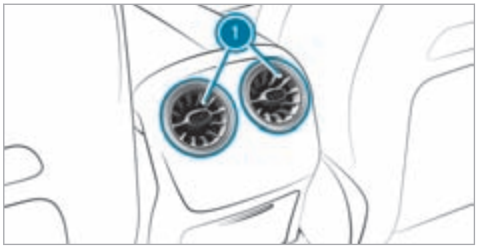
To guarantee the flow of fresh air through the air vents into the vehicle interior, note the following:

- Always keep the vents and ventilation grilles in the vehicle interior clear.
- Keep the air inlet free of residue build-up (→ page 354).



- **To open or close:** hold the centre 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 centre of air vent (1) and move it up or down or to the left or right.

Adjusting the rear air vents



- **To open or close:** hold the centre of air vent (1) and turn it to the left or right as far as it will go.
- **To set the airflow direction:** hold the centre of air vent (1) and move it up or down or to the left or right.

Driving

Notes on Mercedes-AMG vehicles

Observe the notes on the following additional topics in the Supplement, as you may otherwise fail to recognise dangers:

- Emotion Start
- AMG exhaust system
- RACE START
- DRIFT MODE
- AMG RIDE CONTROL
- AMG steering-wheel buttons

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.

- ▶ Stop the charging process immediately in case of unusual odours, smoke or burn marks.
- ▶ Leave the danger zone immediately. Secure the danger zone at a sufficient distance.
- ▶ Call the fire service.

! **NOTE** Mercedes-AMG vehicles

- ▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

The hybrid system combines a combustion engine with an electric motor.

Characteristics when the vehicle is at a standstill:

- The combustion engine is generally switched off.
- Idle speed occurs only in certain instances.

Characteristics when the vehicle is started:

- If the high-voltage battery is sufficiently charged, the vehicle can be started 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 happen that even though the high-voltage battery is charged, electric mode has restricted or no availability. Once the combustion engine has been operated for long enough and ambient conditions permit, electric mode is again available without restriction.

ⓘ To start the combustion engine, the high-voltage battery can be used as a starter battery.

Characteristics with moderate power output requests:

- The combustion engine is switched off as often as possible during the journey.
- The vehicle can, depending on the drive program selected and the state of charge of the high-voltage battery, be accelerated electrically up to a speed of approximately 140 km/h.

Characteristics with high power output requests:

- The electric motor supports the combustion engine (boost effect), e.g. when you pull away or accelerate.
- The high-voltage battery is discharging.

Characteristics when the accelerator pedal is released during the journey:

- The electric motor will be operated as an alternator when in overrun mode and during braking.
- The high-voltage battery is charging.

Notes on electric mode:

- Vehicles with hybrid systems generate significantly less noise when stationary and when being driven than vehicles with combustion engines.
- When you are driving in electric mode, the vehicle may not be heard by other road users due to the significantly lower noise generated.

  For this reason, the vehicle is equipped with a sound generator, which serves as an acoustic vehicle alerting system (AVAS). This safety device is prescribed by law.

  The external noise of the sound generator is perceptible in the vehicle interior at low speeds and does not represent a malfunction.
- If not all of the vehicle conditions for electric mode are met, then the combustion engine is 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 is not permanently available and may drop to continuous output.

Notes on the acoustic vehicle alerting system:

- The sound generator generates speed-dependent vehicle noise emissions at a speed of up to around 30 km/h when the vehicle is driving both forwards and in reverse.
- This helps other road users, particularly pedestrians and cyclists, to hear your vehicle better.
- When you drive at speeds above 20 km/h the acoustic vehicle alerting system will gradually switch off.

- The sound generator will be off when the vehicle is stationary.

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 vehicle underbody, components of the high-voltage electrical system may be damaged although the damage is not visible.

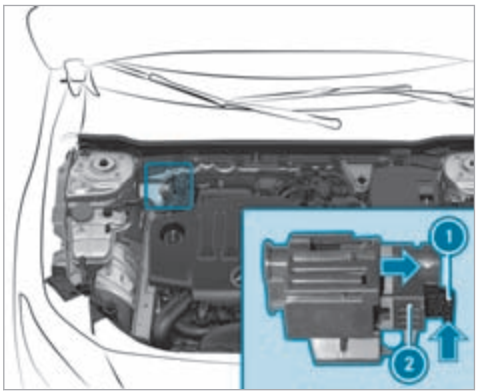
- ▶ Never make any modifications to the high-voltage on-board electrical system.
- ▶ Do not switch on or use the vehicle if its high-voltage on-board electrical system components have been modified or damaged.
- ▶ Never touch damaged components of the high-voltage on-board electrical system.
- ▶ After 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 Instrument Display, e.g. after an accident.
- The vehicle is badly damaged, e.g. after an accident, and the restraint system components have not been triggered.

Operating the high-voltage disconnect device



- ▶ Switch off the vehicle.
- ▶ Switch the transmission to position [P].
- ▶ Apply the electric parking brake.

- ▶ Secure the vehicle against rolling away (see the vehicle Owner's Manual).
- ▶ Open the bonnet.
- ▶ 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** Accident- and risk of injury with unsupervised children in the vehicle

If you leave children unattended in the vehicle, they can in particular

- Open doors and thereby endanger other persons or road users.
- get out of the car and are hit by traffic.
- Operate vehicle equipment and become trapped, forexample.

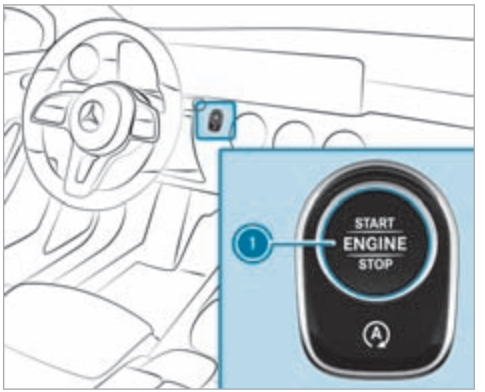
In addition, the children could also set the vehicle in motion, for exampleby:

- releasing the parking brake.
- change the gearbox setting.
- start 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 key out of reach of children.

Requirements

- The key is in the vehicle and is recognised.
- **Vehicles with automatic transmission:** The brake pedal is not depressed.



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

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 (1) twice.
Indicator and warning lamps will light up on the instrument display.

The vehicle will be switched off again if one of the following conditions is met:

- **Vehicles with automatic transmission:** You do not start the vehicle within 15 minutes and the transmission is in position P or the electric parking brake is applied.
- You press button (1) once.

Starting the vehicle

Starting the vehicle with the start/stop button

⚠ **DANGER** Risk of fatal injuries due to exhaust gases

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Breathing in these exhaust gases is hazardous to health and results in poisoning.

▶ Never leave the engine and, if present, the stationary heater, 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 recognised.

▶ **Vehicles with automatic transmission:** Shift the transmission to position P or N.

▶ Depress the brake pedal and press button (1) once.

▶ Keep the brake pedal depressed until the vehicle is started.

▶ If the vehicle does not start: switch off non-essential consumer equipment and press button (1) once.

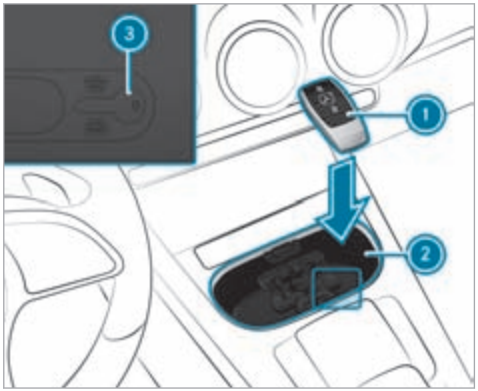
▶ If the vehicle still does not start and the Place the key in the marked space See Owner's Manual display message appears on the instrument display: start the vehicle with the key in the marked space (emergency operation mode) (→ page 172).

ⓘ You can switch off the vehicle while driving. To do this, press and hold button (1) for about three seconds or press button (1) three times within three seconds. Be sure to observe the safety notes concerning this under "Driving tips" (→ page 174).

Observe any information regarding display messages that may be shown on the instrument display.

Starting the vehicle with the key in the marked space (emergency operation mode)

If the vehicle does not start and the Place the key in the marked space See Owner's Manual message appears on the instrument display, you can start the vehicle in emergency mode.



Marked space (example with cup holder without cover)

- Open the cover of marked space (2) if necessary.
- Make sure that marked space (2) is empty.
- Remove key (1) from the key ring.
- Place key (1) on symbol (3) in marked space (2).

  The vehicle will start after a short time.

  If you remove key (1) from marked space (2), the vehicle can still be driven. For further engine starts, however, key (1) must be located on symbol (3) in marked space (2) during the entire journey.
- Have key (1) checked at a qualified specialist workshop.

If the vehicle does not start:

- Place key (1) in marked space (2) and leave it there.
- Depress the brake pedal and start the vehicle using the start/stop button.
- Keep the brake pedal depressed until the vehicle is started.

ⓘ You can switch on the power supply or the vehicle with the start/stop button.

Observe any information regarding display messages that may be shown on the instrument display.

Starting the vehicle via Remote Online Services

Cooling or heating the vehicle interior before starting the journey

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 starting the journey

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 is automatically switched 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 hazard warning light system is switched off.
- The bonnet is closed.
- The doors are closed and locked.
- The windows and sliding sunroof are closed.

▶ Start the vehicle using the smartphone. After every engine start, the engine runs for ten minutes.

You can carry out a maximum of two consecutive starting attempts. You must start the engine with the key before trying to start the vehicle again with the smartphone.

You can switch off the vehicle at any time as follows:

- Via the smartphone app
- By pressing the or button on the key

ⓘ Further information can be found in the smartphone app.

Securing the vehicle against starting before carrying out maintenance or repair work:

▶ Switch on the hazard warning light system.

or

▶ Unlock the doors.

or

▶ Open a side window or the sliding sunroof.

Running-in notes

To preserve the engine during the first 1500 km:

- Drive at varying road speeds and engine speeds.
- No faster than 140 km/h.
- Drive the vehicle in drive mode C or E.
- Shift to the next higher gear at the very latest when the needle reaches the last third before the red area in the rev counter.
- Do not shift down manually in order to brake.
- Avoid overstraining the vehicle, e.g. driving at full throttle.
- Only increase the engine speed gradually and accelerate the vehicle to full speed after 1500 km.

This also applies when the engine or parts of the drivetrain have been replaced.

Please also observe the following running-in notes:

- In certain handling and driving safety systems, the sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered or after repairs. Full system effectiveness is only reached when this teaching-in process has concluded.
- Brake pads, brake disks and tyres that are either new or have been replaced only achieve optimum braking effect and grip after driving several hundred kilometres. Compensate the reduced braking effect by applying greater force to the brake pedal.

Notes on driving

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

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

This jeopardises the operating and road safety of the vehicle.

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

WARNING Risk of accident due to incorrect footwear

Incorrect footwear includes, for example:

- shoes with platform soles
- shoes with high heels
- slippers

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 fatal injuries due to exhaust gases

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Breathing in these exhaust gases is hazardous to health and results in poisoning.

- Never leave the engine and, if present, the stationary heater, 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 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.

! NOTE Engine damage due to excessively high engine speeds

The engine will be damaged if you drive with the engine in the overrevving range.

- Do not drive with the engine in the overrevving range.

NOTE Causing wear to the brake linings by permanently depressing the brake pedal

- Do not permanently depress the brake pedal while driving.
- To use 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 not observing the maximum permitted headroom clearance

If the vehicle height is greater than the maximum permitted headroom clearance, the roof and other parts of the vehicle may be damaged.

- Observe the signposted headroom clearance.
- If the vehicle height is greater than the permitted headroom clearance, do not enter.
- Observe the changed vehicle height with add-on roof equipment.

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

Notes on driving with a roof load, trailer or fully laden vehicle

When driving with a loaded roof luggage rack or trailer as well as with a fully laden or fully occupied vehicle, the vehicle's driving and steering characteristics change.

You should bear the following in mind:

- Do not exceed the permissible roof load and towing capacity. Also observe the information in the Technical Data.
- Distribute the roof load and the load inside the vehicle evenly, placing heavy objects at the

bottom. Also comply with the notes on loading the vehicle (→ page 120).

- Drive attentively, and avoid abrupt starts, braking and steering as well as rapid cornering.

Advice on driving on salt-strewn roads

The braking effect is limited on salt-strewn road surfaces.

Therefore, observe the following notes:

- Due to salt build-up on the brake disks and brake pads, the braking distance can increase considerably or result in one-sided braking.
- Maintain a much greater safety distance to the vehicle travelling 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 aquaplaning

Aquaplaning 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 aquaplaning may occur:

- Reduce speed
- Avoid tyre ruts
- Avoid sudden steering movements
- Brake carefully

ⓘ Also observe the notes on regularly checking wheels and tyres (→ 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 have to drive through water:

- The water, when calm, may reach no higher than the lower edge of the vehicle body.
- Drive at walking speed at most; water can otherwise enter the vehicle interior or the engine compartment.
- Vehicles travelling ahead, or oncoming vehicles, can create waves which may exceed the maximum permissible depth of the water.

The braking effect of the brakes is reduced after fording. Brake carefully, paying attention to the traffic conditions until braking power has been fully restored.

Notes on off-road driving

⚠ **WARNING** Risk of accident if you do not keep to line of fall on inclines

If you drive at an angle or turn on an incline, the vehicle could slip sideways, tip and roll-over.

▶ Always drive on inclines in the line of fall (straight up or down) and do not turn.

WARNING Risk of fire due to flammable material coming into contact with hot parts of the exhaust system

If combustible materials, e.g. leaves, grass or twigs, come into contact with hot parts of the exhaust system, they may ignite.

- When driving off-road or on unpaved surfaces, check the underside of the vehicle at regular intervals.
- In particular, remove any trapped parts of plants or other flammable material.
- If damage should occur, immediately inform a qualified specialist workshop.

When driving off-road, sand, mud and water or water mixed with oil, etc., may get into the brakes. This may lead to a reduction in braking effect or even a total brake failure as a result of increased wear. The braking characteristics will vary depending on the material that has entered the system. Clean the brakes after driving off-road. If you then notice reduced braking effect or hear scraping noises, have the brake system checked at a qualified specialist workshop. Adapt your driving style to the changed braking characteristics.

NOTE Damage caused by driving over obstacles

The vehicle can be damaged by:

- driving onto high kerbs or unpaved roads.
- quickly driving over obstacles such as kerbs, speed bumps or potholes.
- heavy objects hitting the underbody or chassis components.

- Do not drive over obstacles that could damage the vehicle.
- Check the vehicle regularly for damage during off-road driving.
- Adjust the vehicle speed to suit the road surface conditions.
- If there is damage, consult a qualified specialist workshop immediately.

ENVIRONMENTAL NOTE Environmental damage due to non-observance of prohibition signs

Environmental protection has priority. Treat nature with respect.

- Be sure to observe prohibition signs.

The vehicle is designed for easily negotiable and moderate off-road terrain. When driving off-road, make sure there is sufficient ground clearance.
The high-voltage battery in particular can be damaged by bottoming out or by impacts against the underbody. Please also observe the notes on operating safety (→ page 27).

Check-list before driving off-road

Check the following points before driving off-road:

- Fuel level
- **Vehicles with a diesel engine:** AdBlue® level
- Engine oil level: fill engine oil to the maximum level to ensure full gradeability (→ page 350)
- Tyre-change tool kit and spare wheel

- tyres and wheels

ⓘ Further information about special all-terrain tyres for retrofitting can be obtained from a qualified specialist workshop.

Off-road driving

Read this section before driving your vehicle off-road. Practise by driving over gentler off-road terrain first.

- Observe the notes on the cross-country ABS (→ page 230).
- Select the  (→ page 188) drive program before driving off-road.
- Always keep the engine running and in gear when driving on downhill gradients and slopes. Observe the notes on driving in mountainous terrain.
- Do not drive on unknown terrain that is not easily visible and stay on marked paths.
- Always keep the doors and windows closed while the vehicle is in motion.
- Deactivate Active Distance Assist DISTRONIC, cruise control and the variable limiter.
- Adapt your driving style to the terrain.
- Do not use the HOLD function on steep downhill or uphill gradients with slippery or loose surfaces.

Driving on sand

When driving on sand, also observe the following instructions:

- Select the  drive program.
- Shift to a lower gear.
- Drive quickly to overcome the rolling resistance; the vehicle may otherwise dig itself in.
- Drive in the tracks of other vehicles if possible. Make sure that the following prerequisites are met:
  - the tyre ruts are not too deep.
  - the sand is firm enough.
  - there is sufficient ground clearance.

Fording

Also observe the following information when fording:

- Drive no faster than 10 km/h.
- The water, when calm, may reach no higher than the lower edge of the vehicle body.
- Switch off automatic climate control (→ page 159).
- **Vehicles with auxiliary heater/ventilation:** switch the auxiliary heater/ventilation off (→ page 164).
- Ensure that a bow wave does not form as you drive.
- Do not stop in the water and do not switch off the engine. Ensure the ECO start/stop function is switched off (→ page 181).

Driving in mountainous terrain

Also observe the following information when driving in mountainous terrain:

- Avoid high engine speeds.
- Use the braking power of the engine when driving downhill.
- Shift to a lower gear on uphill gradients and on long, steep downhill gradients.
- Activate DSR before driving downhill, if necessary (→ page 246).

Check-list after driving off-road

Driving off-road places greater demands on your vehicle than driving on normal roads. Check the entire vehicle for damage and foreign bodies every time after driving off-road. Foreign bodies in the wheels or drivetrain can lead to imbalances and therefore vibrations.

- If the driving mode is selected: select another driving mode.
- Deactivate DSR.
- Apply the brakes to dry them after fording.
- Check that the service brake is working normally after a long downhill stretch.
- Clean the following components every time after driving off-road:
  - licence plate number
  - headlamps and tail lamps
  - tyres, wheels and wheel arches
  - underbody
- After driving through sand, mud, water or gravel, have the following components checked and cleaned:
  - brake disks and brake pads
  - tyres and wheels
  - axle joints

ECO start/stop function

ECO start/stop function

ⓘ The ECO start/stop function is not available in all drive programs, depending on the engine. Observe the status display on the instrument display concerning this.

If all vehicle conditions for an automatic engine stop are met, the engine will be switched off automatically:

- You brake the vehicle to a standstill in transmission position D or N.
- You activate the HOLD function or engage transmission position P.

ⓘ If the system detects an intelligent stop inhibitor, e.g. a stop sign, the engine will not stop. If you activate the HOLD function or engage the park position P, the engine can be switched off in spite of an intelligent stop inhibitor.

ⓘ In transmission position R, the engine will not be switched off automatically even when the HOLD function is switched on.

The engine will restart automatically in the following cases:

- You engage transmission position D or R.
- You depress the accelerator pedal.
- The vehicle requires an automatic engine start.

Status display on the instrument 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 Ⓐ symbol nor the symbol appears when the vehicle is at a standstill: an intelligent stop inhibitor, e.g. a stop sign, has been detected

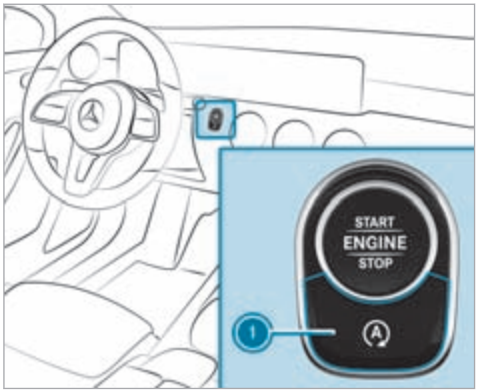
- The Ⓐ OFF symbol appears: the ECO start/stop function is deactivated or there is a malfunction.

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 instrument display:

Vehicle is operational Switch off ignition 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



▶ Press the (1) button.
A display will appear on the instrument cluster when you switch the ECO start/stop function on/off.

ⓘ Ⓐ OFF will be continuously shown on the instrument cluster while the ECO start/stop function is deactivated.

ECO display function

The ECO display summarises your driving characteristics from the start of the journey to its completion and assists you in achieving the most economical driving style.

You can influence consumption by doing the following:

- driving with particular care.
- **Vehicles with automatic transmission:** driving in drive program E.
- following the gearshift recommendations.



The lettering in the segment will light up brightly, the outer edge will light up and the segment will fill up when the following driving style is adopted:

- (1) Steady speed
- (2) Gentle deceleration and rolling
- (3) Moderate acceleration

The lettering in the segment will be grey, the outer edge will be dark and the segment will empty when the following driving style is adopted:

- (1) Fluctuations in speed
- (2) Heavy braking
- (3) Sporty acceleration

The ECO display will show you when you have driven economically:

- The three segments will fill up completely at the same time
- The edges around all three segments will light up

The additional range achieved as a result of your driving style in comparison with a driver with a very sporty driving style will be shown in the centre of display (4). The range displayed does not indicate a fixed reduction in consumption.

Recuperative brake system (plug-in hybrid)

Function of the recuperative brake system

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 pedal when the vehicle is in motion and in transmission position D, recuperation in overrun mode is initiated.

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 conditions. Decelerating to a standstill is not possible. Also brake with the service brake if necessary. Always adapt your speed to the driving conditions and keep a sufficient distance.

The recuperative brake system has the following characteristics:

- supports braking with electronically controlled brake force boosting
- converts the kinetic energy of the vehicle into electric energy

ⓘ If you brake hard, the mechanical brake is also used. This means that the maximum recuperative energy cannot be recovered. The more you drive and brake in an anticipatory manner, the more efficiently energy can be recuperated.

System limits

The braking effect of the electric motor during recuperation in overrun mode may be reduced or may not be available at all in the following situations:

- when the high-voltage battery charge level increases
- if the high-voltage battery is not yet at a normal operating temperature

In these cases, the desired deceleration is set by the brake control system.

Manually setting recuperative deceleration

ⓘ In drive program EL, you can use the steering wheel gearshift paddles to manually adjust the intensity of recuperation in overrun mode.



ⓘ When the vehicle is started again or transmission position D is engaged again, the standard setting is automatically set.

The following recuperation levels are available:

- D AUTO Intelligent, anticipatory recuperation with ECO Assist (standard setting) (→ page 183)
- D + No recuperation: the vehicle rolls freely
- D Normal recuperation
- D – Increased recuperation: strong deceleration in overrun mode, e.g. for driving on downhill gradients
- D – – Maximum recuperation: maximum deceleration in overrun mode

▶ **To increase recuperation:** briefly pull gearshift paddle 1.

▶ **To reduce recuperation:** briefly pull gearshift paddle 2.

▶ **Standard setting:** pull and hold gearshift paddle 1 or 2, or engage transmission position D again.



The Instrument Display shows currently set recuperation level 1, for example, D AUTO.

Eco Assist function (plug-in hybrid)

ⓘ The following function is country-dependent and available only in conjunction with an integrated hard drive navigation system.

ECO Assist is active only in drive programs C, EL, BL and E, and only in transmission positions D or D AUTO. Permanent manual gearshifting M must be switched off (→ page 192).

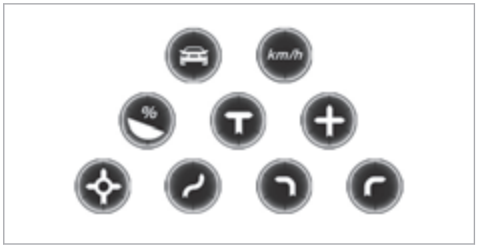
ECO Assist analyses data for the vehicle's expected route. This allows the system to optimally

adjust the driving style for the route ahead, save fuel and recuperate.

ECO Assist is displayed on the Assistance menu(→ page 290).



1 Event ahead, e.g. roundabout
2 Distance display for the event ahead
3 "Foot off the accelerator" prompt



Displayable previous events 1

Following events 1 can be detected and displayed for the route section ahead:

- Vehicle in front
- Speed limit
- Downhill and uphill gradients
- Junctions and roundabouts
- Bends

The segments of distance display 2 show the distance to the event ahead as follows:

- A few segments light up: the event ahead is near.
- Many segments light up: the event ahead is further away.

If ECO Assist is active, "Foot off the accelerator" symbol 3 will appear on the instrument display and on the head-up display beside the transmission position display.

When the vehicle nears an event, ECO Assist will calculate the optimal speed for minimal energy consumption based on the distance, speed and gradient. "Foot off the accelerator" symbol 3 will appear on the instrument display.

If you take your foot off the accelerator pedal in good time, the remaining segments on the display will successively turn green until the event shown is reached. The drivetrain will be set for minimal energy consumption. The vehicle will recuperate autonomously and thus charge the battery.

ⓘ You can also manually increase or reduce the recuperation in drive program EL. However, ECO Assist is available only in the D AUTO setting (→ page 183).

If there is no response to "Foot off the accelerator" prompt 3, the segments will remain white.

The event will be shown for a short time after it has been passed.

If the event involves a vehicle in front, the symbol will be shown in green as soon as there is a response to "Foot off the accelerator" prompt (3).

If the system does not intervene during the event ahead, nothing will be displayed. The system will be passive.

System limits

ECO Assist can function even more precisely if the route is adhered to when route guidance is active. The basic function is also available without active route guidance. 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 driver must be ready to brake at all times, irrespective of whether the system intervenes.

The system may be impaired or may not function in the following situations:

- If visibility is poor, e.g. due to insufficient illumination of the road, highly variable shade conditions, 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 windscreen in the area of the multifunction camera or the camera is misted 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 information on the navigation system's digital map is incorrect, insufficient or out of date.
- If signs are ambiguous, e.g. road signs in roadworks or in adjacent lanes.

Function of the route-based operating-mode strategy (plug-in hybrid)

ⓘ The following function is country-dependent and available only in conjunction with an integrated navigation system.

The route-based operating-mode strategy is active only in drive programs C and E. When you activate the function and route guidance is active, data on the planned route is analysed. The function can be activated and deactivated in the multimedia system (→ page 309).

If the function is active, data on the further course of the route is evaluated. This includes e.g. road type, speed limitations and altitude data.

The hybrid system then adapts the operating strategy to the further course of the route:

- Use of electrical energy and the combustion engine is adapted.
- The state of charge of the high-voltage battery is controlled accordingly.
- Electrical energy is reserved especially for electric mode, e.g. urban route sections or areas with low emission zones.

- The vehicle automatically selects the operating mode.

When the route-based operating-mode strategy is activated, the energy flow display shows the status of the function – as active or passive (→ page 310).

The route-based operating-mode strategy is switched to passive under the following conditions:

- You are driving in a drive program other than C or E.
- Route guidance is not active.
- The high-voltage battery's state of charge is too low.

DYNAMIC SELECT switch

Function of the DYNAMIC SELECT switch

! NOTE Mercedes-AMG vehicles

► Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

ⓘ Depending on the engine and equipment, the vehicle has different drive programs.

Use the DYNAMIC SELECT switch to change between the following drive programs.

The drive program selected appears on the instrument display.

I Individual

- Individual settings

S Sport

- Continues to offer stability but with a sporty setup
- Enables a sporty driver to adopt a more active driving style
- Driving with the combustion engine and reinforced boost effect (plug-in hybrid)
- Deactivation of the combustion engine when stationary (plug-in hybrid)
- Suitable only for good road conditions, a dry surface and a clear stretch of road

C Comfort

- Comfortable and economical driving
- Balance between traction and stability
- The selection of the matching drive type by the hybrid system depends on the driving conditions and the distance (plug-in hybrid)
- Recommended for all road conditions

EL Electric (plug-in hybrid)

- Electric mode – driving without the combustion engine is possible up to approximately 140 km/h
- Adjustable recuperation in overrun mode
- Adaptation of Active Distance Assist DISTRONIC for electric mode
- Depending on the equipment, the maximum set speed for cruise control, the limiter and Active Distance Assist DISTRONIC can be limited to the maximum speed possible in electric mode
- Activation of the combustion engine via the point of resistance of the accelerator pedal (kickdown)

BL Battery Level (plug-in hybrid)

- Prioritises maintaining the state of charge of the high-voltage battery, e.g. for subsequent journeys in inner-city/low-emission zones
- The selection of the appropriate drive type by the hybrid system depends on the driving conditions and the distance

E Eco

- Available only for vehicles with automatic transmission
- Particularly economical driving
- Balance between traction and stability
- Recommended for all road conditions
- Full development of all intelligent hybrid functions and adaptation of the coasting characteristics of the vehicle to traffic (plug-in hybrid)
- The selection of the matching drive type by the hybrid system depends on the driving conditions and the distance (plug-in hybrid)

Offroad

- Intervenes later if there is oversteer or understeer, thus improving traction
- Suitable for easily negotiable off-road terrain, such as dirt tracks, gravel or sandy surfaces
- Not suitable for use on public roads

ⓘ Depending on the situation, the cylinder can be briefly deactivated in the E and C drive programs, depending on the engine.

ⓘ The ESP® settings in the drive programs E and C are designed for stability. Therefore, choose one of these drive programs especially when transporting roof loads, in trailer operation and when the vehicle is fully loaded or fully occupied.

Depending on the drive program, the following systems will change their characteristics:

- Drive
  - Engine and transmission management
  - Active Distance Assist DISTRONIC
- ESP®
- **Vehicles with adaptive damping adjustment:** suspension
- Electric power steering

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:

- **Sport** drive program
- **Individual** drive program with the Sport ESP® setting

ⓘ The symbol is also shown in the following situations:

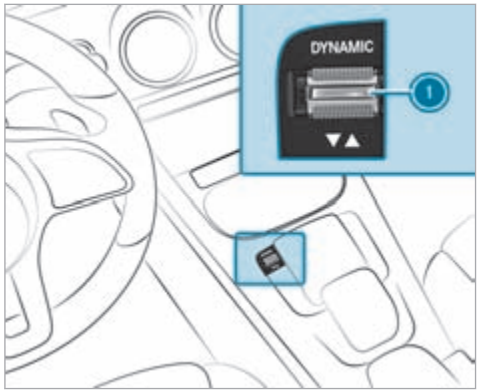
- Within the themes if a corresponding drive program is saved

  For more information on themes see .
- Within the reset display if the previously active drive program is unsuitable for the transport of a roof load

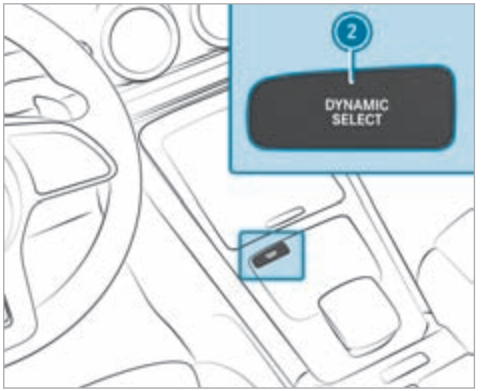
  For further information on the reset display, see (→ page 189, 188).

Selecting a drive program

ⓘ Depending on the equipment, the vehicle will be fitted with either a switch or a button.



▶ Push DYNAMIC SELECT switch (1) forwards or backwards.
The drive program selected will appear on the instrument display.



▶ Press DYNAMIC SELECT button (2).
The DYNAMIC SELECT menu will appear on the instrument display.

▶ Press DYNAMIC SELECT button (2) again.
The chosen drive program will appear.

Configuring DYNAMIC SELECT (plug-in hybrid)

Multimedia system:

↳ ⌂ ▸▸ Settings ▸▸ Vehicle ▸▸ DYNAMIC SELECT

Setting drive program I

▶ Select Individual configuration.

▶ Select and set a category.

Switching the reset display on or off

▶ Activate or deactivate Ask when starting.

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 program was active, then the C drive program is set automatically.

ⓘ 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.

Configuring DYNAMIC SELECT (multimedia system)

Multimedia system:

↳ ⌂ ▸▸ Settings ▸▸ Vehicle ▸▸ DYNAMIC SELECT

Setting drive program I

▶ Select Individual configuration.

▶ Select and set a category.

Switching the reset display on or off

▶ Activate or deactivate Ask when starting.

Function on: the next time the vehicle is started a prompt appears asking whether the last active drive program should be restored. If the ECO start/stop function was deactivated, an additional prompt appears asking if the function should remain deactivated.

ⓘ The prompt only appears if the previously active settings deviate from the standard settings.

Function off: the next time the vehicle is started the C drive program is set automatically. The ECO start/stop function is activated automatically.

ⓘ This function must be activated for each user profile separately. Only when this function is activated will the drive program and ECO start/stop setting for the previous journey be saved for the respective user profile.

Displaying vehicle data

Multimedia system:

↳ ⌂ ▸▸ Info

▶ Select Vehicle.
The vehicle data is displayed.

Displaying engine data

Multimedia system:

↳ ⌂ ▸▸ Info

▶ 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 that can influence this are, for example:

- Sea level
- Fuel quality
- Outside temperature
- Operating temperature of the engine

ⓘ The values displayed serve only as orientation. The values for engine output and engine torque shown on the media display may deviate from the actual values.

Calling up the fuel consumption indicator

Multimedia system:

→ ⌂ ▸▸ Info

▶ Select Consumption.
The current and average fuel consumption is displayed.

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 Accident- and risk of injury with unsupervised children in the vehicle

If you leave children unattended in the vehicle, they can in particular

- Open doors and thereby endanger other persons or road users.
- get out of the car and are hit by traffic.
- Operate vehicle equipment and become trapped, forexample.

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

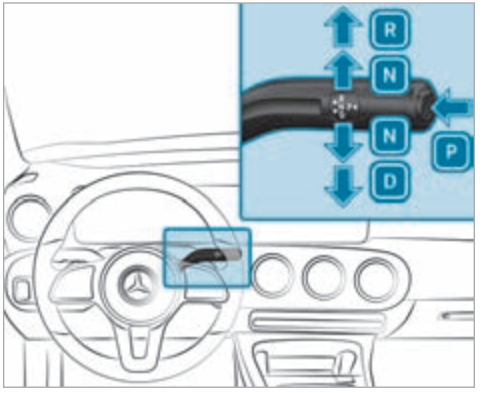
- releasing the parking brake.
- change the gearbox setting.
- start the vehicle.

▶ Never leave children unattended in the vehicle.

▶ When leaving the vehicle, always take the SmartKey with you and lock the vehicle.

▶ Keep the key out of reach of children.

Use the DIRECT SELECT lever to switch the transmission position. The current transmission position will be shown on the instrument 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 car is stationary.
- Release the brake pedal.
- Switch off the vehicle.

ⓘ If you then exit the vehicle leaving the key in the vehicle, the automatic transmission will remain in neutral N.

Engaging park position P

! **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 the park position P when the vehicle is stationary.

- Observe the notes on parking the vehicle (→ page 220).
- Depress the brake pedal until the vehicle comes to a standstill.
- When the vehicle is stationary, press button P.
  When the transmission position display shows P, the park position is engaged. If the transmission position display P does not appear, 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 if 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 manoeuvre with an open driver's door, open the driver's door while the vehicle is stationary and engage transmission position D or R again.

ⓘ At very low outside temperatures below approximately -20 °C, it may not be possible to shift the transmission from P to another transmission position when the vehicle is switched off. If this is the case, change the transmission position only while the vehicle is switched on.

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 driving speed

Problems with the transmission

The transmission has a faulty gear shift

Possible cause:

- the transmission is losing oil.

▶ Have the transmission checked at a qualified specialist workshop immediately.

The acceleration characteristics get worse, and the transmission no longer shifts.

Possible cause:

- the transmission is in emergency operation mode.

▶ Stop the vehicle in accordance with the traffic conditions.

▶ Shift the transmission to position P.

▶ Switch off the vehicle.

▶ Wait at least ten seconds.

▶ Start the vehicle again.

▶ Shift the transmission to position D.

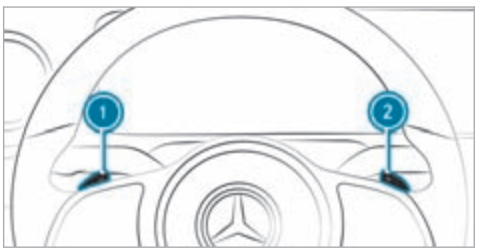
▶ Have the transmission checked at a qualified specialist workshop immediately.

Manual gearshifting

! NOTE Mercedes-AMG vehicles

▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

ⓘ For plug-in hybrids, observe the information regarding the regenerative brake system (→ page 182).



When the automatic transmission is shifted to position D, you can manually shift it with the steering wheel gearshift paddle. If permitted, the automatic transmission will shift to a higher or

lower gear depending on the steering wheel gearshift paddle being 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.

Temporary setting:

▶ **To activate:** pull steering wheel gearshift paddle ① or ②.
Manual shifting will be activated for a short time. The transmission position display will show M and the current gear.

ⓘ 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 shift up:** pull steering wheel gearshift paddle ②.

▶ **To shift down:** pull steering wheel gearshift paddle ①.
If you pull and hold steering wheel gearshift paddle ①, the transmission will shift to the lowest possible gear.

▶ **To deactivate:** pull and hold steering wheel gearshift paddle ②.
The transmission position display will show D.

Permanent setting:

▶ Change to drive program (→ page 188).

▶ Select drive setting M (→ page 189, 188).

Gearshift recommendation

The gearshift recommendation assists you in adopting an economical driving style.



▶ If gearshift recommendation ① appears next to the transmission position display, shift to the recommended gear.

Using kickdown

▶ **Maximum acceleration:** depress the accelerator pedal beyond the point of resistance.

To protect against engine overrev, the automatic transmission will shift up to the next gear when maximum engine speed has been reached.

Glide mode function

NOTE Mercedes-AMG vehicles

Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

With an anticipatory driving style, Glide mode helps you to reduce fuel consumption.

Glide mode is characterised by the following:

- The combustion engine is disconnected from the drivetrain and continues to run in neutral.
- The transmission position display D is shown in green.

Glide mode will be activated if the following conditions are met:

- Drive program E is selected.
- The speed is within a suitable range.
- The road's course is suitable, e.g. no steep uphill or downhill gradients or tight bends.
- There is no trailer hitched up to the trailer hitch, and no bicycle rack fitted.
- You do not depress the accelerator or brake pedal (except for light brake applications).

ⓘ Glide mode can also be activated if you have selected the "Eco" setting for the drive in the drive program I*.

Glide mode will be deactivated again if one of the conditions is no longer met.

Vehicles with Active Distance Assist DISTRONIC:
When Active Distance Assist DISTRONIC is active, the glide mode function will not be available.

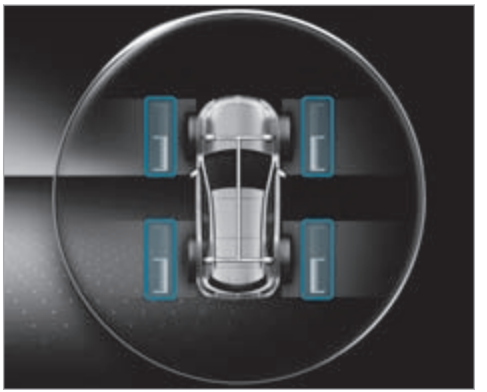
Glide mode can also be prevented by the following parameters:

- Incline
- Downhill gradient
- Temperature
- Height
- speed
- Operating status of the engine
- Traffic situation

ⓘ You can end glide mode by operating a steering wheel gearshift paddle (→ page 192).

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.



You can display the current distribution of drive torque to all four wheels on the head-up display and in the right-hand display range of the instru-

ment display. The fuller the respective scale, the higher the corresponding drive torque.

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 or traffic conditions. 4MATIC is only an aid. You are responsible especially 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 tyres (M+S tyres), with snow chains if necessary.

Refuelling

Refuelling the vehicle

⚠ **WARNING** Risk of fire or explosion from fuel

Fuels are highly flammable.

- Fire, naked flames, smoking and creating sparks must be avoided.
- Before refuelling, switch off the vehicle and, if fitted, the stationary heater and keep switched off during filling.

⚠ **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 vapour.
- Keep children away from fuel.
- Keep doors and windows closed during the refuelling 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 vapour.

- 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 refuelling process.

⚠ **WARNING** Risk of fire from fuel mixture

Vehicles with a diesel engine:

If you mix diesel fuel with petrol, the flash point of the fuel mixture is lower than that of pure diesel fuel.

While the vehicle is running, component parts in the exhaust system may overheat without warning.

- ▶ Never refuel using petrol.
- ▶ Never mix petrol with diesel fuel.

! NOTE Damage caused by the wrong fuel

Vehicles with a petrol engine:

Even small amounts of the wrong fuel could result in damage to the fuel system, the engine and the emission control system.

- ▶ Only refuel using unleaded, sulphur-free spark-ignition engine fuel that conforms to European EN 228, or an equivalent specification.

Fuel of this specification may contain up to 10% ethanol. Your vehicle is suitable for use with E10 fuel.

Never refuel with one of the following fuels:

- Diesel
- Regular petrol with an octane number lower than 91 RON
- Petrol with more than 10% ethanol by volume, e.g. E15, E20, E85, E100
- Petrol with more than 3% methanol by volume, e.g. M15, M30
- Petrol with additives containing metal

If you have accidentally refuelled with the wrong fuel:

- ▶ Do not switch on the vehicle.
- ▶ Consult a qualified specialist workshop.

! NOTE Damage caused by the wrong fuel

Vehicles with a diesel engine:

Even small amounts of the wrong fuel could result in damage to the fuel system, the engine and the emission control system.

- ▶ Only refuel using sulphur-free diesel fuel that conforms to European standard EN 590, or an equivalent specification. In countries without sulphur-free diesel fuel, refuel using only low-sulphur diesel fuel with a sulphur content less than 50 ppm.
- ▶ **Vehicles without diesel particulate filter:** Only refuel using diesel fuel with a sulphur content less than 500 ppm.

Never refuel with one of the following fuels:

- Petrol
- Marine diesel
- Heating oil
- Pure bio-diesel or vegetable oil
- Paraffin or kerosene

If you have accidentally refuelled 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 petrol engine

If you have accidentally refuelled 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** Do not use petrol to refuel vehicles with a diesel engine

If you have accidentally refuelled with the wrong fuel:

- Do not switch on the vehicle. Otherwise, fuel can enter the fuel system.

  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

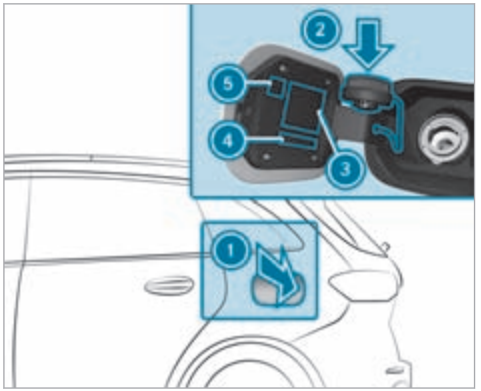
▶ Only fill the fuel tank until the pump nozzle switches off.

Requirements

- The vehicle is unlocked.
- **Plug-in hybrid with petrol engine:** The fuel tank was vented before refuelling (⟶ page 199). This function is country-dependent.

Observe the notes on service fluids and fuel.

The recommended octane number for your vehicle can be found on the information label in the fuel filler flap.



1 Fuel filler flap
2 Bracket for fuel filler cap
3 Tyre pressure table
4 Fuel type
5 QR code for rescue card

ⓘ **Plug-in hybrid with petrol engine:** The fuel filler flap opens automatically after the fuel tank has been vented (→ page 199).

- Press on the rear part of fuel filler flap 1.
- Turn the fuel filler cap anti-clockwise and remove it.
- Insert fuel filler cap 2 from above into bracket.
- Completely insert the pump nozzle into the tank filler neck, hook in place and refuel.
- Only fill the fuel tank until the pump nozzle switches off.

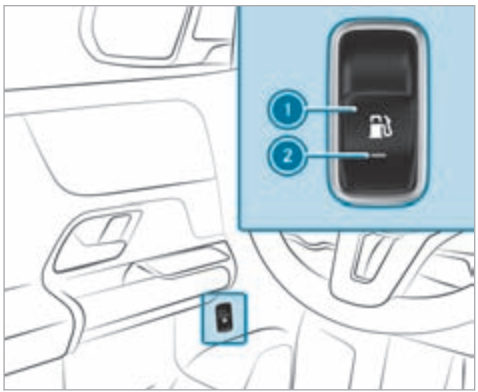
ⓘ **Vehicles with a diesel engine:** The tank filler neck is designed for refuelling at diesel filling pumps.
Your vehicle is equipped with an incorrect fuel protection system to prevent filling up with the wrong fuel. This function may be deactivated in some countries due to local circumstances. For more information, consult a Mercedes-Benz service centre.

ⓘ **Vehicles with a diesel engine:** Refuel with at least 5 litres of diesel if the fuel tank has been run dry completely.

ⓘ **Vehicles with a diesel engine:** Use a filler neck with a large diameter for vehicles with a diesel engine when topping up fuel from a fuel can. Otherwise, the filler neck cannot be pushed into the tank shaft.
Your vehicle is equipped with an incorrect fuel protection system to prevent filling up with the wrong fuel. This function may be deactivated in some countries due to local circumstances. For more information, consult a Mercedes-Benz service centre.

- Replace the cap on the filler neck and turn clockwise until it engages audibly.
- Close fuel filler flap 1.

Depressurising the fuel tank (plug-in hybrid with petrol engine)



▶ Pull switch 1 once briefly.
Indicator lamp 2 will flash and the Please wait Depressurising tank message will appear on the instrument display.

When the fuel tank is depressurised, indicator lamp 2 will light up continuously.

The Tank is depressurised Ready for refuelling message will appear on the instrument display and the fuel filler flap will open automatically.

ⓘ Depressurising the fuel tank may take several minutes.

The fuel tank can be depressurised only if the conditions described above are fulfilled. Otherwise, drive the vehicle at least 0.5 km and repeat the process.

ⓘ 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.

AdBlue® (vehicles with a diesel engine only)

Notes on topping up AdBlue®

AdBlue® is a water-soluble fluid for the NOx exhaust gas aftertreatment of diesel engines. In order for the exhaust gas aftertreatment to function properly, only use AdBlue® in accordance with ISO 22241.

AdBlue® is characterised by the following:

- non-toxic
- colourless and odourless
- non-flammable

If you open the AdBlue® tank, small amounts of ammonia vapour may be released. Only fill the AdBlue® tank in well-ventilated areas.

Do not let AdBlue® come into contact with skin, eyes or clothes. Keep AdBlue® away from children.

Do not ingest AdBlue®. If AdBlue® is swallowed, immediately rinse your mouth out thoroughly. Drink plenty of water. Seek medical attention at once.

Observe the notes on operating fluids (→ page 412).

AdBlue® is available here:

- AdBlue® can be topped up by fast service at a qualified specialist workshop, e.g. a Mercedes-Benz Service Centre.
- AdBlue® is available at many filling stations from AdBlue® filling pumps.
- Alternatively, AdBlue® is available at qualified specialist workshops, e.g. Mercedes-Benz Service Centres, and at many filling stations in AdBlue® refill canisters or AdBlue® refill bottles.

ⓘ Ensure the connection between the refill container and vehicle filler neck does not drip.

Topping up AdBlue®

NOTE Engine damage due to AdBlue® being in the fuel

- AdBlue® must not be used to fill the fuel tank.
- Only use AdBlue® to fill the AdBlue® tank.
- Do not overfill the AdBlue® tank.

NOTE Contamination of the vehicle interior due to AdBlue® leakage

- After topping up, carefully close the AdBlue® refill container.
- Avoid carrying AdBlue® refill containers permanently in the vehicle.

Requirements

- The vehicle is unlocked.

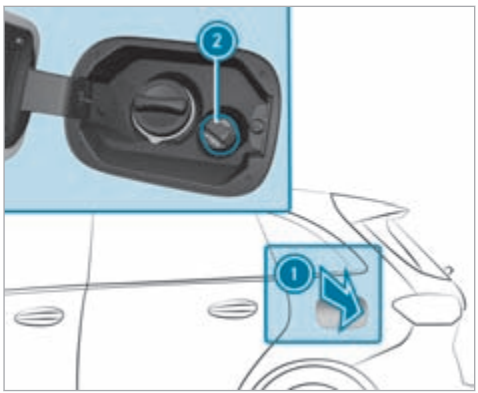
The following messages appear in order in the Instrument Display when the AdBlue® tank requires refilling:

- Refill AdBlue See Owner's Manual. The AdBlue® level has fallen into the reserve range. Refill with at least 5 l of AdBlue®.
- Top up AdBlue Emergency op. in XXX miles See Owner's Manual. The low AdBlue® level will lead to limited performance after the remaining distance displayed has been covered. Refill with at least 5 l of AdBlue®.
- XX,X l Top up AdBlue Emer. op.: max. XXX km/h Start not poss. in XXX km. The low AdBlue® level will lead to an output restriction from the speed displayed. After the remaining distance displayed has been covered, it will no longer be possible to start the vehicle. Refill at least the indicated amount of AdBlue®.
- XX,X l Top up AdBlue Switch on ignition, wait 60 sec. or eng. start not poss.. The AdBlue® tank is empty. You can no longer start the vehicle. Refill at least the indicated amount of AdBlue®. Switch on the vehicle and wait for approximately 60 seconds. Start the vehicle.

You can see the AdBlue® range and level in the Service menu in the Instrument Display.

ⓘ The AdBlue® range shown depends strongly on the driving style and operating conditions. The actual range can therefore differ from the calculated range.

Opening the AdBlue® filler cap

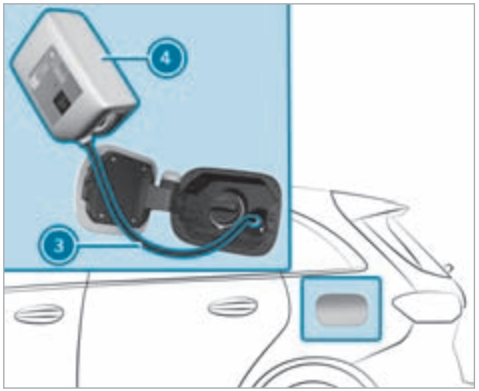


- Press on the rear part of fuel filler flap (1).
- Turn AdBlue® filler cap (2) anti-clockwise and remove it.

ⓘ You can also place the AdBlue® filler cap in the fuel filler cap holder in the fuel filler flap hinge arm.

Topping up AdBlue®

Mercedes-Benz recommends refilling AdBlue® at a filling pump. If no AdBlue® filling pump is available, you can also top up AdBlue® using a canister.



- Screw on the fastener of AdBlue® refill canister (4).
- Screw the disposable hose (3) onto the opening of AdBlue® refill canister (4) until hand-tight.
- Screw the disposable hose (3) onto the filler neck of the vehicle until hand-tight.

- Lift up and tip AdBlue® refill canister (4). The filling process stops when the AdBlue® tank is completely full.

  The AdBlue® refill canister (4) can be removed even if it has been only partially emptied.
- Unscrew and close the disposable hose (3) and AdBlue® refill canister (4) in reverse order.
- Replace AdBlue® filler cap (2) and turn it clockwise until it audibly engages.
- Close fuel filler flap (1).
- Switch on the vehicle for at least 60 seconds.

ⓘ If the vehicle could not be started because the AdBlue® tank was empty, it can take up to 60 seconds for the refill to be detected.

- Start the vehicle.

ⓘ Avoid storing AdBlue® refill containers permanently in the vehicle.

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 ageing 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 ageing of the high-voltage battery:

- a high level of charge, especially if the vehicle is idle for a lengthy period of time
- frequent rapid charging with direct current (mode 4)
- leaving the vehicle idle for lengthy periods at high ambient temperatures

- To avoid accelerated ageing, please observe the following recommendations when handling the high-voltage battery.

Recommendations when handling the high-voltage battery:

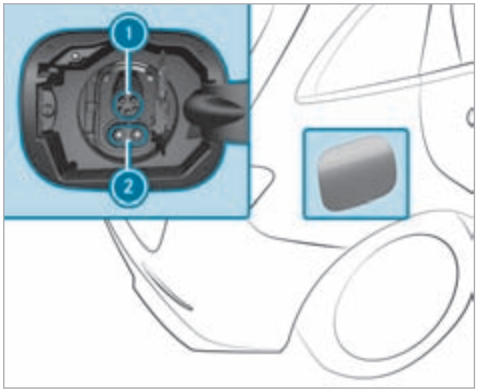
- Only charge the high-voltage battery with direct current (mode 4) if necessary.
- If leaving the vehicle idle for lengthy periods, park up the vehicle with a high-voltage battery charge level between 25% and 30%. Do not

keep the high-voltage battery continuously connected to power supply equipment.

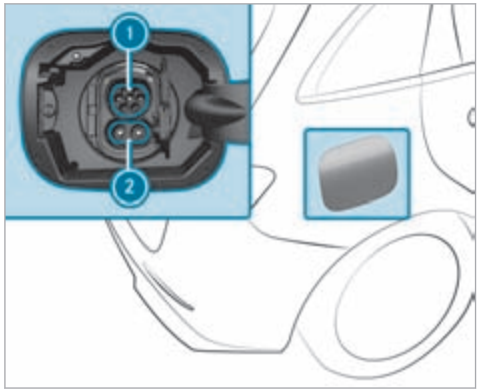
- If leaving the vehicle idle for lengthy periods of time avoid, if possible, high ambient temperatures.
- Check the high-voltage battery's charge level every six weeks (→ page 220).
- Charge the high-voltage battery if the charge level is below 15%.
- Do not disconnect the 12 V battery even if the vehicle is left idle for a lengthy period. Otherwise, the condition of the vehicle's high-voltage battery cannot be monitored.
- If the high-voltage battery is only used with low charge levels, fully charge the high-voltage battery every six months.

Depending on the equipment and national version, your vehicle is equipped with one of the following vehicle sockets:

- Type 1 for charging with alternating current (mode 2/3)
- Combo 1 for charging with alternating current (mode 2/3) and charging with direct current (mode 4)
- Type 2 for charging with alternating current (mode 2/3)
- Combo 2 for charging with alternating current (mode 2/3) and charging with direct current (mode 4)



Combo 1 vehicle socket



Combo 2 vehicle socket

1 Type 1 or type 2 connection for charging with alternating current

2 Socket extension for charging with direct current

ⓘ When using a CCS (Combined Charging System) charging cable to charge with direct current at a combo vehicle socket, both vehicle socket connections 1 and 2 are used for charging.

Charging options for the high-voltage battery (mode 2, 3 or 4):

- Charging through recuperation while the vehicle is in motion
- Charging with alternating current when stationary:
  - at a mains socket (mode 2)
  - at a wallbox or charging station (mode 3)
- Charging with direct current when stationary (vehicles with combo vehicle sockets):
  - at a rapid charging station (mode 4)

Depending on the country-specific vehicle equipment and your vehicle's charging cable, single phase AC charging is also possible.

Observe the different grid requirements of your current location when charging. Only use charging cables which conform to the grid requirements. Consult a qualified electrician or your local 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 improved charging performance and better charging efficiency offered.

System limits

The power output 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 periods without charging

The charging time of the high-voltage battery may be increased by the following:

- High or low outside temperatures
- Extended periods without charging
- The maximum available charge current of the charging facility
- The charging current set (mode 2) in the multimedia system (⟶ page 309)

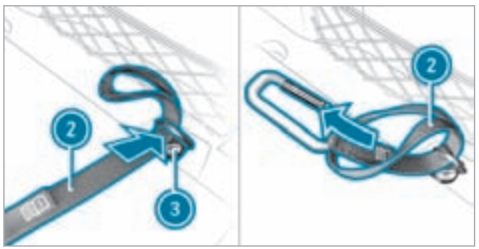
Stowing the charging cable

Always stow the vehicle's charging cable in the charging cable bag provided, and secure the charging cable bag in the boot or load compartment with the included retaining strap. Otherwise, the charging cable bag with the charging cable is not sufficiently secured.

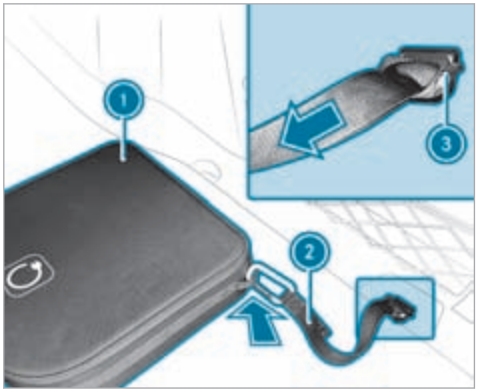


Example: charging cable bag in the boot/load compartment

As delivered, charging cable bag (1) with retaining strap (2) is located in the boot or load compartment. To secure the charging cable bag, the retaining strap must be attached to tie-down eye (3). Do not use bag hooks to attach the retaining strap.



- Feed the loop end of retaining strap (2) through tie-down eye (3) into the boot or load compartment.
- Feed the end with the snap hook through the loop of retaining strap (2).



- Tighten retaining strap (2) so that the knot around tie-down eye (3) is tight and secure.
- Hook the snap hook of retaining strap (2) in a tie-down eye of charging cable bag (1).

Notes on charging the high-voltage battery at the 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 a Mercedes-Benz Service Centre 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 cancelled.

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 a wallbox using incorrectly installed component parts could cause a fire or an electric shock, for example.

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

If charging at a wallbox without pre-installed cable, use the optionally available charging cable for wallbox and charging station (mode 3). The charging cable is stowed in a bag in the boot/luggage compartment.

Only use charging cables that have been tested and approved by the manufacturer for charging the high-voltage battery in an electric vehicle.

⚠ **DANGER** Risk of fatal injuries due to damaged components

If you use a damaged component to connect the vehicle to the charging station, this can result in fire or an electric shock, for example.

- Perform a visual inspection of the charging station for obvious defects, e.g. damage to the housing or on the charging cable connection.
- At charging stations without a pre-installed cable, for safety reasons, only use charging cables that have been tested and approved by the manufacturer for charging the high-voltage battery in an electric vehicle.
- Do not use a damaged charging cable.
- Do not use an extension for the charging cable.
- Do not use an adapter.
- Always observe the safety information on the charging station.

Most charging stations must be activated before the charging process, e.g. using an RFID card. Observe the on-site operator's instructions for the charging station.

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, for example, due to heat that builds 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.

Notes on charging the high-voltage battery at a rapid charging station (mode 4)

DANGER Risk of fatal injuries due to damaged components

If you use a damaged component to connect the vehicle to the charging station, this can result in fire or an electric shock, for example.

- Perform a visual inspection of the charging station for obvious defects, e.g. damage to the housing or on the charging cable connection.
- At charging stations without a pre-installed cable, for safety reasons, only use charging cables that have been tested and approved by the manufacturer for charging the high-voltage battery in an electric vehicle.
- Do not use a damaged charging cable.
- Do not use an extension for the charging cable.
- Do not use an adapter.
- Always observe the safety information on the charging station.

DANGER Risk of fatal injuries when carrying out maintenance work during the charging process

During the charging process, the high-voltage on-board electrical system is under high voltage.

- Do not perform any maintenance work during the charging process.

Most charging stations must be activated before the charging process, e.g. using an RFID card. Observe the on-site operator's instructions for the charging station.

The charging cable for the vehicle must not be longer than 30 m due to the legal requirements in some countries. This is to prevent the interference of signals being received by radio communication devices in the vehicle or in close proximity to the charging station. Be aware that parts of the charging cable may be routed underground. If in doubt, ask the charging station operator if this is the case before charging the high-voltage battery.

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, for example, due to heat that builds 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.

Setting the 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.

- Make sure that the external mains supply has been designed to handle the set charging current.
- If necessary, reduce the set charging current or use a different mains socket.
- 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 Centre and obtain advice there.
- Check the setting of the maximum charge current using the charging capacity shown in the Instrument Display.

Before charging at a mains socket, have the maximum permissible charging current for the relevant mains socket or the building inspected by a qualified electrician. 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. When abroad, observe the country-specific laws when charging. If you have questions concerning setting the charging current or if there is a malfunction, please contact a qualified specialist workshop.

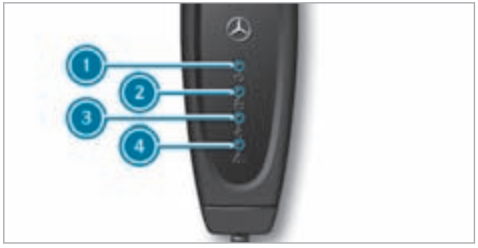
- Set the maximum permissible charging current in the multimedia system menu (→ page 309).

If the exact value of the maximum permissible charging current cannot be set, select the next smaller adjustable value.

ⓘ If the vehicle requires more time than usual to charge the high-voltage battery, check the maximum charging current settings in the multimedia system menu.

Overview of the charging cable control panel

The charging cable control panel shows the current status of the charging process.



1. Supply voltage indicator
2. Charging process indicator
3. Temperature monitor indicator
4. Safety system indicator

Supply voltage indicator 1

Display	Meaning
Lights up white	The supply voltage is connected.

Charging process indicator 2

Display	Meaning
Flashes green	The high-voltage battery is charging.

Temperature control indicator 3

Display	Meaning
Lights up red	The green LED flashes simultaneously: overtemperature – the charging performance is reduced. The green LED does not flash: overtemperature – the charging process is stopped.
Flashes red	Overtemperature at the mains plug – the charging process is stopped.

Safety system indicator 4

Display	Meaning
Flashes red	Charging cable malfunction – cannot carry out the charging process, reset the charging cable operating unit.
Lights up red	White LED is off: power supply malfunction – cannot carry out the charging process, replace the mains socket. White LED is on: vehicle malfunction – cannot carry out the charging process, reset the charging cable operating unit.

When all four displays light up, the charging cable operating unit performs a self-test.

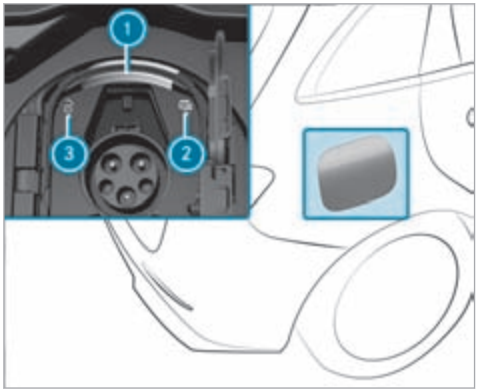
If temperature monitor ③ indicates a malfunction, it may help to protect the charging cable from direct sunlight.

To reset the charging cable operating unit: if safety system ④ indicates a charging cable malfunction or a vehicle malfunction, first reset the charging cable operating unit. To do this, disconnect 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 indicator.

Functions of the indicator lamps on the vehicle socket

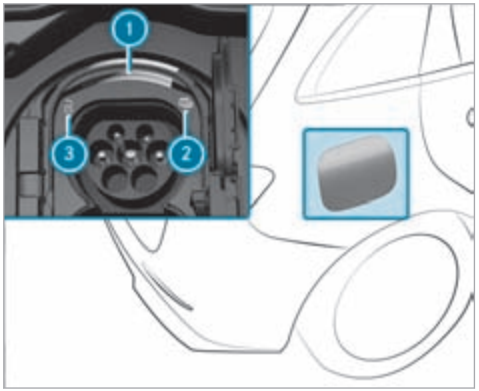
ⓘ Depending on the national version, your vehicle is equipped with one of the following vehicle sockets.

The socket flap is centrally locked and unlocked together with the vehicle.



Combo 1 vehicle socket

① Socket lamp
② Charging process indicator lamp
③ Locking status indicator lamp



Combo 2 vehicle socket

① Socket lamp
② Charging process indicator lamp
③ Locking status indicator lamp

Overview of the locking status

Locking status (3)	Display	Meaning
	Lights up white	Vehicle socket unlocked, insert or remove charging cable
	Flashes white	Malfunction during locking or unlocking

Overview of the charging process status

Status of the charging process (2)	Display	Meaning
	Flashes orange	Connection is being established
	Flashes green	Active energy flow
	Lights up orange	Interruption in charging
	Lights up green	Charging process completed
	Flashes red (for approx. 90 s)	Vehicle malfunction; charging is not possible

Starting the alternating current charging process (mode 2/3)

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

During the charging process, the charging cable and charge port can heat up within the permissible limits.

The permissible limit values are influenced by the following factors:

- the power supply system and the charging cable are not damaged

- the instructions for handling the charging cable and the control element on the charging cable have been observed

▶ If the charging cable or charge port becomes too hot, have the power supply system 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 300 N) to insert the charging cable connector into the vehicle socket to the stop. You may otherwise damage the vehicle socket, the charging cable connector or their contacts.

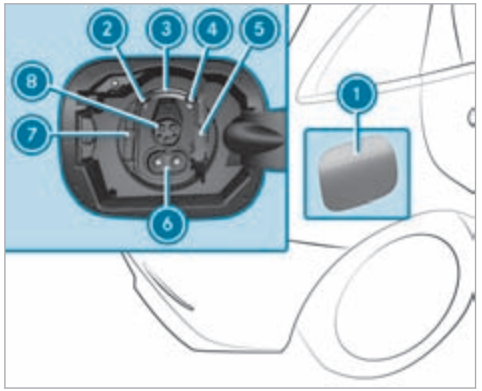
▶ If you feel there is increased resistance, pull the charging cable connector out of the socket and reinsert it.

Requirements

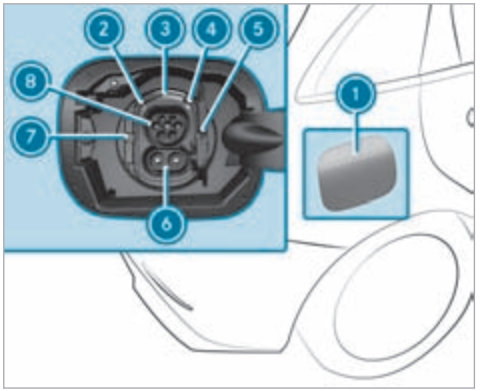
- The transmission is in position P.
- The vehicle is unlocked or the distance between the key and the vehicle does not exceed 1 m.
- The vehicle is switched off. The READY display in the Instrument Display is off.
- The charging cable is not taut.

Depending on the vehicle's equipment and on the national version, your vehicle is equipped with one of the following vehicle sockets:

- Type 1 for charging with alternating current (mode 2 or 3)
- Combo 1 for charging with alternating current (mode 2 or 3) and charging with direct current (mode 4)
- Type 2 for charging with alternating current (mode 2 or 3)
- Combo 2 for charging with alternating current (mode 2 or 3) and charging with direct current (mode 4)



Combo 1 vehicle socket



Combo 2 vehicle socket

▶ Press the centre rear section of socket flap (1) and swing the socket flap forwards and open.
The [🔓] indicator lamp (2) and status display (3) light up white.

ⓘ When the vehicle is switched on (the READY display is lit in the Instrument Display), socket flap (1) cannot be opened.

▶ Press catch (7) to the left and fold open socket cover (5).

ⓘ Vehicles with a vehicle socket combo require only connection (8) for the charging cable connector. Open only the upper part of socket cover (5).

▶ To charge at a mains socket, insert the mains plug into the mains socket of the external power source to the stop and set the maximum charging current if required (→ page 209).

▶ Insert the charging cable connector into vehicle socket connection (8) to the stop. 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 to the stop.
Make sure that the charging cable is not taut when inserted.

The indicator lamp 4 and status display 3 flash orange and, as soon as the high-voltage battery is charged, green.

When the charging cable is connected to the vehicle, the vehicle cannot be started or moved.

At the start of the charging process, the charge level display is shown in the Instrument Display with a charging prediction. The charging prediction either refers to the predicted charge level at the set departure time, or the time at which the high-voltage battery will be fully charged.

ⓘ Depending on the temperature, the fan and battery cooling system may audibly switch on during the charging process.

ⓘ If the vehicle is idle for lengthy 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. the pre-entry climate control).

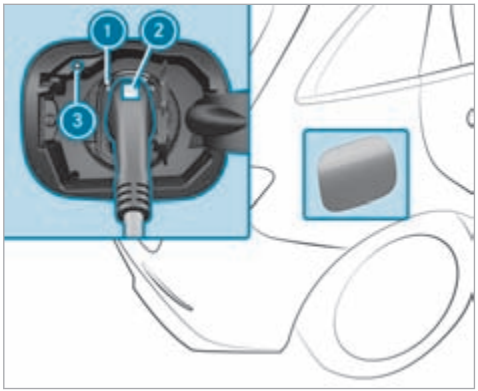
ⓘ The vehicle is equipped with an electrical fuse which protects it against overvoltage in the mains supply. This electrical fuse may trip during severe thunderstorms, for example, and may cause the fuse in the building to trip or may interrupt the charging process. These functions protect the vehicle.
After the fuse in the building is switched on again, the charging process resumes automatically. Following an interruption in the power supply without the fuse in the building being tripped, it may take up to ten minutes for charging to resume automatically.

Ending the alternating current charging process (mode 2/3)

Requirements

- The distance between the key and the vehicle does not exceed 1 m.

Combo 1 vehicle socket



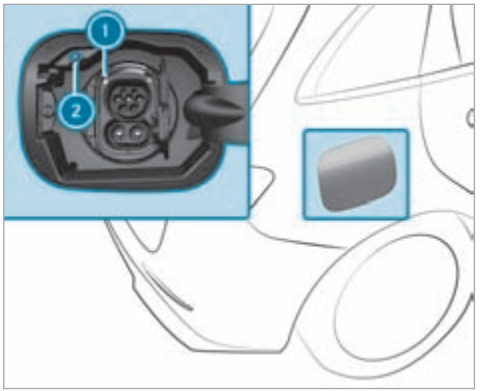
ⓘ Vehicles equipped with a type 1 vehicle socket for AC charging have no charging interruption button 3.

- **Combo 1 vehicle socket:** press charging interruption button (3).
  The charging process is ended. The [🔓] indicator lamp (1) lights up white. The vehicle socket is unlocked.
- **Type 1 vehicle socket:** unlock the vehicle.
  The charging process is ended. The [🔓] indicator lamp (1) lights up white. The vehicle socket is unlocked.
- Press and hold button (2) on the charging cable connector and remove the charging cable connector from the vehicle socket.

ⓘ If you cannot remove the charging cable connector, repeat the unlocking procedure. If the charging cable connector is still locked, contact a qualified specialist workshop.

- Close the socket cover and the socket flap.
- Remove the charging cable connector from the mains socket, or from the socket on the wallbox/charging station, and stow the vehicle's charging cable safely in the vehicle (→ page 205).

Combo 2 vehicle socket



ⓘ Vehicles only equipped with a type 2 vehicle socket for AC charging have no charging interruption button (2).

- **Combo 2 vehicle socket:** press charging interruption button (2).
  The charging process is ended. The [🔓] indicator lamp (1) lights up white. The vehicle socket is unlocked.
- **Type 2 vehicle socket:** unlock the vehicle.
  The charging process is ended. The [🔓] indicator lamp (1) lights up white. The vehicle socket is unlocked.
- Remove the charging cable connector from the vehicle socket within 30 seconds.
  After the 30 seconds have elapsed, the vehicle socket will be locked again.

ⓘ If you cannot remove the charging cable connector, repeat the unlocking procedure. If the charging cable connector is still locked, contact a qualified specialist workshop.

- Close the socket cover and the socket flap.
- Remove the charging cable connector from the mains socket, or from the socket on the wallbox/charging station, and stow the vehicle's charging cable safely in the vehicle (→ page 205).

ⓘ After the charging cable connector has been disconnected, the indicator lamp ① on the vehicle socket remains lit for some time before switching off.

Starting the direct current charging process (mode 4)

⚠ **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

During the charging process, the charging cable and charge port can heat up within the permissible limits.

The permissible limit values are influenced by the following factors:

- the power supply system and the charging cable are not damaged
- the instructions for handling the charging cable and the control element on the charging cable have been observed

- ▶ If the charging cable or charge port becomes too hot, have the power supply system 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 300 N) to insert the charging cable connector into the vehicle socket to the stop. You may otherwise damage the vehicle socket, the charging cable connector or their contacts.

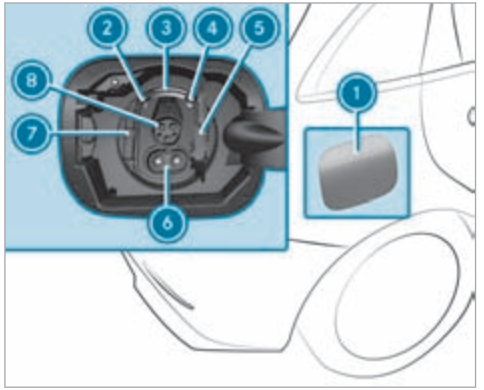
- ▶ If you feel there is increased resistance, pull the charging cable connector out of the socket and reinsert it.

Requirements

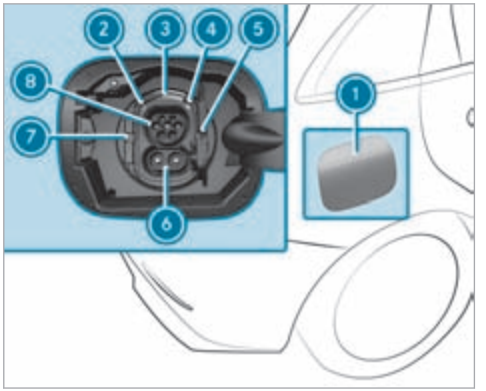
- The transmission is in position P.
- The vehicle is unlocked or the distance between the key and the vehicle does not exceed 1 m.

- The vehicle is not switched on. The READY display in the Instrument Display is off.
- The charging cable is not taut.

ⓘ Depending on the national version, the vehicle is equipped with one of the following vehicle sockets.



Combo 1 vehicle socket



Combo 2 vehicle socket

▶ Press the centre rear section of socket flap (1) and swing the socket flap forwards and open.
The [indicator] indicator lamp (2) and status display (3) light up white.

ⓘ When the vehicle is switched on (the READY display is lit in the Instrument Display), socket flap (1) cannot be opened.

▶ Press catch (7) to the left and fold open socket cover (5).

ⓘ The CCS charging cable connector requires connections (6) and (8). Therefore, it is necessary to open both parts of socket cover (5).

▶ Insert the CCS charging cable connector into the vehicle socket to the stop.
Make sure that the charging cable is not taut when inserted.
The [battery] indicator lamp (4) and status display (3) flash orange and, as soon as the high-voltage battery is charged, green.

When the charging cable is connected to the vehicle, the vehicle cannot be started or moved.

At the start of the charging process, the charge level display is shown in the Instrument Display with a charging prediction. The charging prediction either refers to the predicted charge level at the set departure time, or the time at which the high-voltage battery will be fully charged.

ⓘ Depending on the temperature, the fan and battery cooling system may audibly switch on during the charging process.

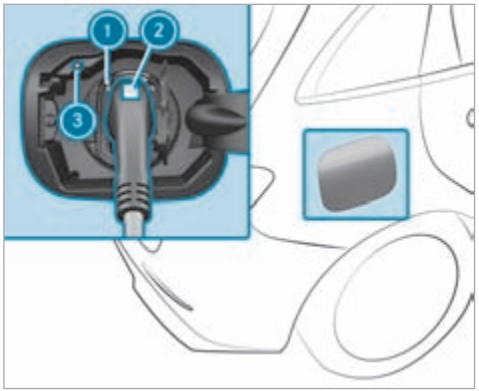
ⓘ If the vehicle is idle for lengthy periods and connected to the mains supply, the high-voltage battery will be recharged automatically as needed or when electrical consumers are activated (e.g. the pre-entry climate control).

Ending the direct current charging process (mode 4)

Requirements

- The distance between the key and the vehicle does not exceed 1 m.

Combo 1 vehicle socket



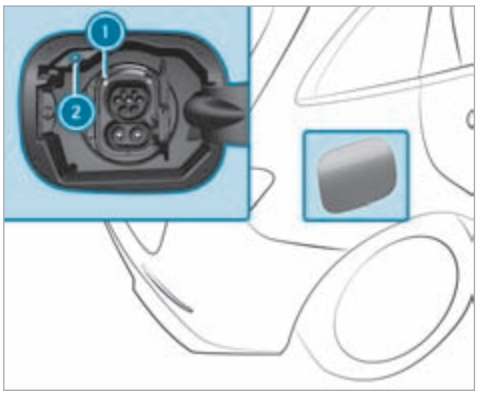
▶ Press charging interruption button 3. The charging process is ended. The indicator lamp 1 lights up white. The vehicle socket is unlocked.

▶ Press and hold button 2 on the charging cable connector and remove the charging cable connector from the vehicle socket.

ⓘ If you cannot remove the charging cable connector, unlock the vehicle and repeat the procedure. If the charging cable connector is still locked, contact a qualified specialist workshop.

▶ Close the socket cover and the socket flap.

Combo 2 vehicle socket



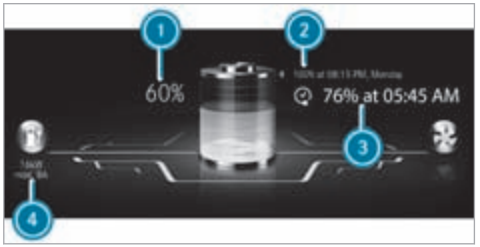
- Press charging interruption button (2). The charging process is ended. The indicator lamp (1) lights up white. The vehicle socket is unlocked.
- Remove the charging cable connector from the vehicle socket.

If you cannot remove the charging cable connector, unlock the vehicle and repeat the procedure. If the charging cable connector is still locked, contact a qualified specialist workshop.

- Close the socket cover and the socket flap.

After the charging cable connector has been disconnected, the left indicator lamp (1) on the vehicle socket remains lit for some time before switching off.

Function of the charge level display in the Instrument Display



1. Current charge level
2. Time at which completely charged
3. Predicted charge level at pre-selected departure time
4. Current charging capacity

When the vehicle is connected to the mains supply and is switched off, the Instrument Display shows the charge level display for approximately two minutes.

The value of current charging capacity (4) can differ from the display on the charging station. At a charging capacity of 10 kW or higher, the value in the charge level display is rounded off and shown without a decimal place.

The value in (3) varies depending on the setting of the charging process. It displays the charging prediction, e.g. the time at which the selected charge level will be reached or the charge level at the pre-selected departure time.

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 kerb 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 Accident- and risk of injury with unsupervised children in the vehicle

If you leave children unattended in the vehicle, they can in particular

- Open doors and thereby endanger other persons or road users.
- get out of the car and are hit by traffic.
- Operate vehicle equipment and become trapped, forexample.

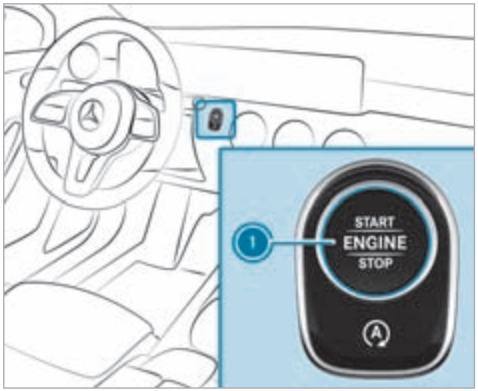
In addition, the children could also set the vehicle in motion, for exampleby:

- releasing the parking brake.
- change the gearbox setting.
- start 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 key out of reach of children.

NOTE Damage to the vehicle due to it rolling away

- Always secure the vehicle against rolling away.



- Bring the vehicle to a standstill by depressing the brake pedal.
- On uphill or downhill gradients, turn the front wheels so that the vehicle rolls towards the kerb if it starts moving.
- Apply the electric parking brake.

- ▶ Engage transmission position P in a stationary vehicle with the brake pedal depressed (→ page 191).
- ▶ Switch off the vehicle by pressing button 1.
- ▶ Release the service brake slowly.
- ▶ Get out of the vehicle and lock it.

ⓘ When you park the vehicle, you can still operate the side windows and the panoramic sliding sunroof for approximately four minutes if the driver's door is closed.

Garage door opener

Programming buttons for the garage door opener

⚠ DANGER Risk of fatal injuries due to exhaust gases

Combustion engines emit poisonous exhaust gases such as carbon monoxide. Breathing in these exhaust gases is hazardous to health and results in poisoning.

- ▶ Never leave the engine and, if present, the stationary heater, 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.

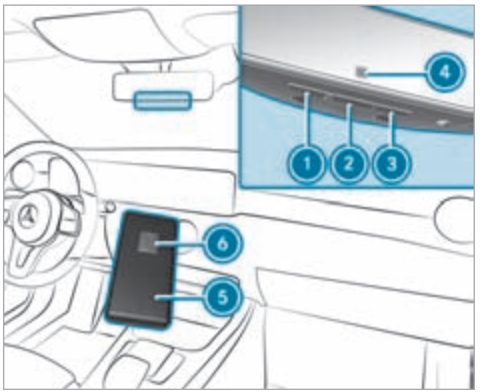
- ▶ Always make sure that nobody is within the range of the garage door's movement.

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.

ⓘ The garage door opener function is always available when the vehicle is switched on.



- ▶ Press and hold button 1, 2 or 3 that you wish to program.
  Indicator lamp 4 flashes yellow.

ⓘ It can take up to 20 seconds before the indicator lamp flashes yellow.

▶ Release the previously pressed button. Indicator lamp (4) continues to flash yellow.

▶ Point remote control (5) from a distance of 1 cm to 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, synchronisation of the rolling code with the door system must be carried out.

▶ If indicator lamp (4) does not light up or flash green: repeat the procedure.

▶ Release all of the buttons.

ⓘ The remote control for the door drive is not included in the scope of delivery of the garage door opener.

Synchronising the rolling code

Requirements
- The door system uses a rolling code.
- The vehicle must be within range of the garage door or door drive.
- The vehicle as well as persons and objects are located outside the range of movement of the door.

▶ Press the programming button on the door drive unit.
Initiate the next step within approximately 30 seconds.

▶ Press previously programmed button (1), (2) or (3) repeatedly until the door closes.
When the door closes, programming is completed.

ⓘ Please also read the operating instructions for the door drive.

Troubleshooting when programming the remote control

▶ Check if the transmitter frequency of remote control (5) is supported.

▶ Replace the batteries in remote control (5).

▶ Hold remote control (5) at various angles from a distance of 1 cm to 8 cm front of the inside rearview mirror. You should test every position for at least 25 seconds before trying another position.

▶ Hold remote control (5) at the same angles at various distances in front of the inside rear view mirror. You should test every position for at least 25 seconds before trying another position.

▶ On remote controls that transmit only for a limited period, press button (6) on remote control (5) again before transmission ends.

▶ Angle the aerial line of the garage door opener unit towards the remote control.

ⓘ It is possible that older garage doors cannot be operated using the remote control in the inside rearview mirror even after you have successfully performed the measures described above. If this is the case, contact the HomeLink® Hotline.

ⓘ Support and additional information on programming:
- on the HomeLink® Hotline on (0) 08000 466 354 65 or +49 (0) 6838 907-277

- on the Internet at https://www.homelink.com

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 keep it 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 ④ flashes green: release buttons ① and ③. The entire memory has been deleted.

Electric parking brake

Function of the electric parking brake (applying automatically)

⚠ **WARNING** Accident- and risk of injury with unsupervised children in the vehicle

If you leave children unattended in the vehicle, they can in particular

- Open doors and thereby endanger other persons or road users.
- get out of the car and are hit by traffic.
- Operate vehicle equipment and become trapped, forexample.

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

- releasing the parking brake.
- change the gearbox setting.
- start 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 key out of reach of children.

The electric parking brake is applied if the transmission is in position P and one of the following conditions is fulfilled:

- The vehicle is switched off.
- The seat belt tongue is not inserted in the seat belt buckle of the driver's seat and the driver's door is opened.

ⓘ To prevent application: pull the handle of the electric parking brake (→ page 225).

In the following situations, the electric parking brake is also applied:

- The HOLD function is keeping the vehicle stationary.
- Active Parking Assist is keeping the vehicle stationary.
- Active Distance Assist DISTRONIC is bringing the vehicle to a standstill.
- **In addition, one of the following conditions must be fulfilled:**

- The vehicle is switched off.
- The seat belt tongue is not inserted in the seat belt buckle of the driver's seat and the driver's door is opened.
- There is a system malfunction.
- The power supply is insufficient.
- The vehicle is stationary for a lengthy period.

When the electric parking brake is applied, the red (P) indicator lamp lights up in the Instrument Display.

ⓘ 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 (releasing automatically)

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 depress the accelerator pedal or you shift from transmission position P to D or R when on level ground.
- If the transmission is in position R, the tailgate must be closed.
- The seat belt tongue is inserted into the seat belt buckle of the driver's seat.

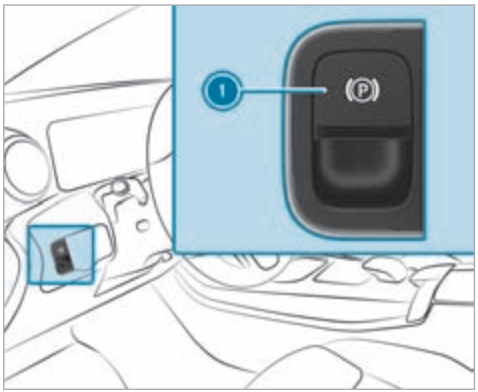
  If the seat belt tongue is not inserted into the seat belt buckle of the driver's seat, one of the following conditions must be fulfilled:
  - You shift from transmission position P.

    or
  - You have previously driven at speeds greater than 3 km/h.

When the electric parking brake is released, the red (P) indicator lamp in the Instrument Display goes out.

Applying/releasing the electric parking brake manually

Applying



▶ Push handle 1.
The red (P) indicator lamp lights up in the Instrument Display.

ⓘ The electric parking brake is only securely applied if the red Ⓟ indicator lamp is lit continuously.

Releasing

- ▶ Switch on the vehicle.
- ▶ Pull handle ①.
  The red Ⓟ indicator lamp in the Instrument Display goes out.

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 flashes.
  When the vehicle has been braked to a standstill, the electric parking brake is applied. The red Ⓟ indicator lamp lights up in the Instrument Display.

Information on collision detection on a parked vehicle

If a collision is detected on the locked vehicle when towing protection is switched on and collision detection is switched on, you will receive a message in the multimedia system when the vehicle is switched on.

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:

- The parked vehicle is moved, forexample, in a two-storey garage.

ⓘ Deactivate tow-away protection in order to prevent inadvertent activation. If you deactivate tow-away protection, collision detection will also be deactivated.

System limits

Detection may be restricted in the following situations:

- the vehicle is damaged without impact, forexample, 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

ⓘ You are responsible for your vehicle. Convince yourself that your vehicle is free of damage and roadworthy.

Notes on parking up the vehicle

If you leave the vehicle parked up for longer than six weeks, it may suffer damage through disuse.

The 12 V battery may also be impaired or damaged by heavy discharging.

Vehicles with automatic transmission: do not disconnect the 12 V battery even if the vehicle is left idle for a lengthy period.

ⓘ 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 minimised during extended periods of non-operation.

Standby mode is characterised by the following:

- The starter battery is preserved.
- The maximum non-operational time appears on the media display.
- The connection to online services is interrupted.
- The ATA (anti-theft alarm system) is not available.
- The interior protection and tow-away protection functions are not available.
- The function for detecting collisions on a parked vehicle is not available.

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:

- If the vehicle's non-operational time needs to be extended.
- If 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 off.

Multimedia system:

↪ ⌂ ▸▸ Settings ▸▸ Vehicle

▶ Activate or deactivate Standby mode.

▶ Select Yes.

Driving and driving safety systems

Driving systems and your responsibility

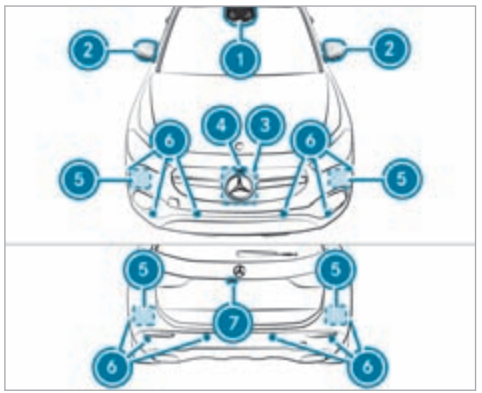
Your vehicle is equipped with driving systems which assist you in driving, parking and manoeuvring the vehicle. The driving systems are only aids. They are not a substitute for you paying attention to your surroundings and do not relieve you of your responsibility pertaining to road traffic law. The 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 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.

ⓘ 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 outside mirrors
3. Front radar
4. Front camera
5. Corner radars
6. Ultrasonic sensors
7. Reversing 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 358). The sensors and cameras must not be covered and the detection ranges around them must be kept free. Do not attach additional licence plate brackets, advertisements, stickers, foils or foils to protect against stone chippings in the detection range of the sensors and cameras. Make sure that there are no overhanging loads protruding into the detection range.

If there is damage to a bumper or the radiator grille, 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.

Overview of driving systems and driving safety systems

- ABS (**A**nti-lock **B**raking **S**ystem) (→ page 229)
- Off-road ABS (→ page 230)
- BAS (**B**rake **A**ssist **S**ystem) (→ page 230)
- ESP® (**E**lectronic **S**tability **P**rogram) (→ page 230)
- ESP® Crosswind Assist (→ page 232)

- ESP® trailer stabilisation (→ page 232)
- EBD (**E**lectronic **B**rakeforce **D**istribution) (→ page 233)
- STEER CONTROL (→ page 233)
- HOLD function (→ page 233)
- Hill Start Assist (→ page 234)
- Adaptive Brake Lights (→ page 234)
- Start-off assist (→ page 235)
- ATTENTION ASSIST (→ page 235)
- Cruise control (→ page 237)
- Limiter (→ page 238)
- Traffic Sign Assist (→ page 257)
- Speed Limit Assist (country-dependent) (→ page 255)
- Suspension with adaptive damping adjustment (→ page 264)

Driving Assistance Package

The following functions are part of the Driving Assistance Package. Certain functions are only available in some countries. Some functions are also available without the Driving Assistance Package, albeit with restricted functionality.

- Active Distance Assist DISTRONIC (→ page 240)
- Active Speed Limit Assist (country-dependent) (→ page 244)
- Route-based speed adaptation (country-dependent) (→ page 245)
- DSR (**D**ownhill **S**peed **R**egulation) (→ page 246)
- Active Brake Assist (→ page 250)
- Active Steering Assist (country-dependent) (→ page 248)
- Active Emergency Stop Assist (country-dependent) (→ page 250)
- Blind Spot Assist and Active Blind Spot Assist with exit warning (→ page 259)
- Active Lane Keeping Assist (→ page 262)

Parking Package

- Reversing camera (→ page 265)
- 360° Camera (→ page 267)
- Parking Assist PARKTRONIC (→ page 270)
- Active Parking Assist (→ page 275)

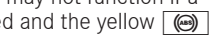
Functions of ABS

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 tyre 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. 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.

Functions of Off-road ABS

ⓘ Off-road ABS is activated automatically when you select the drive program.

Off-road ABS is specially adapted for driving off-road:

- The front wheels lock cyclically during braking.
- The braking distance is shortened due to the digging-in effect.

System limits

- Off-road ABS functions at speeds below 40 km/h.
- If Off-road ABS intervenes, the ability to steer may be restricted.

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.

Functions of ESP®

⚠ **WARNING** Risk of skidding if ESP® is deactivated

If you deactivate ESP®, ESP® cannot carry out vehicle stabilisation.

▶ ESP® should only be deactivated in the following situations.

! **NOTE** Mercedes-AMG vehicles

▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

The Electronic Stability Program (ESP®) can monitor and improve driving stability and traction in the following situations within physical limits:

- When pulling away on wet or slippery carriageways.
- When braking.
- **Vehicles with trailer hitch:** in trailer operation from speeds of 65 km/h, if the vehicle/trailer combination begins to sway from side to side.
- In strong side winds when you are driving faster than 80 km/h.

If the vehicle deviates from the direction desired by the driver, ESP® can stabilise the vehicle by intervening in the following ways:

- One or more wheels are braked.
- The engine output is adapted according to the situation.

ESP® is deactivated if the ESP® OFF warning lamp lights up continuously in the Instrument Display:

- Driving stability will no longer be improved.
- **Vehicles with trailer hitch:** stabilisation of the vehicle/trailer combination is no longer active.
- Crosswind Assist is no longer active.
- The drive wheels could spin.
- ETS/4ETS traction control is still active.

ⓘ When ESP® is deactivated, you are still assisted by ESP® when braking.

If the ESP® warning lamp flashes in the Instrument Display, one or several wheels has reached its grip limit:

- Adapt your driving style to suit the current road and weather conditions.
- Do not deactivate ESP®.
- Only depress the accelerator pedal as far as is necessary when pulling away.

Deactivate ESP® in the following situations to improve traction:

- When using snow chains.
- In deep snow.
- On sand or gravel.

ⓘ Spinning the wheels results in a cutting action, which enhances traction.

If the ESP® warning lamp lights up continuously, ESP® is not available due to a malfunction.

ETS/4ETS (Electronic Traction System)

ETS/4ETS traction control is part of ESP® and makes it possible to pull away and accelerate on a slippery carriageway.

If you select the drive program, a special ETS system specifically suited to off-road terrain is automatically activated.

ETS/4ETS can improve the vehicle's traction by intervening in the following ways:

- The drive wheels are braked individually if they spin.
- More drive torque is transferred to the wheel or wheels with traction.

Influence of drive programs on ESP®

The drive programs enable ESP® to adapt to different weather and road conditions as well as the driver's preferred driving style. Depending on the selected drive program, the appropriate ESP® mode will be activated. You can select the drive programs using the DYNAMIC SELECT switch (→ page 188).

Function of ESP® Crosswind Assist

ESP® Crosswind Assist detects sudden gusts of side wind and helps the driver to keep the vehicle in the lane:

- ESP® Crosswind Assist is active at vehicle speeds between approx. 80 km/h and 200 km/h when driving straight ahead or cornering slightly.
- The vehicle is stabilised by means of individual brake application on one side.

Function of ESP® trailer stabilisation

⚠ WARNING Risk of accident in poor road and weather conditions

In poor road and weather conditions, the trailer stabilisation cannot prevent lurching of the vehicle/trailer combination. Trailers with a high centre of gravity may tip over before ESP® detects this.

▶ Always adapt your driving style to suit the current road and weather conditions.

When driving with a trailer, ESP® can stabilise your vehicle if the trailer begins to swerve from side to side:

- ESP® trailer stabilisation is active above speeds of 65 km/h.
- Slight swerving is reduced by means of a targeted, individual brake application on one side.
- In the event of severe swerving, the operating energy output is also reduced and all wheels are braked.

ESP® trailer stabilisation may be impaired or may not function if:

- The trailer is not connected correctly or is not detected properly by the vehicle.

Activating/deactivating ESP® (Electronic Stability Program)

Multimedia system:

↝ ⌂ ▸▸ Settings ▸▸ Quick access

ⓘ ESP® can only be activated/deactivated using quick access when at least one other function is available in quick access. ESP® can otherwise be found in the Assistance menu.

! NOTE Mercedes-AMG vehicles

▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

▶ Select ESP.

▶ Select On or OFF Off.

ⓘ If ESP® is deactivated and drive program EL was previously selected, drive program C is automatically activated the next time the vehicle is started.

ESP® is deactivated if the OFF ESP® OFF warning lamp lights up continuously in the instrument cluster.

Observe the information on warning lamps and display messages which may be shown in the instrument cluster.

Function of EBD

Electronic Brakeforce Distribution (EBD) is characterised 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 stabilisation.

This steering recommendation is given in the following situations:

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

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 electric 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 waiting in traffic.

The HOLD function is only an aid. The responsibility for the vehicle safely standing still remains with the driver.

System limits

The HOLD function is only intended to provide assistance when driving and is not a sufficient means of safeguarding the vehicle against rolling away when stationary.

- The incline must not be greater than 30%.

Activating/deactivating the HOLD function

⚠ **WARNING** Risk of an accident due to the HOLD function being active when you leave the vehicle

If the vehicle is only braked with the HOLD function it could, in the following situations, roll away:

- If there is a malfunction in the system or in the power supply.
- If the HOLD function is deactivated by depressing the accelerator pedal or brake pedal, e.g. by a vehicle occupant.

▶ Always secure the vehicle against rolling away before you leave it.

Requirements:

- The vehicle is stationary.
- The driver's door is closed or the seat belt on the driver's side is fastened.
- The vehicle has been started or has been automatically switched off by the ECO start/stop function.

- The electric parking brake is released.
- Active Distance Assist DISTRONIC is deactivated.
- The transmission is in position D, R or N.

Activating the HOLD function

▶ Depress the brake pedal, and after a short time quickly depress further until the HOLD display appears in the Instrument Display.

▶ Release the brake pedal.

Deactivating the HOLD function

▶ Depress the accelerator pedal to pull away.

or

▶ Depress the brake pedal until the HOLD display disappears from the Instrument Display.

The HOLD function is deactivated in the following situations:

- Active Distance Assist DISTRONIC is activated.
- The transmission is shifted to position P.
- The vehicle is secured with the electric parking brake.

In the following situations, the vehicle is held by transmission position P and/or by the electric parking brake:

- The seat belt is unfastened and the driver's door is opened.
- The vehicle is switched off.
- There is a system malfunction.
- The power supply is insufficient.

Function of Hill Start Assist

Hill Start Assist holds the vehicle for a short time when pulling away on a hill under the following conditions:

- The transmission is in position D or R.
- The electric parking brake is released.

This gives you enough time to move your foot from the brake pedal to the accelerator pedal and depress it before the vehicle begins to roll away.

⚠ WARNING Risk of accident and injury due to the vehicle rolling away

After a short time, Hill Start Assist no longer holds the vehicle.

▶ Swiftly move your foot from the brake pedal to the accelerator pedal. Do not leave the vehicle when it is being held by Hill Start Assist.

Function of Adaptive Brake Lights

Adaptive Brake Lights warn following traffic in an emergency braking situation with the following actions:

- flashing the brake lamps
- activating the hazard warning lights (→ page 142)

If the vehicle is braked sharply from speeds above 50 km/h, the brake lamps flash rapidly. This provides traffic travelling behind you with an even more noticeable warning.

Start-off assist

Function of the start-off assist

The start-off assist enables optimal vehicle acceleration from a standstill. For this, a suitably high-grip road surface is required, the tyres and vehicle must also be in good condition.

Do not activate the start-off assist on public roads.

Be sure to observe the safety notes and information on ESP® (→ page 230).

Activating the start-off assist

WARNING Risk of skidding and having an accident from wheels spinning

When you use start-off assist, individual wheels could spin and you could lose control of the vehicle.

If ESP® is deactivated, there is a risk of skidding and accident!

- Make sure that no persons or obstacles are in the close vicinity of your vehicle.
- Deactivating ESP® (→ page 232).
- Move the steering wheel to the straight-ahead position.
- Depress the brake pedal firmly with your left foot and keep it depressed.
- Engage the D drive position (→ page 192).
- Select the sportiest available drive program S+ or S (→ page 188).
- Rapidly depress the accelerator pedal fully.
- Take your foot off the brake, but keep the accelerator pedal depressed.
  The vehicle pulls away at maximum acceleration.
- Switch on ESP® once the acceleration procedure is complete. ESP® will otherwise not be able to stabilise the vehicle if the vehicle starts to skid or a wheel starts to spin.

Cancelling the start-off assist

- Remove your foot from the accelerator pedal.
- Reactivate the ESP®.

ATTENTION ASSIST

Function of ATTENTION ASSIST

ATTENTION ASSIST assists you on long, monotonous journeys, e.g. on motorways and trunk roads. If ATTENTION ASSIST detects indicators of fatigue or increasing lapses in concentration on the part of the driver, it suggests taking a break.

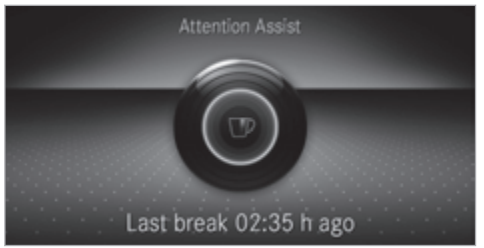
ATTENTION ASSIST is only an aid. It cannot always detect fatigue or lapses in concentration in time. The system is not a substitute for a well-rested and attentive driver. On long journeys, take regular breaks in good time that allow for adequate recuperation.

You can choose between two settings:

- **Standard:** normal system sensitivity.
- **Sensitive:** higher system sensitivity. The driver is warned earlier and the attention level detected by ATTENTION ASSIST is adapted accordingly.

If drowsiness or increasing lapses in concentration are detected, the ATTENTION ASSIST: Take a break! warning appears in the Instrument Display. You can acknowledge the message and take

a break where necessary. If you do not take a break and ATTENTION ASSIST continues to detect increasing lapses in concentration, you will be warned again after a minimum of 15 minutes.



You can have the following status information for ATTENTION ASSIST displayed in the assistance menu of the on-board computer:

- The length of the journey since the last break.
- The attention level determined by ATTENTION ASSIST:
  - the fuller the circle, the higher the attention level determined
  - as your attention wanes, the circle in the centre of the display becomes smaller

If ATTENTION ASSIST is unable to calculate the attention level and cannot issue a warning, the System suspended message appears.

If a warning is given in the Instrument Display, the multimedia system offers to search for a rest area. You can select a rest area and start navigation to this rest area. This function can be activated and deactivated in the multimedia system.

If ATTENTION ASSIST is deactivated, the symbol appears in the assistance graphic in the Instrument Display. After the vehicle is started, ATTENTION ASSIST is automatically activated. The last selected sensitivity level remains stored.

System limits

ATTENTION ASSIST is active in the 60 km/h to 200 km/h speed range.

Particularly in the following situations, ATTENTION ASSIST only functions in a restricted manner and warnings may be delayed or not occur:

- If you have been driving for less than approximately 30 minutes.
- If the road condition is poor (uneven road surface or potholes).
- If there is a strong side wind.
- If you adopt a sporty driving style (high cornering speeds or high rates of acceleration).
- If Active Steering Assist is activated and active (→ page 248).
- If the time has been set incorrectly.
- If you change lanes and vary your speed frequently in active driving situations.

The ATTENTION ASSIST drowsiness or alertness assessment is reset and restarted when continuing the 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 ▸▸ Attention Assist

Setting options

- Select Standard, Sensitive or Off.

Suggesting a rest area

- Select Suggest rest area.
- Activate or deactivate the function.
  If ATTENTION ASSIST detects fatigue or increasing lack of attention, it suggests a rest area in the vicinity.
- Select the suggested rest area.
  You are guided to the selected rest area.

Cruise control and limiter

Function of cruise control

Cruise control regulates the speed to the value selected by the driver.

If you accelerate to overtake, forexample, the stored speed is not deleted. If you remove your foot from the accelerator pedal after overtaking, cruise control will resume speed regulation back to the stored speed.

You can store any speed above 20 km/h up to the maximum design speed or up to the set winter tyre limit.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 227).

Mercedes-AMG vehicles: cruise control is available up to a maximum speed of 250 km/h.

Displays in the Instrument Display

- (grey): cruise control is selected but not yet activated.
- (green): cruise control is active.

A stored speed appears along with the display.

ⓘ The segments extending from the current stored speed to the end of the scale, or to the set winter tyre limit, light up in the speedometer.

System limits

Cruise control may be unable to maintain the stored speed on uphill gradients. The stored speed is resumed when the gradient evens out.

Change into a lower gear in good time on long and steep downhill gradients. Take particular note of this when driving a laden vehicle. By doing so, you will make use of the engine's braking effect. This relieves the load on the brake system and prevents the brakes from overheating and wearing too quickly.

Do not use cruise control in the following situations:

- in traffic situations which require frequent changes of speed, e.g. in heavy traffic, on winding roads
- on slippery roads. Accelerating can cause the drive wheels to lose traction and the vehicle could then skid.
- when visibility is poor

Function of the limiter

The limiter restricts the speed of the vehicle. To reduce the speed to the set speed, the limiter applies the brakes automatically.

You can limit the speed as follows:

- **Variable:** for a short-term speed restriction, e.g. in built-up areas
- **Permanent:** for a longer-term speed restriction, e.g. in winter tyre mode

You can store any speed above 20 km/h up to the maximum design speed or up to the set winter tyre limit. You can also perform settings while the vehicle is stationary if the vehicle has been started.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 227).

Mercedes-AMG vehicles: the limiter is available up to a maximum speed of 250 km/h.

Displays in the Instrument Display

- LIM (grey): variable limiter is selected but not yet activated.
- LIM (flashes grey): variable limiter is temporarily passive.
- LIM (green): variable limiter is activated.

A stored speed appears along with the LIM display. The segments in the speedometer light up, up to the currently stored speed.

If you depress the accelerator pedal beyond the pressure point (kickdown), the variable limiter switches to passive mode. The Limiter passive message appears in the Instrument Display and the LIM display flashes.

The variable limiter is reactivated in the following situations:

- If the vehicle speed drops below the stored speed.
- If the stored speed is called up.
- If you store a new speed.

Operating cruise control or the variable limiter

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.

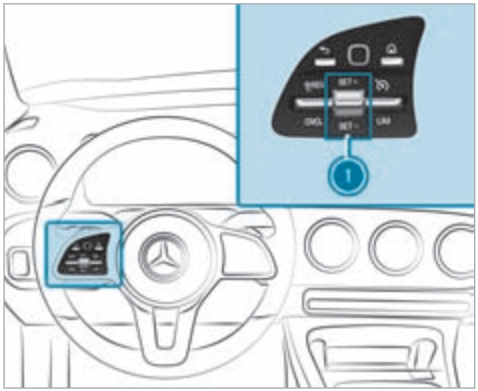
Requirements

Cruise control

- Cruise control is selected.
- ESP® must be activated, but not intervening.
- The vehicle speed is at least 20 km/h.
- The transmission is in position D.

Variable limiter

- The variable limiter is selected.



- **To operate cruise control or the variable limiter:** press the rocker switch on the steering wheel control unit up or down to the desired position.

Switching between cruise control and the variable limiter

- **To select cruise control:** select [⏲] with the right rocker switch.
- **To select the variable limiter:** select [LIM] with the right rocker switch.

ⓘ Vehicles with Active Distance Assist DISTRONIC: the variable limiter is selected by a different button (→ page 243).

Activating cruise control or the variable limiter

- Press rocker ① switch up [SET/+] or down [SET/–].
  The current vehicle speed is stored and the vehicle maintains this speed (cruise control) or does not exceed it (variable limiter).

or

- Select [RES/] with the left rocker switch.
  The last stored speed is called up and the vehicle maintains this speed (cruise control) or does not exceed it (variable limiter).
  If the last stored speed has previously been deleted, the current vehicle speed is stored.

ⓘ When you switch off the vehicle, the last speed stored is deleted.
When you activate cruise control or Active Distance Assist DISTRONIC, the last speed stored for the variable limiter is deleted.

Increasing/decreasing the stored speed

- 1 km/h: press rocker switch ① up [SET/+] or down [SET/–] to the pressure point, or press and hold (increments of1 km/h).

or

- 10 km/h: press rocker switch ① up [SET/+] or down [SET/–] beyond the pressure point, or press and hold (increments of10 km/h).

or

- Accelerate the vehicle to the desired speed and press rocker switch ① up [SET/+].

Adopting a detected speed

- Activate cruise control or the variable limiter.
- If a traffic sign has been detected and is displayed: Select with the left rocker [RES/] switch.
  The maximum permissible speed shown by the traffic sign is stored and the vehicle maintains or does not exceed this speed.

Deactivating cruise control or the variable limiter

- Select [CNCL] with the left rocker switch.

ⓘ If you brake, deactivate ESP® or if ESP® intervenes, cruise control is deactivated. The variable limiter is not deactivated.

Information on the permanent limiter

If the vehicle should never exceed a specific speed (e.g. for driving in winter tyre mode), you can set this speed with the permanent limiter.

You do this by limiting the speed between 160 km/h and 240 km/h in the multimedia system (→ page 240).

Shortly before the set speed is reached, it appears in the Instrument Display. When you confirm the message, display messages no longer appear until you switch off the vehicle. The speed will only be displayed again once the vehicle has been restarted or if the set speed is changed.

The permanent limiter does not switch to passive mode even during kickdown and the driven speed remains below the set speed.

Setting the limit speed for winter tyres

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Vehicle ▸▸ Winter tyres limit

▶ Select a speed or deactivate the function.

Active Distance Assist DISTRONIC

Function of Active Distance Assist DISTRONIC

DISTRONIC Active Distance Assist maintains the set speed when driving freely. 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.

Available speed range:

- **Vehicles without Driving Assistance Package:** 20 km/h - 200 km/h
- **Vehicles with Driving Assistance Package:** 20 km/h - 210 km/h

Other features of Active Distance Assist DISTRONIC:

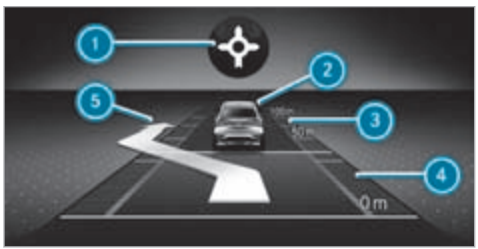
- Adjusts the driving style depending on the selected drive program (fuel-saving, comfortable or dynamic)
- Initiates acceleration to the stored speed if the turn signal indicator is switched on to change to the overtaking lane
- **Vehicles with Driving Assistance Package:**
  - Reacts to stationary vehicles detected in urban speed ranges (except bicycles and motorcycles)
  - Takes one-sided overtaking restrictions into account on motorways or on multi-lane roads with separate carriageways (country-dependent)

Vehicles with Driving Assistance Package and Parking Package: if the vehicle has been braked to a standstill on multi-lane, separate carriageways by Active Distance Assist DISTRONIC, it can automatically follow the vehicle in front when driving off again within 30 seconds. If a critical situation is detected when driving off, a visual and acoustic warning is given indicating 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; you may otherwise fail to recognise dangers (→ page 227).

Active Distance Assist DISTRONIC displays in the Instrument Display



Assistant display

1. Route-based speed adaptation: type of route event (→ page 245)
2. Vehicle in front
3. Distance indicator
4. Set specified distance
5. Active Lane Change Assist lane change display

Permanent status display of Active Distance Assist DISTRONIC

- (white): Active Distance Assist DISTRONIC selected, specified distance set
- (white vehicle, green speedometer): Active Distance Assist DISTRONIC active, specified distance set and no vehicle detected
- (green): Active Distance Assist DISTRONIC active, specified distance set and vehicle detected
- : Route-based speed adaptation active (→ page 245).

The stored speed is shown along with the permanent status display and highlighted on the speedometer. When Active Distance Assist DISTRONIC is passive, the speed is greyed out.

ⓘ On motorways or high-speed major roads, the green vehicle symbol is displayed cyclically when the vehicle is ready to pull away.

ⓘ If you depress the accelerator pedal beyond the setting of the Active Distance Assist DISTRONIC, the system is switched to passive mode. The suspended message will appear on the Instrument Display.

Display on the speedometer

The stored speed is highlighted on the speedometer. If the speed of the vehicle in front or the speed adjustment for the route event ahead is less than the stored speed, the segments in the speedometer light up. The Instrument Display shows the deactivation of Active Distance Assist DISTRONIC, as well as alterations to the speed due to manual or automatic adoption of the maximum permissible speed.

System limits

The system may be impaired or may not function in the following situations,for example:

- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.
- If there is swirling dust, e.g. when driving off-road or on sandy surfaces.

- The windscreen in the area of the camera is dirty, misted up, damaged or covered.
- If the radar sensors are dirty or covered.
- In multi-storey car parks or on roads with steep uphill or downhill gradients.
- If there are narrow vehicles in front, such as bicycles or motorcycles.

In addition, on slippery roads, braking or accelerating can cause one or several wheels to lose traction and the vehicle could then skid.

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

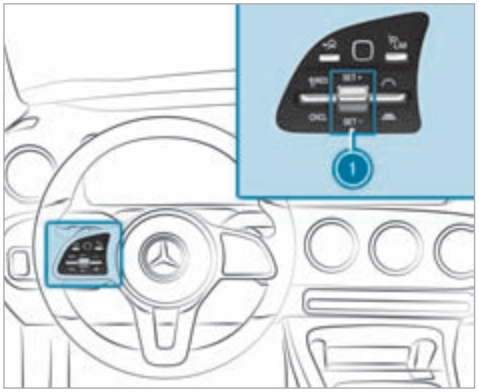
As a result, Active Distance Assist DISTRONIC may neither give warnings nor intervene in such situations.

▶ Always observe the traffic conditions carefully and react accordingly.

Operating Active Distance Assist DISTRONIC

Requirements

- The electric parking brake is released.
- ESP® is activated and is not intervening.
- The transmission is in position D.
- The driver's door is closed.
- Check of the radar sensor system has been successfully completed.
- Parking Assist PARKTRONIC is not being used to park the vehicle or to exit from a parking space.
- DSR is deactivated.



▶ **To operate Active Distance Assist DISTRONIC:** press the rocker switches on the steering wheel control unit up or down to the desired position.

Switching between Active Distance Assist DISTRONIC and the limiter

▶ Press button LIM.

Activating the variable limiter or Active Distance Assist DISTRONIC

▶ **To activate without a stored speed:** press rocker switch 1 up SET/+ or down SET/–, or select RES/ with the left rocker switch.

or

▶ **To activate with a stored speed:** select RES/ with the left rocker switch.

▶ **Active Distance Assist DISTRONIC:** remove your foot from the accelerator pedal.
The current vehicle speed is stored and maintained (Active Distance Assist DISTRONIC) or limited (variable limiter) by the vehicle.

Adopting a detected speed limit

▶ Activate Active Distance Assist DISTRONIC.

▶ If a traffic sign has been detected and is shown in the instrument display: Use the left rocker switch to select RES/.
The maximum permissible speed on the traffic sign is adopted as the stored speed. The vehicle adapts its speed to that of the vehicle in front, but only up to the stored speed.

Pulling away with Active Distance Assist DISTRONIC

- Activate Active Distance Assist DISTRONIC and remove your foot from the brake pedal.
- Select RES/ with the left rocker switch.

or

- Depress the accelerator pedal briefly and firmly.
  The functions of Active Distance Assist DISTRONIC continue to be carried out.

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.
- Select CNCL with the left rocker switch.

ⓘ If you brake, deactivate ESP® or if ESP® intervenes, Active Distance Assist DISTRONIC is deactivated.

Increasing/decreasing the stored speed

- 1 km/h: press rocker switch (1) up SET/+ or down SET/– to the pressure point, or press and hold (increments of1 km/h).

or

- 10 km/h: press rocker switch (1) up SET/+ or down SET/– beyond the pressure point, or press and hold (increments of10 km/h).

or

- Accelerate the vehicle to the desired speed and press rocker switch (1) up SET/+.

Changing the specified distance to the vehicle in front

- **To reduce the specified distance:** press the right rocker switch up ().
- **To increase the specified distance:** press the right rocker switch down ().

Function of Active Speed Limit Assist

If a change in the speed limit of 20 km/h or more is detected and automatic adoption of speed limits is activated, the new speed limit is automatically adopted as the stored speed (→ page 258).

The driven speed is 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 is adapted according to the speed permitted within the urban area. The speed limit display in the Instrument Display is always updated when the vehicle is level with the traffic sign.

If there is no speed restriction on an unlimited stretch of road (e.g. on a motorway), the recommended speed is automatically adopted as the stored speed. The system uses the speed stored on an unlimited stretch of road as the recommended speed. If you do not alter the stored speed on an unlimited stretch of road, the recommended speed is 130 km/h.

If Active Distance Assist DISTRONIC has been put into passive mode by pressing the accelerator pedal, only speed limits which are higher than the set speed are adopted.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 227).

System limits

The system limits of Traffic Sign Assist apply to the detection of traffic signs (→ page 257).

Speed limits below 20 km/h are not automatically adopted by the system as the stored speed. Temporary speed restrictions (e.g. for a certain time or due to weather conditions) cannot be properly detected by the system. The maximum permissible speed applying to a vehicle with a trailer is not detected by the system.

Adjust the speed in these situations.

⚠ **WARNING** Risk of accident due to Active Speed Limit Assist adapting the vehicle's speed

The speed adopted by Active Speed Limit Assist may be too high or incorrect in some individual cases, such as:

- at speed limits below 20 km/h
- in wet conditions or in fog
- when towing a trailer

▶ Ensure that the driven speed complies with traffic regulations.

▶ Adjust the driving speed to suit 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 negotiates a route event ahead in an economical, comfortable or dynamic manner. When the route event has been passed, the vehicle accelerates again to the stored speed. The set distance to the vehicle in front, vehicles detected ahead and speed restrictions ahead are taken into account.

You can activate and deactivate route-based speed adaptation in the multimedia system (→ page 246).

The following route events are taken into account:

- Bends
- T-junctions, roundabouts and toll stations
- Turns and exits
- Traffic jams ahead (only with Live Traffic Information)

ⓘ When the toll station is reached, Active Distance Assist DISTRONIC adopts the speed as the stored speed.

Also, the speed is reduced if the turn signal indicator to change lanes is switched on and one of the following situations is detected:

- Turning at junctions
- Driving on slowing-down lanes
- Driving on 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 junctions, roundabouts 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 is carried out automatically. If the turn signal indicator is switched on, the selected route

is confirmed and further speed adjustment is activated.

Speed adaptation is cancelled in the following cases:

- If the turn signal indicator is switched off before the route event.
- 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.

The speed adaptation made by the system may not always be suitable, particularly in the following situations:

- the road's course not clearly visible
- Road narrowing
- varying maximum permissible speeds in individual lanes, forexample at toll stations
- wet road surfaces, snow or ice
- when towing a trailer

In these situations the driver must intervene accordingly.

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 route-based speed adaptation

Requirements:

- Active Distance Assist DISTRONIC is activated.
- ECO Assist is active.

Multimedia system:

↳ ⌂ ▸▸ Settings ▸▸ Assistance ▸▸ Route-based speed adapt.

▶ Activate or deactivate the function.
When the function is active, the vehicle speed is adjusted depending on the route events ahead.

ⓘ Further information on the route-based speed adaptation (→ page 245).

DSR (Downhill Speed Regulation)

Function of the DSR system

DSR is an aid to assist you when driving downhill. It keeps the speed of travel at the selected target speed. The steeper the downhill gradient, the greater the D S R braking effect on the vehicle. On flat stretches of road and uphill gradients, the DSR brakes the vehicle minimally or not at all.

When DSR is activated and the transmission is in position D, R or N, DSR controls the driving speed. The target speed can be set to a value between 2 km/h and 18 km/h. By braking or

accelerating, you can drive at a higher or lower speed than the target speed at any time.

If you drive faster than 45 km/h or change the driving programme (except in /), DSR switches off automatically. The instrument display then shows the message DSR off. The status indicator in the instrument display goes out. You also hear a warning tone.

Information on DSR

WARNING Risk of skidding and accident when DSR is activated on slippery road surfaces

If the driven speed and the target speed differ, the wheels may lose traction.

- Take into account the road surface and the difference between the driving speed and target speed before activating DSR.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 227).

You are always responsible for keeping control of the vehicle and for assessing whether the downhill gradient can be negotiated. Depending on road surface and tyres, DSR may not always be able to keep to the target speed. Select a target speed suitable for the environmental conditions and also apply the brakes yourself if required.

Activating or deactivating DSR (Downhill Speed Regulation)

Requirements:

- You are driving at a speed of 40 km/h or lower.

  If the current vehicle speed is too high, the Max. speed 40 km/h message appears in the multifunction display.
- Active Distance Assist DISTRONIC is deactivated.

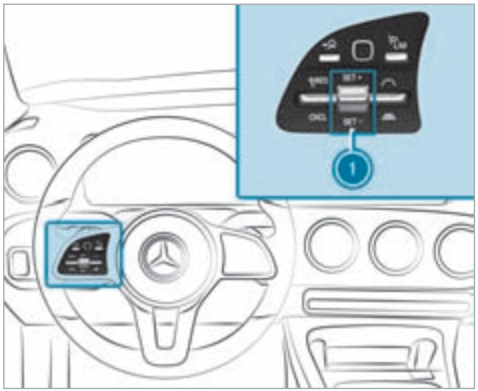
Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Quick access

- Select DSR.
  A status display appears in the multifunction display when the function is activated.

ⓘ When you switch to the drive program, the function is automatically activated.

Changing the target speed



- **To increase/reduce the target speed:** press rocker switch 1 up SET/+ or down SET/– to the point of resistance.
  The selected target speed increases or decreases by 1 km/h and appears along with the DSR symbol in the multifunction display.

Active Steering Assist

Function of Active Steering Assist

Active Steering Assist is only available up to a speed of 210 km/h. The system helps you to stay in the centre of the lane by means of moderate steering interventions. Depending on the speed driven, Active Steering Assist uses the vehicles ahead and lane markings as a reference.

ⓘ Depending on the country, in the lower speed range Active Steering Assist can use the surrounding traffic as a reference. If necessary, Active Steering Assist can then also provide assistance when driving outside the centre of the lane, forexample, to form a rescue lane.

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 the active steering assistant

- (grey): activated and passive
- (green): activated and active
- (red): system limits detected
- (white, red hands): "hands on the steering wheel" prompt

ⓘ During the transition from active to passive status, the symbol is shown as enlarged and flashing. When the passive state is reached, the symbol is displayed in grey.

ⓘ 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 and be able to 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, display 1 appears. If the driver still does not steer the vehicle, a warning tone sounds in addition to the visual warning message.

If the driver does not react to the warning for a considerable period, the system can initiate an emergency stop (→ page 250).

The warning is not issued or is stopped when the driver gives confirmation to the system:

- The driver steers the vehicle.

- **Depending on the country:** the driver presses a steering wheel button or operates Touch Control

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; you may otherwise fail to recognise dangers (⟶ page 227).

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 may be inoperative in the following instances:

- There is poor visibility, e.g. due to snow, rain, fog, heavy spray, greatly varying light conditions or strong shadows on the carriageway.
- There is glare, e.g. from oncoming traffic, direct sunlight or reflections.
- Insufficient road illumination.
- The windscreen is dirty, misted up, damaged or covered in the vicinity of the camera, e.g. by a sticker.
- No, or several, unclear lane markings are present for one lane, or the markings change quickly, forexample, in a construction area or junctions.
- 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 thus the lane markings cannot be detected.
- The road is narrow and winding.
- There are obstacles on the lane or projecting out into the lane, suchas object markers.

The system does not provide assistance in the following conditions:

- On tight bends and when turning.
- When crossing junctions.
- At roundabouts or toll stations.
- When towing a trailer.
- When the tyre 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 ›› Quick access

▶ Select 🚗 Act. Steer. Asst.

Function of Active Emergency Stop Assist



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, display 1 appears. 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.

If the driver still does not respond to the warning, the Beginning emergency stop message appears in the Instrument Display. If the driver still does not respond, Active Distance Assist DISTRONIC reduces the speed. The vehicle is decelerated in stages to a standstill.

Depending on the country, at speeds below 60 km/h the hazard warning lights switch on automatically.

When the vehicle is stationary, the following actions are carried out:

- The vehicle is secured with the electric parking brake.
- Active Distance Assist DISTRONIC is ended.
- The vehicle is unlocked.
- If possible, an emergency call is placed to the Mercedes-Benz emergency call centre.

The driver can cancel the deceleration at any time by performing one of the following actions:

- Steering
- Braking or accelerating
- Deactivating Active Distance Assist DISTRONIC

Active Brake Assist

Function of Active Brake Assist

Active Brake Assist consists of the following functions:

- Distance warning function
- Collision warning
- Autonomous braking function
- Situation-dependent brake force boosting
- **Vehicles with Driving Assistance Package:** Evasive Steering Assist and cornering function

Active Brake Assist can help you to minimise 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 sounds and the ⚠ warning lamp lights up.

Vehicles with PRE-SAFE®: depending on the country, an additional haptic warning occurs in the form of slight, repeated tensioning of the seat belt.

If you do not react to the warning, autonomous braking can be initiated in critical situations.

In especially critical situations, Active Brake Assist can initiate autonomous braking directly. In this case, the warning lamp and warning tone occur simultaneously with the braking application.

If you apply the brake yourself in a critical situation or apply the brake during autonomous braking, situation-dependent brake force boosting occurs. The brake pressure increases up to maximum full-stop braking if necessary.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (⟶ page 227).



If autonomous braking or situation-dependent brake force boosting has occurred, display (1) appears in the Instrument Display and then automatically goes out after a short time.

If the autonomous braking function or situation-dependent brake force boosting is triggered, additional preventive measures for occupant protection (PRE-SAFE®) may also be initiated.

⚠ **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. due to activation of another driving system, the OFF display message appears in the Instrument Display.

If the system is unavailable due to dirty or damaged sensors or due to a fault, or if the functions are restricted, the warning lamp appears in the driver's display.

Also observe the system limits of Active Brake Assist.

The individual subfunctions are available in various speed ranges:

The distance warning function can issue a warning in the following situations:

- From approximately 30 km/h, if over several seconds the distance maintained to the vehicle travelling in front is insufficient for the driven speed, the ⚠ distance warning lamp lights up in the Instrument Display.
- From approximately 7 km/h, if your vehicle is critically close to a vehicle, cyclist or pedestrian, you will hear an intermittent warning tone and the ⚠ distance warning lamp lights up in the Instrument Display.

  Vehicles with PRE-SAFE®: depending on the country, an additional haptic warning occurs in the form of slight, repeated tensioning of the seat belt.

Brake immediately or take evasive action, provided it is safe to do so and the traffic situation allows this.

Collision warning (vehicles without Driving Assistance Package)

The collision warning can aid you in the following situations with an intermittent warning tone and a warning lamp:

- From approximately 7 km/h, if your vehicle is critically close to a vehicle, cyclist or pedestrian, you will hear an intermittent warning tone and the ⚠ distance warning lamp lights up in the Instrument Display.

  Vehicles with PRE-SAFE®: depending on the country, an additional haptic warning occurs in the form of slight, repeated tensioning of the seat belt.
- at speeds up to approximately 250 km/h when approaching vehicles ahead
- at speeds up to approximately 80 km/h when approaching stationary vehicles, moving pedestrians, and cyclists ahead
- at speeds up to approximately 60 km/h when approaching crossing cyclists

Collision warning (vehicles with Driving Assistance Package)

The collision warning can aid you in the following situations with an intermittent warning tone and a warning lamp:

- at speeds up to approximately 250 km/h when approaching vehicles ahead
- at speeds up to approximately 100 km/h when approaching stationary vehicles
- at speeds up to approximately 80 km/h when approaching moving pedestrians and cyclists ahead
- at speeds up to approximately 70 km/h when approaching stationary pedestrians, crossing vehicles and stationary and crossing cyclists

Autonomous braking function (vehicles without Driving Assistance Package)

If the vehicle is travelling at speeds above approximately 7 km/h, the autonomous braking function may intervene in the following situations:

- at speeds up to approximately 200 km/h when approaching vehicles ahead

- at speeds up to approximately 80 km/h when approaching cyclists ahead
- at speeds up to approximately 60 km/h when approaching moving pedestrians, crossing cyclists, and stationary vehicles

Autonomous braking function (vehicles with Driving Assistance Package)

If the vehicle is travelling at speeds above approximately 7 km/h, the autonomous braking function may intervene in the following situations:

- at speeds up to approximately 250 km/h when approaching vehicles ahead
- at speeds up to approximately 100 km/h when approaching stationary vehicles
- at speeds up to approximately 80 km/h when approaching cyclists ahead
- at speeds up to approximately 70 km/h when approaching stationary and moving pedestrians, crossing vehicles and stationary and crossing cyclists

Situation-dependent brake force boosting (vehicles without Driving Assistance Package)

Situation-dependent brake force boosting can intervene from a speed of approximately 7 km/h in the following situations:

- at speeds up to approximately 250 km/h when approaching vehicles ahead
- at speeds up to approximately 80 km/h when approaching stationary vehicles and cyclists ahead
- at speeds up to approximately 60 km/h when approaching moving pedestrians and crossing cyclists

Situation-dependent brake force boosting (vehicles with Driving Assistance Package)

Situation-dependent brake force boosting can intervene from a speed of approximately 7 km/h in the following situations:

- at speeds up to approximately 250 km/h when approaching vehicles ahead
- at speeds up to approximately 100 km/h when approaching stationary vehicles
- at speeds up to approximately 80 km/h when approaching cyclists ahead
- at speeds up to approximately 60 km/h when approaching stationary and moving pedestrians, crossing vehicles, and stationary and crossing cyclists

Cancelling a brake application of Active Brake Assist

You can cancel a brake application of Active Brake Assist at any time by:

- sharply depressing the accelerator pedal or with kickdown
- releasing the brake pedal

Active Brake Assist may cancel the brake application when one of the following conditions is fulfilled:

- you manoeuvre to avoid the obstacle
- there is no longer a risk of collision
- an obstacle is no longer detected in front of your vehicle

Evasive Steering Assist (only vehicles with Driving Assistance Package)

Evasive Steering Assist has the following characteristics:

- The ability to detect stationary or moving pedestrians.
- Assistance through power-assisted steering if it detects a swerving manoeuvre.
- Activation by an abrupt steering movement during a swerving manoeuvre.
- Assistance during swerving and straightening of the vehicle.
- Reaction from a speed of approximately 20 km/h up to a speed of approximately 70 km/h.

You can prevent the assistance at any time by actively steering.

Cornering function (only vehicles with Driving Assistance Package)

If the system detects a risk of a collision with an oncoming vehicle when turning across an oncoming lane, autonomous braking can be initiated at speeds below 15 km/h before you have left the lane in which you are driving.

WARNING Risk of accident despite Evasive Steering Assist

Evasive Steering Assist cannot always recognise 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.

System limits

Full system performance is not available for a short time after switching on the vehicle or after driving off. 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, particularly in the following situations:

- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying light conditions.
- If the sensors are dirty, misted up, damaged or covered.
- If the sensors are impaired due to interference from other radar sources, e.g. strong radar reflections in multi-storey car parks.
- If a loss of tyre pressure or a defective tyre has been detected and displayed.
- If DSR is active.
- In complex traffic situations where objects cannot always be clearly identified.
- If pedestrians or vehicles move quickly into the sensor detection range.

- If pedestrians are hidden by other objects.
- If the typical outline of a pedestrian cannot be distinguished from the background.
- If a pedestrian is not detected as such, e.g. due to special clothing or other objects.
- If the driver's seat belt is not fastened.
- On bends with a tight radius.

ⓘ The Active Brake Assist sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered. Active Brake Assist is unavailable or only partially available during the teach-in process.

Activating/deactivating Active Brake Assist

Requirements

- The vehicle is switched on.

Multimedia system:

↴ ⌂ » Settings » Assistance » Active Brake Assist

▶ Select the desired setting.

Deactivating Active Brake Assist

ⓘ It is recommended that you always leave Active Brake Assist activated.

▶ Select Off.
The distance warning function, the autonomous braking function and Evasive Steering Assist are deactivated.
The system is switched on again the next time the vehicle is started.

ⓘ If Active Brake Assist is deactivated, the OFF symbol appears in the status bar of the Instrument Display.

Speed Limit Assist

Function of Speed Limit Assist

ⓘ Speed Limit Assist uses OpenStreetMap data, which is made available under the conditions of the Open Database License (OBbL). For more information, see: https://www.osmfoundation.org/wiki/licence.

Speed Limit Assist detects speed limits with a multifunction camera and shows them in the instrument display and optionally in the head-up display. The camera also detects speed limits with a restriction indicated by an additional sign (e.g. when wet). The system detects stop signs, thereby preventing the engine from being switched off by the ECO start/stop function.

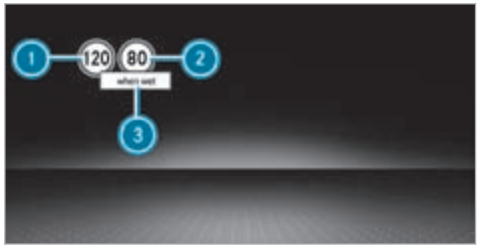
Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 227).

Warning when the maximum permissible speed is exceeded

The system can warn you if you unintentionally 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 specify whether the warning is to be just a visual warning or an acoustic one as well.

Display in the Instrument Display

ⓘ The illustrations show the Instrument Display in the widescreen cockpit.



1 Permissible speed
2 Permissible speed when there is a restriction
3 Additional sign with restriction

If Speed Limit Assist cannot determine the current maximum permissible speed (e.g. due to missing signs), the following display appears in the Instrument Display:



This is displayed continuously if the vehicle is in a country where Speed Limit Assist is not supported. Speed Limit Assist is not available in all countries.

System limits

The system may be impaired or may not function in the following situations:

- If there is poor visibility, e.g. due to insufficient illumination of the road, highly variable shade conditions, 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 windscreen in the vicinity of the multifunction camera or if the camera is misted up, damaged or obscured.
- If the traffic signs are hard to detect, e.g. due to dirt, snow or insufficient lighting, or because they are obscured.
- If you turn sharply when passing traffic signs outside the camera's field of vision.

Setting Speed Limit Assist

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Assistance ▸▸ Speed Limit Assist

Adjusting the type of warning

▶ Select Visual & audible, Visual or None.

Adjusting the warning threshold

This value determines the speed at which a warning is issued when exceeded.

▶ Select Warning threshold.

▶ Set the desired speed.

ⓘ If one of the following systems is activated, the speed detected can be manually adopted as the speed limit:

- Active Distance Assist DISTRONIC
- Cruise control
- Variable limiter

Further information (→ page 243).

Traffic Sign Assist

Function of Traffic Sign Assist

Traffic Sign Assist detects traffic signs with the multifunction camera (⟶ page 228). It assists you by displaying detected speed limits and overtaking restrictions in the Instrument Display.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (⟶ page 227).

Since Traffic Sign Assist also uses the data stored in the navigation system, it can update the display in the following situations without detecting traffic signs.

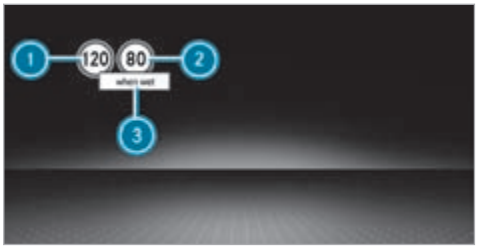
If the system detects that you are driving onto a section of road in the wrong direction of travel, it triggers a warning.

The camera also detects traffic signs with a restriction indicated by an additional sign (e.g. when wet). These are only displayed if a restriction applies or if the system cannot clearly determine whether the restriction applies.

Warning when the maximum permissible speed is exceeded

The system can warn you if you unintentionally 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 specify whether the warning is to be just a visual warning or an acoustic one as well.

Display in the Instrument Display



Instrument display in the widescreen cockpit

1. Maximum permissible speed
2. Maximum permissible speed when there is a restriction
3. Additional sign with restriction

The system can display up to two traffic signs simultaneously. The system always prioritises displaying speed limits. Up to one traffic sign with a maximum permissible speed can be shown in the head-up display. If two speed signs are shown in the driver's display, forexample when speed limits are detected, the value of left-hand speed limit 1 is transmitted to the limiter, cruise control or

Active Distance Assist DISTRONIC for adoption and is shown in the head-up display.

ⓘ **Vehicles with a standard Instrument Display:** a + symbol next to a traffic sign in the Instrument Display indicates that additional traffic signs have been detected. These can also be displayed in the media display and optionally in the head-up display.

If the traffic sign assistant cannot determine the maximum permitted speed (e.g.due to missing signage), the following display appears:



This is displayed continuously if the vehicle is in a country where Traffic Sign Assist is not supported. Traffic Sign Assist is not available in all countries.

ⓘ Also observe the information on display messages in Traffic Sign Assist (⟶ page 427).

Warning when approaching pedestrian crossings

The system can warn you if you approach a pedestrian crossing with your vehicle. The Watch for pedestrians message appears in the Instrument Display.

The warning occurs only if appropriate traffic signs or lane markings are detected and pedestrians are present in the danger zone.

System limits

The system may be impaired or inoperative, particularly in the following situations:

- If there is poor visibility, e.g. due to insufficient illumination of the road, highly variable shade conditions, 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 windscreen in the vicinity of the multifunction camera or if the camera is misted up, damaged or obscured.
- If the traffic signs are hard to detect, e.g. due to dirt, snow or insufficient lighting, or because they are obscured.
- If the information on the navigation system's digital map is incorrect or out of date.
- If signs are ambiguous, e.g. road signs in roadworks or in adjacent lanes.
- If you turn sharply when passing traffic signs outside the camera's field of vision.

Setting Traffic Sign Assist

Requirements:

- **Only vehicles with Driving Assistance Package:** Active Distance Assist DISTRONIC and ECO Assist must be activated for the automatic adoption of speed limits.

Multimedia system:

⟶ ⌂ ▸▸ Settings ▸▸ Assistance ▸▸ Traffic Sign Assist

Activating or deactivating automatic adoption of speed limits (only vehicles with Driving Assistance Package)

▶ Select Adopt limit.

▶ Switch the function on or off.
The speed limits detected by Traffic Sign Assist are automatically adopted by Active Distance Assist DISTRONIC.

ⓘ If one of the following systems is activated, the detected speed can be manually adopted as the speed limit:

- Active Distance Assist DISTRONIC
- Cruise control
- Variable limiter

Further information about Active Distance Assist DISTRONIC: (→ page 243).

Displaying detected traffic signs in the media display

▶ Select Display in head unit.

▶ Switch the function on or off.

Setting the type of warning

▶ Select Visual & audible, Visual or Off.

Setting the warning threshold

This value determines the speed at which a warning is issued when exceeded.

▶ Select Warning threshold.

▶ Set the desired speed.

Blind Spot Assist and Active Blind Spot Assist with exit warning

Function of Blind Spot Assist and Active Blind Spot Assist with exit warning

Blind Spot Assist and Active Blind Spot Assist use two lateral, rear-facing radar sensors to monitor the area up to 40 m behind and 3 m next to your vehicle.

If a vehicle is detected at speeds above approximately 12 km/h and this vehicle subsequently enters the monitoring range directly next to your vehicle, the warning lamp in the outside mirror lights up red.

Status display:

- (grey): system is activated but inoperative
- (green): system is activated and operational

If a vehicle is detected close to your vehicle and you switch on the turn signal indicator in the corresponding direction, a double warning tone sounds and the red warning lamp in the outside mirror flashes. If the turn signal indicator remains switched on, all other detected vehicles are indicated only by the flashing of the red warning lamp.

If you overtake a vehicle quickly, no warning is given.

⚠ **WARNING** Risk of accident despite 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 travelling 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.

Observe the notes on driving systems and your responsibility; you may otherwise fail to recognise dangers (→ page 227).

Exit warning

The exit warning is an additional function of Blind Spot Assist and can warn vehicle occupants about approaching vehicles when leaving the vehicle when stationary.

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 there is a vehicle in the monitoring range, this is indicated in the outside mirror. If a vehicle occupant opens the door on the side with the warning, a warning tone sounds and the warning lamp in the outside mirror starts to flash.

This additional function is only available when Blind Spot Assist is active. When the exit warning is activated, it can warn vehicle occupants for up to three minutes after switching the vehicle off. The exit warning is no longer available once the warning lamp in the outside mirror flashes three times.

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. due to fog, heavy rain or snow
- if there are narrow vehicles, e.g. bicycles or motorbikes
- if the road has very wide or narrow lanes
- if vehicles are not driving in the middle of their lane

Warnings may be issued in error when driving close to crash barriers or similar continuous lane borders. Always make sure that there is sufficient distance to the side for other traffic or obstacles.

Warnings may be interrupted when driving alongside long vehicles, for example lorries, for a prolonged time.

Blind Spot Assist is not operational when reverse gear is engaged.

Blind Spot Assist and the exit warning are not operational when a trailer is coupled to the vehicle and the electrical connection has been correctly established.

The exit warning may be limited in the following situations:

- when the sensors are covered by adjacent vehicles in narrow parking spaces
- when people approach the vehicle
- in the event of stationary or slowly moving objects

Function of brake application (Active Blind Spot Assist)

If Active Blind Spot Assist detects a risk of a side impact in the monitoring range, a course-correcting brake application is carried out. This is designed to help you avoid a collision.

The course-correcting brake application is available in the speed range between approximately 30 km/h and 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, display (1) indicating the danger of a side collision appears in the Instrument 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 recognise the dangers (→ page 259).

Either a course-correcting brake application appropriate to the driving situation, or none at all, may occur in the following situations:

- Vehicles or obstacles, e.g. crash barriers, are located on both sides of your vehicle.
- A vehicle approaches too closely on the side.
- 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 tyre pressure or a defective tyre is detected.
- You are driving with a trailer and the electrical connection to the trailer hitch has been correctly established.

Activating/deactivating Blind Spot Assist or Active Blind Spot Assist

Multimedia system:

↪ ⌂ ▸▸ Settings ▸▸ Assistance

▶ Activate or deactivate Blind Spot Assist.

or

▶ Activate or deactivate Act. 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 by means of the multifunction camera (→ page 228). It serves to protect you against unintentionally leaving your lane. You will be warned by vibration pulses in the steering wheel and guided by a course-correcting brake application back into your lane.

Active Lane Keeping Assist is available in the speed range between 60 km/h and 200 km/h.

Active Lane Keeping Assist can neither reduce the risk of an accident if you fail to adapt your driving style nor override the laws of physics. It cannot take into account road, weather or traffic conditions. Active Lane Keeping Assist is only an aid. You are responsible for maintaining a safe distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

The status of Active Lane Keeping Assist is displayed in the on-board computer:

- (green): Active Lane Keeping Assist is active and operating.
- (grey): Active Lane Keeping Assist is active but not operating.
- OFF: Active Lane Keeping Assist is deactivated or there is a malfunction.



If a lane-correcting brake application occurs, display ⓘ appears in the Instrument Display.

The system does not apply the brake if you activate the turn signal indicator.

Vehicles with Driving Assistance Package: if the system detects an obstacle, such as another vehicle in the adjacent lane, it will apply the brake regardless of the turn signal indicator.

You are warned by vibrations in the steering wheel in the following circumstances:

- Active Lane Keeping Assist detects a lane marking.
- A front wheel drives over this lane marking.

Conditions for a course-correcting brake application (vehicles without Driving Assistance Package)

Depending on the setting, a course-correcting brake application occurs in the following situations (→ page 264).

ⓘ The availability of this setting is dependent on the country. If the function is activated in countries in which this setting is **not** available, a lane-correcting brake application is initiated in the following situations:

Lane markings were detected on both sides of the lane. The front wheel drives over a continuous lane marking.

Standard setting

- A lane marking and the edge of a firm road surface were detected. The front wheel drives over a lane marking on the edge of the firm road surface.
- A lane marking and an oncoming vehicle were detected. The front wheel drives over the lane marking.

Sensitive setting

- All situations described under the Standard setting.
- A continuous lane marking was detected and driven over with the front wheel.

ⓘ A brake application may be interrupted at any time if you steer slightly in the opposite direction.

Conditions for a course-correcting brake application (vehicles with Driving Assistance Package)

Depending on the setting, a course-correcting brake application occurs in the following situations (→ page 264).

ⓘ The availability of this setting is dependent on the country. If the function is activated in countries in which this setting is **not** available, a lane-correcting brake application is initiated in all situations described under Sensitive.

Standard setting

- A lane marking and an approaching vehicle, an overtaking vehicle or vehicles driving parallel to your vehicle were detected in the adjacent lane. The front wheel drives over the lane marking.

Sensitive setting

- The situations described under the Standard setting.
- A continuous lane marking was detected and driven over with the front wheel.

ⓘ A brake application may be interrupted at any time if you steer slightly in the opposite direction.

System limits

No lane-correcting brake application occurs in the following situations:

- You clearly and actively steer, brake or accelerate.
- If a driving safety system intervenes, such as ESP®, Active Brake Assist or Active Blind Spot Assist.
- You have adopted a sporty driving style with high cornering speeds or high rates of acceleration.
- When ESP® is deactivated.
- When driving with a trailer, the electrical connection to the trailer has been correctly established.
- If a loss of tyre pressure or a defective tyre is detected and displayed.

If you deactivate the Active Lane Keeping Assist warning and the lane markings cannot be clearly

detected, it is possible that no lane-correcting brake application takes place (→ page 264).

The system may be impaired or may not function particularly in the following situations:

- If there is poor visibility, e.g. due to insufficient illumination of the road, highly variable shade conditions, rain, snow, fog or heavy spray.
- If there is glare, e.g. from oncoming traffic, the sun or reflections.
- If there is dirt on the windscreen in the vicinity of the multifunction camera or if the camera is misted up, damaged or obscured.
- If there are no lane markings, or several unclear lane markings are present for one lane, e.g. around roadworks.
- If the lane markings are worn, dark or covered.
- If the distance to the vehicle in front is too short and thus the lane markings cannot be detected.
- If the lane markings change quickly, e.g. lanes branch off, cross one another or merge.
- If the carriageway is very narrow and winding.
- **Vehicles with Driving Assistance Package:** if the radar sensors in the rear bumper are dirty or covered in snow and an obstacle is detected in your lane, no lane-correcting brake application takes place.

Activating/deactivating Active Lane Keeping Assist

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Quick access ▸▸ Active Lane Keeping Assist

▶ Activate or deactivate the function.

Setting Active Lane Keeping Assist

Multimedia system:

→ ⌂ ▸▸ Settings ▸▸ Assistance ▸▸ Active Lane Keeping Assist

Setting the sensitivity

ⓘ The availability of this function is country-dependent.

▶ Select Standard, Sensitive or Off.

Activating or deactivating the haptic warning

▶ Select Warning.
Activate or deactivate the function.

Function of adaptive damping adjustment

Suspension with adaptive damping adjustment continuously adjusts the characteristics of the suspension dampers to the current operating and driving conditions.

The damping is set individually for each wheel and is affected by the following factors:

- the road surface conditions
- vehicle load
- the drive program selected
- the driving style

The drive program can be adjusted using the DYNAMIC SELECT switch.

Reversing camera

Function of the reversing camera

The reversing camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects etc., in the manoeuvring area while manoeuvring and parking.

ⓘ You can open the cover of the reversing camera manually (→ page 270).

The guide lines in the media display show the distances to your vehicle. The distances displayed only apply to road level.

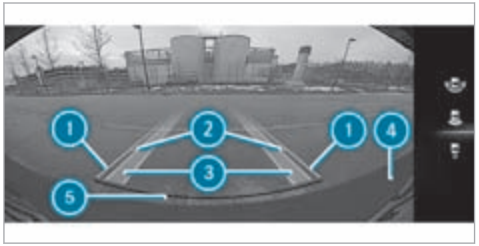
Depending on the vehicle equipment, you can select from the following views:

- Normal view
- Wide-angle view
- Trailer view

The area behind the vehicle is displayed as a mirror image, as in the inside rear view mirror.

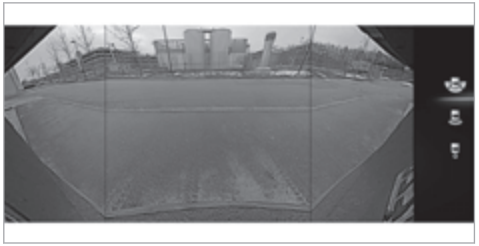
Vehicles without Parking Assist PARKTRONIC

The following camera views are available in the multimedia system:

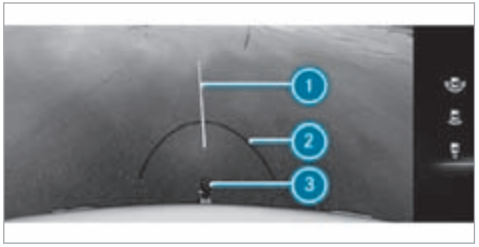


Normal view

1. Yellow guide line, vehicle width (driven surface) depending on the current steering angle (dynamic)
2. Yellow guide line at a distance of approximately 1.0 m from the rear area
3. Yellow lanes marking the course the tyres will take with the current steering angle (dynamic)
4. Bumper
5. Red guide line at a distance of approximately 0.3 m from the rear area



Wide-angle view



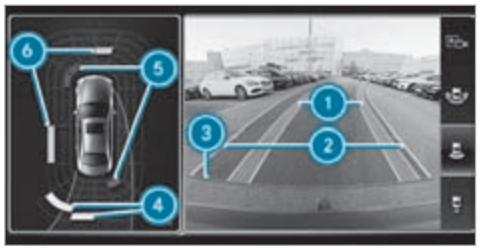
Trailer view (vehicles with a trailer hitch)

1. Yellow guide line, locating aid

2 Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
3 Ball head of the trailer hitch

Vehicles with Parking Assist PARKTRONIC

The following camera views are available in the multimedia system:

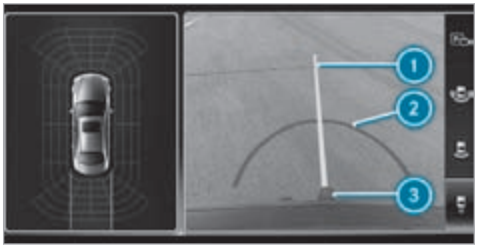


Normal view

1 Yellow lanes marking the course the tyres will take with the current steering angle (dynamic)
2 Yellow guide line, vehicle width (driven surface) depending on the current steering angle (dynamic)
3 Red guide line at a distance of approximately 0.3 m from the rear area
4 Yellow warning indicator of Parking Assist PARKTRONIC: obstacles at a distance between approximately 0.6 m and 1.0 m
5 Red warning display of Parking Assist PARKTRONIC: obstacles are very close (approximately 0.3 m or less)
6 Orange warning display of Parking Assist PARKTRONIC: obstacles are a medium distance away (between approximately 0.3 m and 0.6 m)



Wide-angle view



Trailer view (vehicles with a trailer hitch)

1 Yellow guide line, locating aid
2 Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
3 Ball head of the trailer hitch

System failure

If the reversing camera is not operational, the following display appears in the multimedia system.



System limits

The reversing camera will not function or will only partially function in the following situations:

- The tailgate is open.
- There is heavy rain, snow or fog.
- The light conditions are poor, e.g. at night.
- Cameras, or vehicle components in which the cameras are fitted, are damaged, dirty or covered. Observe the information on vehicle sensors and cameras (→ page 228).

ⓘ Do not use the reversing camera in these types of situations. You could otherwise injure others or collide with objects when parking the vehicle.

ⓘ The contrast of the display may be impaired by direct sunlight or by other light sources, e.g. when driving out of a garage. In this case, pay particular attention.

ⓘ Have the display repaired or replaced if, forexample, pixel errors considerably restrict its use.

360° Camera

Function of the 360° Camera

The 360° Camera is a system that consists of four cameras. The cameras cover the immediate vehicle surroundings. The system assists you when you are parking or at exits with reduced visibility, forexample.

The views of the 360° Camera are always available when driving forwards up to a speed of approx. 16 km/h and when reversing.

The 360° Camera is only an aid and may show a distorted view of obstacles, show them incorrectly or not show them at all. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects etc., in the manoeuvring area while manoeuvring and parking.

The system evaluates images from the following cameras:

- Reversing camera
- Front camera
- Two side cameras in the outside mirrors

ⓘ You can open the cover of the reversing camera manually (→ page 270).

Views of the 360° Camera

You can select from different views:



1. Wide-angle view, front
2. Top view with image from the front camera
3. Top view with images from the side cameras in the outside mirrors
4. Wide-angle view, rear
5. Top view with image from the reversing camera
6. Top view with trailer view (vehicles with a trailer hitch)

Top view



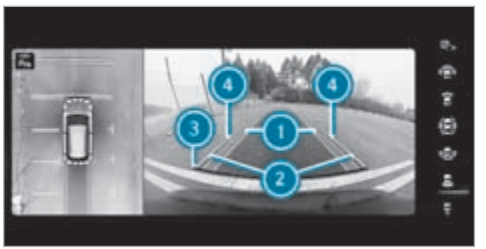
1. Lane indicating the route the vehicle will take at the current steering wheel angle
2. Warning display of Parking Assist PARKTRONIC
3. Your vehicle from above

The colour of the individual segments of warning display 2 is based on the distance to the detected obstacle:

- **Yellow segments:** obstacles at a distance between approx. 0.6 m and 1.0 m
- **Orange segments:** obstacles at a distance between approx. 0.3 m and 0.6 m
- **Red segments:** obstacles at a very short distance of approx. 0.3 m or less

When Parking Assist PARKTRONIC is operational and no object is detected, the segments of the warning display are shown in grey.

Guide lines

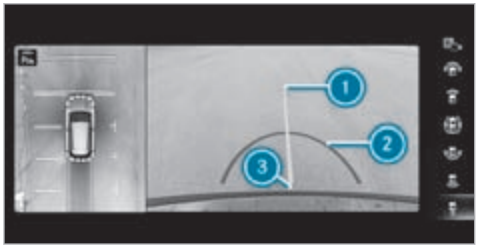


1. Yellow lane marking the course the tyres will take at the current steering wheel angle (dynamic)
2. Yellow guide line, vehicle width (driven surface) depending on the current steering wheel angle (dynamic)
3. Red guide line at a distance of approximately 0.3 m from the rear area
4. Mark at a distance of approx. 1.0 m

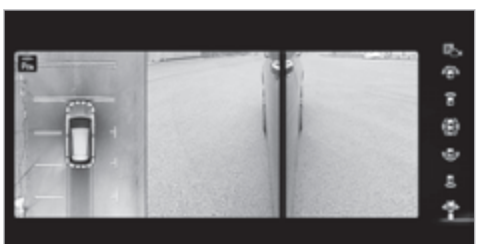
ⓘ When Active Parking Assist is active, lanes 1 are displayed in green.
The guide lines in the media display show the distances to your vehicle. The distances apply to road level.
In trailer mode, the guide lines are shown at the level of the trailer hitch.

Trailer view (vehicles with a trailer hitch)

If you select trailer view and no trailer is coupled to the vehicle, the following display appears:



① Yellow guide line, locating aid
② Red guide line at a distance of approximately 0.3 m from the ball head of the trailer hitch
③ Ball head of the trailer hitch

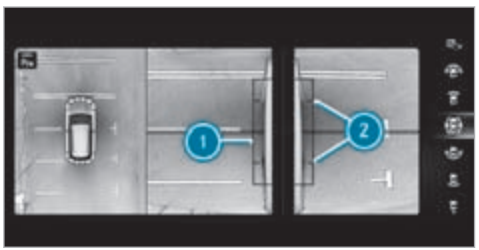


When the electrical connection is established between the vehicle and the trailer, the display changes to the side camera view.

This view supports manoeuvring procedures with a trailer.

Side view of the mirror cameras

The sides of the vehicle can be seen in this view.



① Guide line of external vehicle dimensions with outside mirrors folded out
② Marker of the wheel contact points

System failure

If the system is not ready for operation, the following message appears in the media display:



System limits

The 360° Camera will not function or will only partially function in the following situations:

- The doors are open.
- The outside mirrors are folded in.
- The tailgate is open.
- There is heavy rain, snow or fog.
- The light conditions are poor, e.g. at night.
- Cameras, or vehicle components in which the cameras are fitted, are damaged, dirty or covered. Observe the information on vehicle sensors and cameras (→ page 228).

ⓘ Do not use the 360° Camera under such circumstances. You could otherwise injure others or collide with objects when parking the vehicle.

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 the generated images.

ⓘ The contrast of the display may be impaired by abrupt, direct sunlight or by other light sources, e.g. when driving out of a garage. In this case, pay particular attention.

ⓘ Have the display repaired or replaced if, forexample, pixel errors considerably restrict its use.

See the notes on cleaning the 360° Camera (→ page 358).

Calling up the view of the 360° Camera using reverse gear

Requirements:

- The Auto reversing camera function is activated in the multimedia system (→ page 270).

▶ Engage reverse gear.

▶ Select the desired view in the multimedia system (→ page 267).

▶ If, after shifting to reverse gear, the image of the reversing camera is not shown: switch off the vehicle, press and hold the P button, switch on the vehicle and engage reverse gear again.

Switching reversing camera automatic mode on/off

The reversing camera is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that no persons, animals or objects etc. are in the manoeuvring range. Pay attention to your surroundings and be ready to brake at all times.

Multimedia system:

⌂ ▸▸ Settings ▸▸ Assistance ▸▸ Camera & parking

▶ Switch Auto reversing camera on or off.

Opening the camera cover of the reversing camera

Multimedia system:

⌂ ▸▸ Settings ▸▸ Assistance ▸▸ Camera & parking

▶ Select Open camera cover.

ⓘ The camera cover closes automatically after some time or after an ignition cycle.

Parking Assist PARKTRONIC

Function of Parking Assist PARKTRONIC

Parking Assist PARKTRONIC is an electronic parking assistance system with ultrasound. It monitors the area around your vehicle using multiple sensors on the front bumper and on the rear bumper. Parking Assist PARKTRONIC shows you the distance between your vehicle and a detected obstacle visually and audibly.

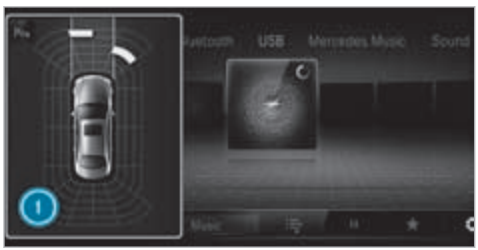
Parking Assist PARKTRONIC is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that there are no persons, animals or objects in the manoeuvring area while manoeuvring and parking in/exiting parking spaces.

In the standard setting, an intermittent warning tone sounds from a distance of approximately 0.3 m to an obstacle in front and approximately 1.0 m to an obstacle behind. A continuous warning tone sounds from a distance of approximately

0.2 m. Using the Warn early all-round setting in the multimedia system, the warning tones for front and side impact protection can be set to sound at a greater distance of approximately 1.0 m in front and 0.6 m on the sides (→ page 274).

ⓘ The Warn early all-round setting is always active in the rear of the vehicle.

Parking Assist PARKTRONIC display in the multimedia system



Vehicles without 360° Camera



Vehicles with 360° Camera

If you have not selected the menu Camera & parking and an obstacle is detected in the path of travel, a PARKTRONIC Parking Assist pop-up window is displayed in the multimedia system at speeds below 10 km/h mph (1).

The colour of the individual segments of the warning display is based on the distance to the detected obstacle:

- **Yellow segments:** obstacles at a distance between approx. 0.6 m and 1.0 m
- **Orange segments:** obstacles at a distance between approx. 0.3 m and 0.6 m
- **Red segments:** obstacles at a very short distance of approx. 0.3 m or less

Display of Parking Assist PARKTRONIC in the head-up display



Optionally, obstacles detected by Parking Assist PARKTRONIC from a distance of approximately 1.0 m in front (2) and 0.6 m on the sides (3) can also be displayed in the head-up display.

System limits

Parking Assist PARKTRONIC does not necessarily take into account the following obstacles:

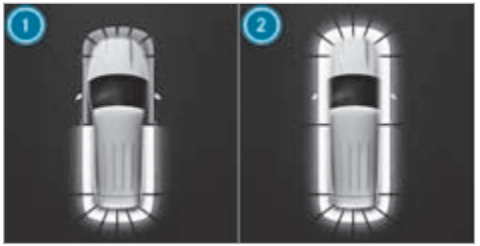
- Obstacles below the detection range, e.g. persons, animals or objects.

- Obstacles above the detection range, e.g. overhanging loads, overhangs or loading ramps of lorries.

The sensors must be free of dirt, ice and slush. Otherwise, they may not function correctly. Clean the sensors regularly, especially after driving off-road, taking care not to scratch or damage them (→ page 228).

Vehicles with trailer hitch: Parking Assist PARKTRONIC is deactivated for the rear zone when you establish an electrical connection between your vehicle and a trailer.

Problems with Parking Assist PARKTRONIC



Example: vehicles with 360° Camera

When rear segments (1) or all-round segments (2) light up red and the P symbol appears in the Instrument Display, Parking Assist PARKTRONIC may have been deactivated due to signal interference. Start the vehicle again and check if Parking Assist PARKTRONIC is working at a different location.

If a warning tone also sounds for approximately two seconds every time the vehicle is started, it may be due to one of the following causes:

- **The sensors are dirty:** clean the sensors and observe the notes on care of vehicle parts (→ page 358).
- **Parking Assist PARKTRONIC has been deactivated due to a malfunction:** restart the vehicle. If the problem persists, consult a qualified specialist workshop.

Function of the passive side impact protection

Passive side impact protection is an additional Parking Assist PARKTRONIC function which warns the driver about obstacles at the side of the vehicle. A warning is issued when obstacles are detected between the front and rear detection range. In order for an object on the side to be detected, the sensors in the front and rear bumper must first detect the object while you are driving past it.

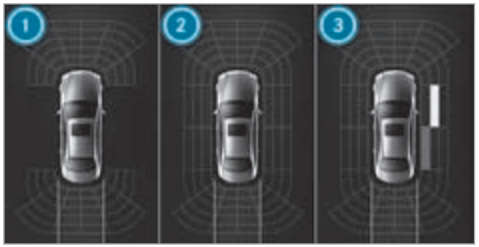
During the parking procedure or manoeuvring, objects are detected as the vehicle drives past. If you steer in the direction of a detected obstacle and there is a risk of a lateral collision, a warning

is issued and the segments light up in colour in the display.

The segment colour changes depending on the distance to the detected obstacle:

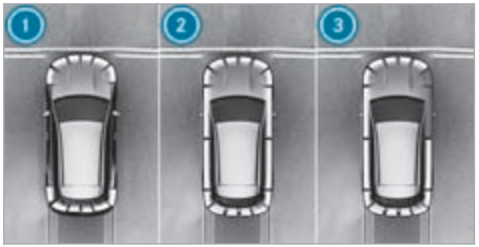
- **Yellow:** approximately 30 - 60 cm
- **Red:** less than approximately 30 cm

In order for lateral, front or rear segments to be displayed, the vehicle must first travel a distance of at least half a vehicle's length. Once the vehicle has travelled the length of the vehicle, all of the lateral front and rear segments can be displayed.



Parking Assist PARKTRONIC display: vehicles without a 360° Camera

1. Operational front and rear
2. Operational front, rear and sides
3. Obstacle detected at the front right (yellow) and rear (red)



Parking Assist PARKTRONIC display: vehicles with a 360° Camera

1. Operational front and rear
2. Operational front, rear and sides
3. Obstacles detected at the front right (red)

Saved obstacles on the sides are deleted in the following situations, for example:

- You park the vehicle and switch it off.
- You open the doors.

After the engine is restarted, obstacles on the sides must be detected again before a new warning can be issued.

System limits
The system limits for Parking Assist PARKTRONIC apply to passive side impact protection.

The following objects are not detected, for example:

- Pedestrians who approach the vehicle from the side
- Objects placed next to the vehicle

Activating/deactivating Parking Assist PARKTRONIC using the multimedia system

NOTE Risk of an accident from objects at close range

Parking Assist PARKTRONIC may not detect certain objects at close range.

- When parking or manoeuvring the vehicle, pay particular attention to any objects which are above or below the sensors, e.g. flowerpots or drawbars. The vehicle or other objects could otherwise be damaged.

Requirements:

- The camera menu is open.
- Or: Active Parking Assist is active.
- Or: the PARKTRONIC pop-up window appears.

- Tap P on the media display.

If the indicator lamp in the P OFF button is not lit, Parking Assist PARKTRONIC is active. If the indicator lamp is lit or the P OFF symbol appears in the instrument cluster, Parking Assist PARKTRONIC is not active.

ⓘ Parking Assist PARKTRONIC is automatically activated when the vehicle is started.

Alternatively, Parking Assist PARKTRONIC can be activated or deactivated in the quick access menu.

Setting the warning tones of Parking Assist PARKTRONIC

Multimedia system:

Home » Settings » Assistance » Camera & parking

Adjusting the volume of the warning tones

- Select Warning tone volume.
- Set a value.

Adjusting the pitch of the warning tones

- Select Warning tone pitch.
- Set a value.

Specifying the starting point for the warning tones
You can specify whether the Parking Assist PARKTRONIC warning tones should commence when the vehicle is further away from an obstacle.

- Select Warn early all-round.
- Activate or deactivate the function.

Activating/deactivating audio fadeout
You can specify whether the volume of a media source in the multimedia system is to be reduced

when Parking Assist PARKTRONIC sounds a warning tone.

- Select Audio fadeout during warning tones.
- Activate or deactivate the function.

Active Parking Assist

Function of Active Parking Assist

Active Parking Assist is an electronic parking assistance system, which uses ultrasound with the assistance of the reversing camera and 360° Camera. When you are driving forwards up to approximately 35 km/h, the system automatically measures parking spaces on both sides of the vehicle.

Active Parking Assist offers the following functions:

- **Country-dependent:** parking in parking spaces parallel to the road
- Parking in parking spaces perpendicular to the road (optionally either forwards or reverse)
- Exiting parking spaces if you have parked using Active Parking Assist

As soon as all requirements are met for searching for parking spaces, the [P] display appears in the Instrument Display.

When Active Parking Assist has detected parking spaces, the [P] display appears in the Instrument Display. The arrows show on which side of the road detected parking spaces are located. They are then shown in the media display.

The parking space can be selected as desired. Depending on the location of the parking space, the parking direction (rearwards or forwards) can also be selected as desired.

When Active Parking Assist is activated, the turn signal indicators are activated based on the calculated path of your vehicle.

The parking procedure is assisted by accelerating, braking, steering and gear changes.

Active Parking Assist is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that no persons, animals or objects etc. are in the manoeuvring range.

Active Parking Assist will be cancelled in the following situations:

- Parking Assist PARKTRONIC is deactivated.
- You begin steering.
- You apply the electric parking brake.
- You engage transmission position [P].
- ESP® intervenes.
- You open the doors or the tailgate while driving.

System limits

If the exterior lighting is faulty, the active parking assistant may be out of function, depending on the defect.

Also observe the system limits of the following systems:

- Reversing camera (→ page 265)
- 360° Camera (→ page 267)

Objects located above or below the detection range of the sensors, e.g. overhanging loads, overhangs or loading ramps of goods vehicles, or the borders of parking spaces, are not detected during measurement of the parking space. These

are also then not taken into account when calculating the parking procedure. In some circumstances, Active Parking Assist may therefore guide you into the parking space incorrectly.

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.

Extreme weather conditions, suchas snow or heavy rain, may lead to a parking space being measured inaccurately. Parking spaces that are partially occupied by trailer drawbars might not be identified as such or be measured incorrectly. Only use Active Parking Assist on level, high-grip ground.

Do not use Active Parking Assist in the following situations:

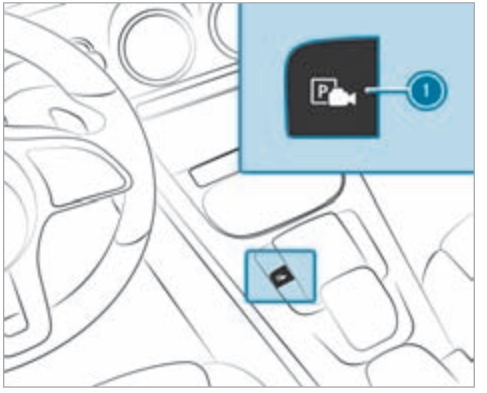
- In extreme weather conditions suchas ice, packed snow or in heavy rain.
- When transporting a load that protrudes beyond the vehicle.
- On steep uphill or downhill gradients of more than approximately 15 %.
- When snow chains are fitted.
- When a trailer or bicycle rack is attached.
- Directly after a tyre change or when spare tyres are fitted.
- If the tyre pressure is too low or too high.
- If the suspension is out of alignment, e.g. after bottoming out on a kerb.

Active Parking Assist may also display parking spaces that are not suitable for parking, suchas:

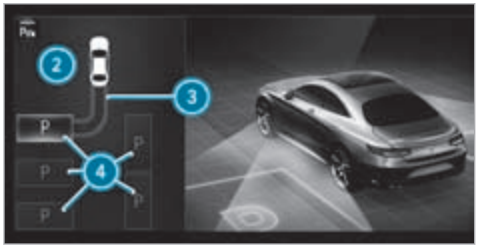
- Parking spaces where parking is prohibited.
- Parking spaces on unsuitable surfaces.

Parking with Active Parking Assist

Depending on the vehicle's equipment, the button may also be located at a different position in the centre console.



- Press the (1) button.



The media display shows the view of Active Parking Assist. Area (2) displays detected parking spaces (4) and vehicle path (3).

ⓘ (3) The vehicle path shown on the media display may differ from the actual vehicle path.

- If a parking space is displayed: stop the vehicle.
- Select desired parking space (4) and confirm.
- If necessary, select the parking direction (forwards or reverse), and confirm.
  Vehicle path (3) is shown, depending on selected parking space (4) and the parking direction.

ⓘ 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.

- Please engage reverse gearPlease engage reverse gear If, forexample, the message appears in the media display: select the corresponding transmission position.
  Vehicles with automatic transmission: the vehicle drives into the selected parking space.

ⓘ During the parking procedure with Active Parking Assist, the lane markings are displayed in green in the camera image.

- **Vehicles with manual transmission:** stop as soon as Parking Assist PARKTRONIC sounds the continuous warning tone, if not before. Depending on the message or as required, engage forward or reverse gear.

On completion of the parking procedure, the Parking Assist finished, take control of vehicledisplay message appears. Further manoeuvring may still be necessary.

- After completion of the parking procedure, safeguard the vehicle against rolling away. When required by legal requirements or local conditions: turn the wheels towards the kerb.

ⓘ 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 system can change the transmission position again or cancel the parking procedure.

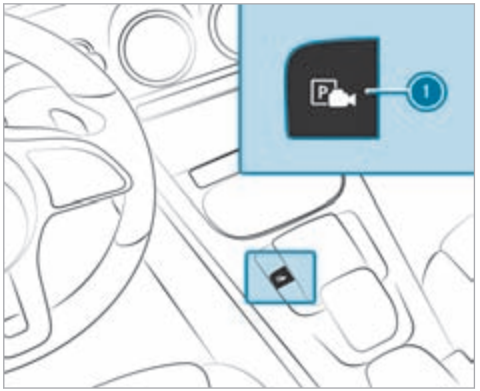
Exiting a parking space with Active Parking Assist

Requirements

- The vehicle has been parked with Active Parking Assist.

Please note that you are responsible for the vehicle and surroundings during the entire parking procedure.

▶ Start the vehicle.



▶ Press button 1.
The media display shows the view of Active Parking Assist.



▶ If the vehicle has been parked perpendicular to the direction of travel: in area 2, select direction of travel 3 Left or Right.

ⓘ The vehicle path shown on the media display may differ from the actual vehicle path.

▶ Confirm direction of exit 3 to drive out of the parking space.

ⓘ The turn signal indicator is switched on automatically when the exiting 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.

- If, forexample, the Please engage forward gear message appears in the media display: select the corresponding transmission position.
  The vehicle moves out of the parking space. The turn signal indicator is switched off automatically.

After the parking space has been exited, a warning tone and the Parking Assist finished, take control of vehicle message prompt you to take control of the vehicle.

The vehicle is not automatically braked and can roll away. You have to accelerate, brake, steer and change gear yourself again.

Manoeuvring assistant

Function of Drive Away Assist

Drive Away Assist can reduce the severity of an impact when pulling away. If an obstacle is detected in the direction of travel, the vehicle's speed is briefly reduced to approx. 2 km/h. If a critical situation is detected, the symbol appears in the media display.

Drive Away Assist can be switched off or on in the menu Manoeuvring assistance.

ⓘ You can cancel an intervention by Drive Away Assist at any time by deactivating Parking Assist PARKTRONIC .

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.

Drive Away Assist is only an aid. It is not a substitute for your attention to the surroundings. The responsibility for safe manoeuvring and parking remains with you. Make sure that no persons, animals or objects etc. are in the manoeuvring range.

A risk of collision may occur in the following situations, forexample:

- If the accelerator and brake pedals are interchanged.

- If an incorrect transmission position is engaged.

Drive Away Assist is active under the following conditions:

- If Parking Assist PARKTRONIC is activated.
- If you shift the transmission position to R or D when the vehicle is stationary.
- If the detected obstacle is less than approx. 1.0 m away.
- If the manoeuvring assistance function is activated in the multimedia system.

System limits

The performance of Drive Away Assist is limited on inclines.

When driving with a trailer, Drive Away Assist is not available.

ⓘ Also observe the system limits of Parking Assist PARKTRONIC (→ page 270).

Function of Cross Traffic Alert

ⓘ Cross Traffic Alert is only available for vehicles with Blind Spot Assist or Active Blind Spot Assist.

Cross Traffic Alert can warn drivers of any crossing traffic when reversing and manoeuvring out of a parking space. The radar sensors in the bumper also monitor the area adjacent to the vehicle. If a critical situation is detected, the symbol appears in the media display and the vehicle can be braked automatically.

If the radar sensors are obstructed by vehicles or other objects, detection is not possible.

Cross Traffic Alert is active under the following conditions:

- if the vehicle is reversing at a walking pace.
- manoeuvring assistance is activated (→ page 280).

ⓘ Also observe the instructions on Blind Spot Assist and Active Blind Spot Assist (→ page 259).

System limits

Cross Traffic Alert is not available on inclines.

Cross Traffic Alert is not available when driving with a trailer.

Activating/deactivating manoeuvring assistant

Multimedia system:

↳ ⌂ ▸▸ Settings ▸▸ Assistance ▸▸ Camera & parking

▶ Activate/deactivate Manoeuvring assistance.

ⓘ Manoeuvring assistant must be active for the function of Drive Away Assist (→ page 279) and Cross Traffic Alert (→ page 280).

Trailer hitch

Notes on trailer operation

! **NOTE** Mercedes-AMG vehicles

▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

NOTE The operating permit may be invalidated due to the illegal installation of trailer hitches

The installation – including retrofitting – of a non-folding or non-removable trailer hitch that even partially conceals the license plate or the lighting system is prohibited.

- Observe the applicable legal regulations for the installation of trailer hitches.

WARNING Risk of accident due to car/trailer combination swerving

If you drive too fast in trailer operation, the car/trailer combination may start to swerve.

This could cause you to lose control of the car/trailer combination. The car/trailer combination may even overturn.

- Under no circumstances should you try to straighten the car/trailer combination by increasing your speed.
- Reduce the speed and do not countersteer.
- Brake if necessary.

NOTE Damage to the engine due to overheating

- If you have a trailer hitch retrofitted, modifications to the engine cooling system may be necessary depending on the vehicle type.

If you have a trailer tow hitch retrofitted, observe the fastening points on the vehicle frame.

Retrofitting a trailer hitch is permissible only if a trailer load is specified in your vehicle documents. If this is not the case, the vehicle is not approved for trailer operation.

Further information can be obtained at a qualified specialist workshop.

Observe the following notes on the tongue weight:

- Do not use a tongue weight that exceeds or falls below the permissible tongue weight
- Use a tongue weight as close as possible to the maximum tongue weight

Do not exceed the following values:

- Permissible towing capacity
- Permissible rear axle load of the towing vehicle
- Permissible gross weight of the towing vehicle
- Permissible gross weight of the trailer
- Maximum permissible speed of the trailer

Ensure the following before starting a journey:

- The tyre pressure on the rear axle of the towing vehicle is set for a maximum load
- The lighting of the connected trailer is operational
- **Vehicles without LED headlamps or MULTIBEAM LED headlamps:** the headlamps have been set correctly

In the event of increased rear axle load, the car/trailer combination must not exceed a maximum speed of 100 km/h for reasons concerning the operating permit. This also applies in countries in which the permissible maximum speed for car/trailer combinations is above 100 km/h.

Folding the ball neck out and in

WARNING Risk of accident due to the ball neck not being engaged

If the ball neck is not engaged, the trailer may come loose.

- Always engage the ball neck as described.

WARNING Risk of injury from ball neck swinging outwards

The ball neck may swing outwards when unlocking or when it has not been properly engaged.

There is a risk of injury within the ball neck's range of movement!

- Unlock the ball neck only when its range of movement is unobstructed.
- Always be sure the ball neck is engaged when folding inwards.

NOTE Increased risk of damage to property due to folded-out ball neck

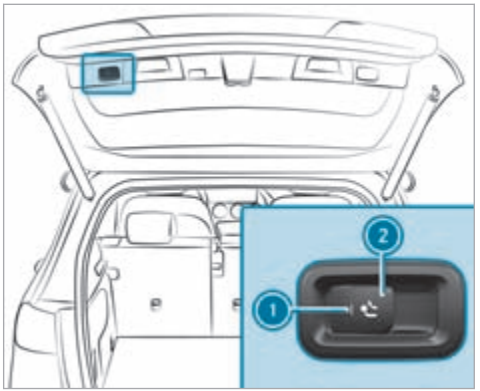
- When the trailer is not coupled or the bicycle rack is attached, fold in the ball neck or, in the case of a fully electric trailer hitch, retract the ball neck.

NOTE Damage to the vehicle due to incorrect use of the trailer hitch

If a trailer hitch is used to recover the vehicle, the vehicle or the trailer hitch itself may be damaged in the process.

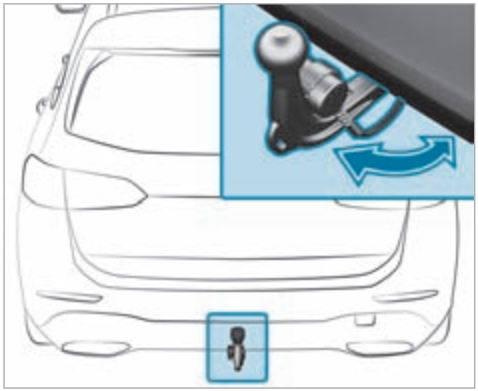
- Use the trailer hitch only for pulling a trailer or attaching approved carrier systems (e.g. a bicycle rack).
  Exception: Since vehicles with a trailer hitch do not have a fixture for a towing eye at the rear, towing or tow-starting is permitted.
- When towing or tow-starting with the trailer hitch, observe the information in the section "Fitting and removing the towing eye."

Folding the ball neck out



- Secure the vehicle against rolling away.
- Keep the swivel range clear.
- Remove the trailer cable or adapter plug.
- Pull switch (2) until the ball neck unlocks. The ball neck will fold out from under the rear bumper.

  Indicator lamp (1) will flash.



- Pull the ball neck in the direction of the arrow until it engages audibly in a vertical position. Indicator lamp (1) on the ball neck release switch will go out.

  If the ball neck is not securely locked in place, the Trailer coupling Check lockmessage will appear on the instrument display.
- Remove the cover cap from the ball head and store it in a safe place.

Make sure that the ball on the ball neck is clean. Check that it is either greased or dry (grease-free), depending on the instructions for the trailer.

Folding the ball neck in

- Pull switch (2) until the ball neck unlocks. The ball neck will fold up under the rear bumper.

  Indicator lamp (1) will flash.
- Push the ball neck in the direction of the arrow until it engages audibly behind the bumper.
  Indicator lamp (1) will go out and the message on the instrument display will disappear.

Observe the information about displays on the instrument display:

- Indicator and warning lamps (→ page 494)
- Display messages (→ page 427)

Coupling up/uncoupling a trailer

The trailer will be correctly detected by the vehicle only if the following conditions are met:

- The ball neck is extended and engaged in a securely locked position.

Trailers with a 7-pin plug can be connected to the vehicle with the following adapters:

- Adapter plug
- Adapter cable

The trailer will be correctly detected by the vehicle only if the following conditions are met:

- The trailer is connected correctly.
- The trailer lighting system is in working order.

A correctly connected trailer influences, among other things, the functions of the following systems:

- ESP® trailer stabilisation
- Active Lane Keeping Assist
- Parking Assist PARKTRONIC
- Active Parking Assist

- Blind Spot Assist or Active Blind Spot Assist
- Drive Away Assist
- Cross Traffic Alert
- Reversing camera
- 360° camera

Coupling up a trailer

! **NOTE** Damage to the starter battery due to full discharge

Charging the trailer battery using the power supply of the trailer can damage the starter battery.

- ▶ Do not use the vehicle's power supply to charge the trailer battery.

- ▶ Secure the vehicle against rolling away.
- ▶ Remove the cover cap from the ball head and store it in a safe place.
- ▶ Position the trailer on a level surface behind the vehicle and couple it up to the vehicle.



- ▶ Open the socket cap.
- ▶ Insert the plug with lug (1) into groove (3) on the socket.
- ▶ Turn bayonet coupling (2) to the right as far as it will go.
- ▶ Let the cap engage.
- ▶ Secure the cable to the trailer with cable ties (only if you are using an adapter cable).
- ▶ Make sure that the cable is always slack for ease of movement during cornering.

In the following circumstances, a message may appear on the instrument display even if the trailer has been connected correctly:

- LEDs have been installed in the trailer lighting system.
- The current has fallen below the trailer lighting system's minimum current (50 mA).

ⓘ Accessories can be connected to the permanent power supply up to 180 W and to the power supply that is switched on via the ignition lock.

Uncoupling a trailer

⚠ **WARNING** Risk of being crushed and becoming trapped when uncoupling a trailer

When uncoupling a trailer with an engaged inertia-activated brake, your hand may become trapped between the vehicle and the trailer drawbar.

- ▶ Do not uncouple trailers with an engaged overrun brake.

NOTE Damage during uncoupling with an engaged overrun brake

The vehicle may be damaged if you uncouple with an engaged overrun brake.

- Do not uncouple trailers with an engaged overrun brake.

- Secure the trailer against rolling away.
- Disconnect the electrical connection between the vehicle and the trailer.
- Uncouple the trailer.
- Place the cover cap on the ball head.

ⓘ **Trailers with LED lighting:** after uncoupling the trailer, switch the vehicle on and then off again.

Bicycle rack function

WARNING Risk of an accident if the bicycle rack is used incorrectly

The bicycle rack may become detached from the vehicle in the following cases:

- the permissible load capacity of the trailer hitch is exceeded.
- the bicycle rack is used incorrectly.
- the bicycle rack is secured to the ball neck beneath the ball head.

Observe the following for your own safety and that of other road users:

- always adhere to the permissible load capacity of the trailer hitch.
- always observe the permissible rear axle load of the towing vehicle.
- use the bicycle rack only to transport bicycles.
- always properly secure the bicycle rack by attaching it to the ball head.
- use only bicycle racks approved by Mercedes-Benz.
- always observe the bicycle rack operating instructions.

NOTE Damage to or breakage of the trailer hitch due to unsuitable or improperly used bicycle rack.

- Only use bicycle racks approved by Mercedes-Benz properly as described below.

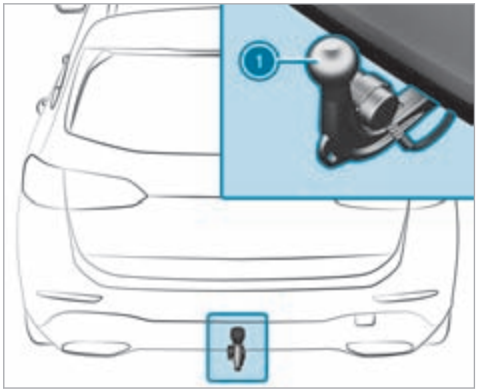
NOTE Increased risk of damage to property due to folded-out ball neck

- When the trailer is not coupled or the bicycle rack is attached, fold in the ball neck or, in the case of a fully electric trailer hitch, retract the ball neck.

NOTE The operating permit may be invalidated due to the illegal installation of trailer hitches

The installation – including retrofitting – of a non-folding or non-removable trailer hitch that even partially conceals the license plate or the lighting system is prohibited.

- Observe the applicable legal regulations for the installation of trailer hitches.



Depending on the bicycle rack's design, up to three bicycles can be transported on the bicycle rack.

When mounted by attaching to ball head (1), the maximum load capacity is 75 kg.

The maximum load capacity is calculated from the weight of the bicycle rack and the bicycle rack load.

Observe the notes on driving with a roof load, trailer or fully laden vehicle (→ page 174).

When using a bicycle rack, set the tyre pressure for increased load on the rear axle of the vehicle. Further information on the tyre pressure can be found in the tyre pressure table (→ page 388).

Notes on loading

The larger the distance between the load's centre of gravity and the ball head, the greater the load on the trailer hitch.

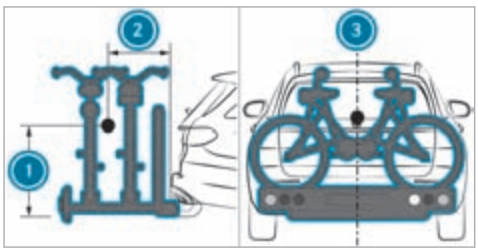
Therefore, observe the following notes:

- mount heavy bicycles as close to the vehicle as possible
- always distribute the load on the bicycle rack as evenly as possible across the vehicle's longitudinal axis

Mercedes-Benz recommends removing all detachable parts from bicycles (e.g. baskets, child seats, rechargeable batteries) before loading them onto the bicycle rack. This will improve the aerodynamic resistance and centre of gravity of the bicycle rack.

Always secure the bicycles to prevent them from moving around and check them at regular intervals to ensure that they are secure.

Do not use tarpaulins or other covers. The driving characteristics and rear view may be impaired. In addition, aerodynamic resistance and the load on the trailer hitch will increase.



Load distribution on the bicycle rack

(1) Vertical distance between centre of gravity and ball head

(2) Horizontal distance between centre of gravity and ball head

(3) The centre of gravity is on the vehicle's centre axis

Observe the following information when you are loading the bicycle rack with up to three bicycles:

Loading the bicycle rack

Total weight of bicycle rack and load	Max. distance (1)	Max. distance (2)
Up to 75 kg	420 mm	300 mm

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 377)
- **Plug-in hybrid:** permitted towing methods (→ page 377)
- The notes on towing the vehicle with both axles on the ground (→ page 378)

Notes on the instrument display and on-board computer

WARNING Risk of accident if the instrument display fails

If the instrument display has failed or is malfunctioning, function restrictions in systems relevant to safety cannot be detected.

The operating safety of your vehicle may be impaired.

- Drive on carefully.
- Have the vehicle checked immediately at a qualified specialist workshop.

Plug-in hybrid:

WARNING Risk of accident if the instrument display fails

In the event of a failure or malfunction of the instrument display, you will not recognise limitations in the functions of systems relevant to safety. This may impair operating safety.

- Park the vehicle safely as soon as possible and notify a qualified specialist workshop.

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.

NOTE Mercedes-AMG vehicles

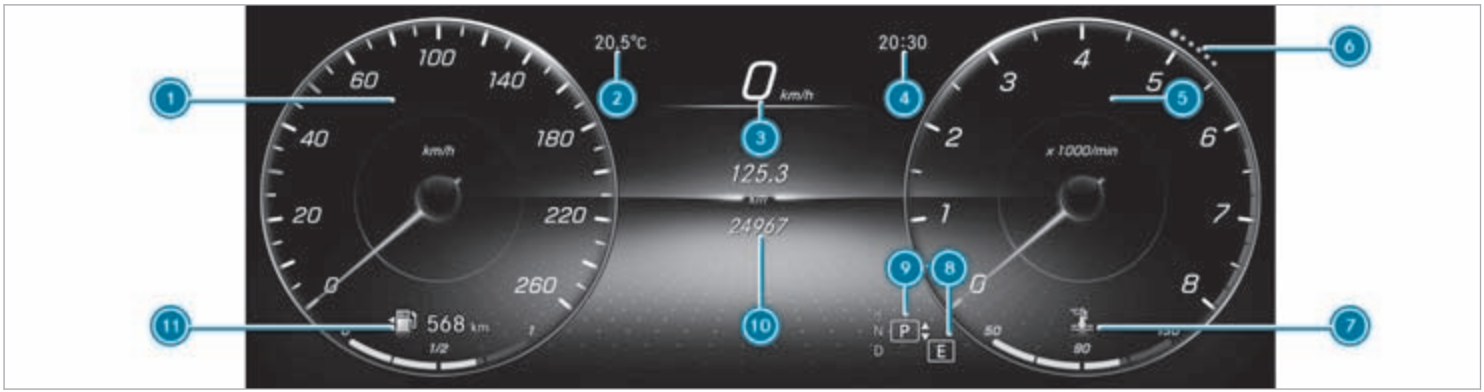
- Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

You must observe the legal requirements for the country in which you are currently driving when operating the on-board computer.

The on-board computer shows only display messages and warnings from specific systems on the instrument display. You must therefore ensure that your vehicle is always safe to operate.

If the operating safety of your vehicle is impaired, park the vehicle immediately and in accordance with the traffic conditions. Contact a qualified specialist workshop.

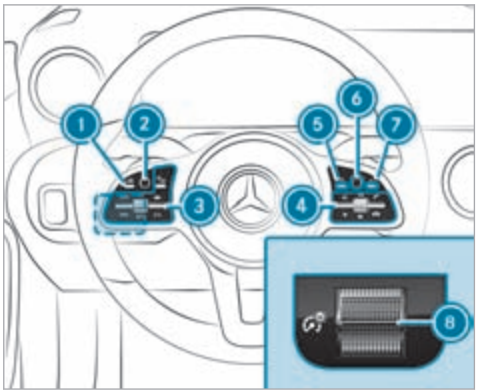
Overview of instrument display



1. Left display area of the instrument display (example: speedometer): speedometer / time / date / trip computer From start and From reset / range / audio
   The segments on the speedometer indicate the statuses of the following systems: cruise control/limiter/Active Distance Assist DISTRONIC
2. Outside temperature
3. Digital speedometer
4. Time
5. Right display area of the instrument display (example: tachometer): tachometer / average fuel consumption / ECO display /navigation / G-meter / assistant display / 4MATIC / power meter / power availability display of the electric motor (equipment-dependent)
   The fuel supply will be interrupted to protect the engine when the red mark on the rev counter (overrevving range) is reached.
6. Index points
   These show the selected display or menu content.

7 Coolant temperature display
During normal operation, the coolant temperature display is permitted to rise to 120°C.
8 Selected drive program
9 Selected transmission position
10 Centre display area of the instrument display (example: standard display for trip): Assistance / Telephone / Navigation / Trip / Media / Radio / Styles and displays / Service / Power meter (equipment-dependent)
11 Fuel level, fuel filler flap location indicator, range

Overview of buttons on the steering wheel



1 Back/Home button (press and hold), on-board computer
2 Touch Control, on-board computer
3 Control panel for cruise control/limiter or Active Distance Assist DISTRONIC
4 Control panel for the MBUX multimedia system (→ page 298)
LINGUATRONIC
5 Home screen, MBUX multimedia system
6 Touch Control, MBUX multimedia system
7 Back button, MBUX multimedia system
8 Brightness control to adjust the lighting in the Instrument Display and in the control elements of the vehicle interior

Operating the on-board computer

Observe the legal requirements for the country in which you are currently driving when operating the on-board computer.



The on-board computer is operated using the left-hand Touch Control and the left-hand back/home button.

When the on-board computer is being operated, different acoustic signals will sound as operating feedback, e.g. when you reach the end of a list.

The following menus are available:

- Assistance
- Telephone
- Navigation
- Trip
- Radio
- Media
- Styles & display
- Service

ⓘ You can find information about the possible settings and selections on the menus in the Digital Owner's Manual.

The menus can be called up from the menu bar on the instrument display.

- **To call up the menu bar:** press the left-hand back button until the menu bar is displayed.

ⓘ **Vehicles without Active Distance Assist DISTRONIC:** press the ⌂ button to call up the menu bar of the on-board computer.

- **To scroll on the menu bar:** swipe to the left or right on the left-hand Touch Control.
- **To call up a menu, submenu or possible settings on the menu, or confirm a selection or setting:** press the left-hand Touch Control.
- **To scroll through displays or lists on the menu, or select display content, a function, an entry or a display:** swipe upwards or downwards on the left-hand Touch Control.
- **To exit a submenu:** press the left-hand back button.

Operating the head-up display

- **To switch on the head-up display:** swipe upwards on the menu bar on the left-hand Touch Control.
- **To switch to the head-up display:** swipe upwards on the left-hand Touch Control.
- **To set the display areas of the head-up display:** swipe upwards or downwards on the left-hand Touch Control.

Displaying full-screen menus

Vehicles with an instrument display in the widescreen cockpit: the following menus can be shown full-screen on the instrument display:

- Assistance
- Trip
- Navigation

- On the corresponding menu, use the left-hand Touch Control to scroll to the end of the list.
- Press the left-hand Touch Control.
  The selected menu will be displayed full-screen.

Function of the power meter (plug-in hybrid)



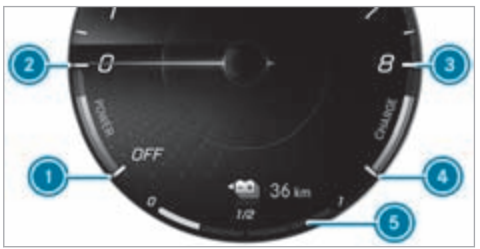
1. Combustion engine and electric motor switched off
2. Position in the display range of recovered energy
3. End of the display range of recovered energy
4. End of the display range for the combined output of the hybrid system

The power meter has the following functions:

- The power meter supports you in electric-only mode and displays the output obtained from the hybrid system.
- Area 1 – 3 shows the recovered energy.
- Power range 3 – 4 shows the combined output of the hybrid system.

When the power meter needle is at position 1, the vehicle is switched off. The combustion engine and the electric motor are switched off.

Function of the electric motor power availability display (plug-in hybrid)



1. Start of the POWER display range
2. End of the POWER display range
3. Maximum recuperated energy
4. Start of the display range of recuperated energy
5. Current state of charge of the high-voltage battery

The power availability display has the following functions:

- Area 1 – 2 shows the output in electric mode or boost mode. The POWER display supports you in electric-only mode.
- Area 3 - 4 shows the recovered output.
- From point 3, the maximum recovered energy has been reached.

Displaying the power meter (plug-in hybrid)

On-board computer:

→ Content

▶ Select Power meter.

Overview of displays in the instrument display

Displays on the instrument display:

- Active Parking Assist (→ page 276)
- Parking Assist PARKTRONIC switched off (→ page 274)
- DSR (→ page 246)
- Cruise control (→ page 237)
- Limiter (→ page 238)
- Active Distance Assist DISTRONIC (→ page 240)
- Active Brake Assist (→ page 250)
- Active Steering Assist (→ page 248)
- Active Lane Keeping Assist (→ page 262)
- Sound generator inoperative (→ page 441)
- ECO start/stop function (→ page 180)
- HOLD function (→ page 233)
- Adaptive Highbeam Assist (→ page 144)
  Adaptive Highbeam Assist Plus (→ page 145)
- Maximum permissible speed exceeded (for certain countries only)

Vehicles with Speed Limit Assist: detected instructions and traffic signs (→ page 255).

Vehicles with Traffic Sign Assist: detected instructions and traffic signs (→ page 257).

Head-up display

Function of the head-up display

NOTE Mercedes-AMG vehicles

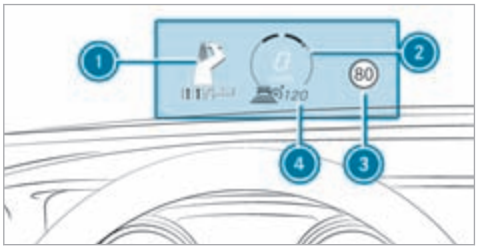
▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

The head-up display projects the following information into the driver's field of vision above the cockpit, for example:

- Driving speed
- Information from the navigation system
- Information from the driving systems and driving safety systems
- Some warning messages

Depending on the vehicle's equipment, different content may be shown in the three areas of the head-up display (→ page 294).

Display content



1. Navigation instructions
2. Current speed
3. Detected instructions and traffic signs
4. Set speed in the driving system (e.g. cruise control)

System limits

The visibility of the displays will be affected by the following conditions:

- Seat position
- Image position setting
- Light conditions
- Wet road surface
- Objects on the display cover
- Polarisation in sunglasses

ⓘ In extreme sunlight, sections of the display may appear washed out. You can correct this by switching the head-up display off and on again.

Setting the head-up display using the on-board computer

On-board computer:

→ HEAD-UP DISPLAY

The following head-up display settings or displays can be selected or shown:

- Position
- Brightness
- Messages
- Assistance status
- Telephone
- Audio
- LINGUATRONIC

▶ **To select the settings menu:** swipe to the right on the left-hand Touch Control.
The Settings menu (5) will be selected.

▶ **To call up the Settings menu:** press the left-hand Touch Control.

▶ **To adjust the position:** swipe upwards or downwards on the left-hand Touch Control.

▶ **To adjust the brightness:** swipe to the left or right on the left-hand Touch Control.

Setting messages, assistance status, telephone, audio and LINGUATRONIC

▶ Press the left-hand Touch Control.
The list of setting options will be displayed.

▶ Swipe upwards or downwards on the left-hand Touch Control.

▶ **To choose settings:** press the left-hand Touch Control.

Selecting what the head-up display shows



(Example)

(1) To switch the head-up display on/off

(2) Left display area
Navigation system
Average consumption
G-meter

(3) Central display area
Speedometer
Set speed in the driver assistance system, e.g. cruise control

Warnings from driver assistance systems, e.g. distance warning

④ Right display area
Traffic Sign Assist
Distribution of the drive torques, 4MATIC (→ page 194)
Assistant display

⑤ To configure settings

⑥ Index points

You can hide display areas ② to ④ that are not required.

ⓘ In audio mode, the station name or track will be shown temporarily when the audio source is being actively operated. In addition, the latest calls will be displayed when the telephone list on the instrument display is actively operated.

▶ Swipe upwards or downwards on the left-hand Touch Control.

Switching the head-up display on/off via the multimedia system

Multimedia system:

↴ ⌂ » Settings » Quick access

▶ Select HUD.
The head-up-display is activated.

Overview and operation

Notes on the MBUX multimedia system

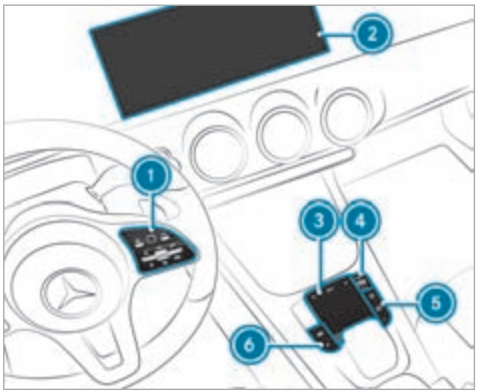
WARNING Risk of distraction from information systems and communications equipment

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 Owner's Manual. For example, route guidance with augmented reality is not available in all equipment variants.

Overview of the MBUX multimedia system



1. Touch Control and control panel for the MBUX multimedia system
2. Media display with touch functionality
3. Touchpad
4. Controller
   Turn: adjusts the volume
   Press briefly: switches the mute function on/off
   Press and hold: switches the MBUX multimedia system or media display on or off
5. Buttons for navigation, radio/media and telephone
6. Buttons for vehicle functions/system settings and favourites/themes

Further operating options:

- Conducting a voice dialogue with LINGUATRONIC.
- Operating functions contact-free with the MBUX Interior Assistant.

ⓘ You can find further information about operation as well as about applications and services in the Digital Owner's Manual.

Anti-theft protection
This device is equipped with technical provisions to protect it against theft. More detailed informa-

tion about anti-theft protection can be obtained at a qualified specialist workshop.

Home screen overview



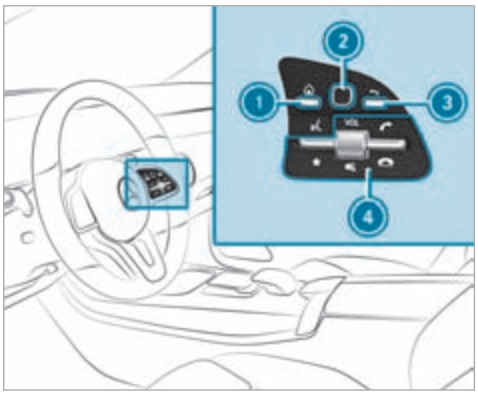
1. Depending on the display, calls up the first three applications or the home screen
2. Calls up the profile
3. Calls up the global search
4. SOS NOT READY (only when the Mercedes-Benz emergency call system is not available)
5. Mercedes me connect active
6. Transmission of vehicle position active
7. Signal strength of the mobile phone network, network display, battery status of the mobile phone connected, time
8. Calls up the Notifications Centre
9. Calls up an application using the symbol

⑩ Application and current information
⑪ Quick-access, e.g. enter home address
⑫ Index points and selected display area
⑬ Calls up the air conditioning menu
⑭ Calls up SUGGESTIONS, THEMES and FAVOURITES

ⓘ If Mercedes me connect ⑤ is active , the vehicle is linked with Mercedes me connect. Vehicle data is then transmitted to the back end system. What data is transmitted depends on which services are activated. Further details can be found in the Mercedes me connect terms and conditions and data protection information. The function is country-dependent.
If transmission of vehicle position ⑥ is active , Mercedes me connect services have been activated for this vehicle which access the vehicle's geoposition. In which instances the geoposition is transmitted depends on the particular services. Further details can be found in the Mercedes me connect terms and conditions and data protection information. The function is country-dependent.

Operating the MBUX multimedia system

Using Touch Control



① ⌂ Calls up the home screen
② Touch Control
③ ↩ Press briefly: returns to the previous display
④ ★ Press the rocker switch down briefly: shows favourites
★ Press the rocker switch down and hold: adds favourites and themes
VOL Turn controller: adjusts the volume
🔇 Press controller: switches off the sound
📞 Press the rocker switch up: makes or accepts a call
📵 Press the rocker switch down: rejects or ends a call

Navigation through the menus is carried out with Touch Control ② with single-finger swipes.

- **To select a menu option:** swipe and press.
- **To move the digital map:** swipe in any direction.

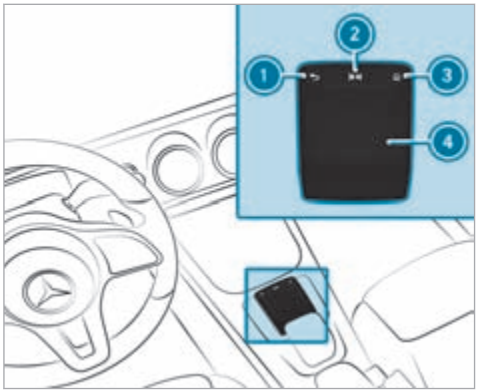
Using the touchscreen

- Select menu options, symbols or characters by pressing briefly.
- **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 call up the global menu:** press and hold on the touchscreen until the OPTIONS menu appears.

ⓘ For more information on operation, please refer to the Digital Owner's Manual.

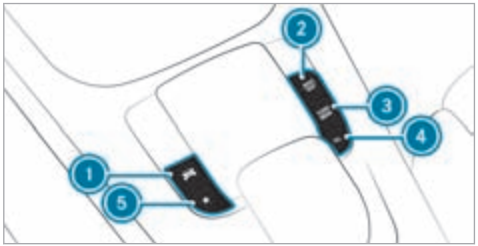
Using the touchpad



1. Returns to the previous display
2. Calls up the audio control menu
   Swiping to the left of right: selects the previous or next radio station/music track
3. Calls up the home screen
4. Touchpad

- **To select a menu option:** swipe and press.
- **To use handwriting recognition:** write a character on the touchpad.
- **To open or close the Notifications Centre:** swipe down or up with two fingers.
- **To zoom in and out of the map:** move two fingers together or apart.

Calling up applications using buttons



1. Calls up vehicle functions
2. NAVI MAP Calls up navigation
3. RADIO MEDIA Calls up radio or media
4. TEL Calls up the telephone

⑤ ★ Press briefly: calls up favourites
Press and hold: adds a favourite or theme

- Alternatively, tap ⌂ on the touchscreen.
- Call up the application (→ page 297).

Functions of LINGUATRONIC

⚠ 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:

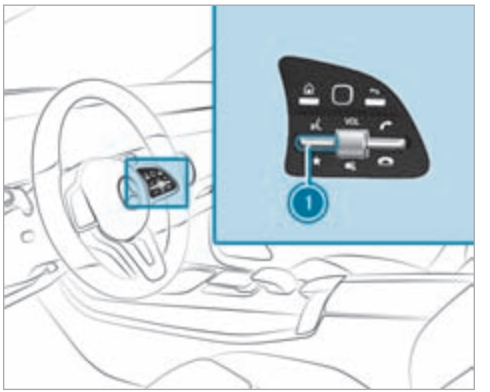
- Observe the legal requirements for the country in which you are driving.
- If you use the voice control system in an emergency your voice can change and your telephone call, e.g. an emergency call, can thereby be delayed.
- Familiarise yourself with the voice control system functions before starting the journey.

With LINGUATRONIC, various applications in the MBUX multimedia system are operable using voice input. LINGUATRONIC is operational approximately thirty seconds after the ignition is switched on and is available for the driver's seat and front passenger seat.

The following multimedia system applications can be operated:

- Telephone
- Text message and e-mail
- Navigation
- Address book
- Radio
- Media
- Vehicle functions

Starting LINGUATRONIC



- Press rocker switch ① up.

or

▶ Say "Hello Mercedes".

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 device is a class 1 laser product in accordance with IEC 60825-1:2014 and DIN EN 60825-1:2014.

The camera is located in the overhead control panel.

If the vehicle is fitted with the MBUX Interior Assistant, selected functions of the multimedia system can be operated contact-free. The MBUX Interior Assistant can differentiate between driver and front passenger interactions and detects specific hand positions (poses).

System limits, display messages and notes for rectification

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 and wait until the camera has cooled down and is available again.
- The camera is covered, dirty, misted up or scratched.

  Wait until the camera has cooled down before cleaning the camera lens.

  Clean the outside of the camera lens with a dry or damp cotton cloth. Do not use microfibre cloths. Do **not** remove the cover when cleaning.
- Recognition can be impaired by reflective clothing, an adverse colour of clothing or by accessories, for example.
- Clothing being worn (hat, shawl, scarf) may be limiting the detection area of the camera.

  Keep the camera's field of vision clear.
- The camera is not operational.

  Consult a Mercedes-Benz service centre.

The MBUX Interior Assistant supports the following interactions:

Interaction area	Interaction	Description
In front of the media display or above the touchpad	Proximity to the control element	The Interior Assistant recognises the approach of the hand towards a control element. Depending on the active application, the display will be adjusted in the media display. Some functions differentiate between driver and front passenger. No specific hand position is required.
Above the centre console	Defined pose	A favourite is called up with a defined pose.
Below the inside rearview mirror	Brief up and down movements	With brief up and down movements below the inside rearview mirror the reading light for the driver or the front passenger is switched on or off.
Above the front passenger seat	Stretching out a hand above the front passenger seat	By stretching out a hand above the front passenger seat the search light is switched on. If you withdraw a hand from this area, the search light is switched off again.

Switching the reading light and search light and on or off

Requirements:

- For the reading light:
  - The function is available when it is dark.
  - The hand movement takes place in the interaction area below the inside rearview mirror.
- For the search light:
  - The function is available when it is dark.
  - The hand movement takes place in the interaction area above the front passenger seat.
  - The seat belt on the front passenger seat must **not** be inserted in the seat belt buckle.

Switching the reading light on and off



- Briefly move a hand up or down beneath the inside rearview mirror.
  The reading light is switched on or off for the driver or the front passenger.

Switching the search light on and off



- **To switch on:** reach across the front passenger seat with a hand.
  The search light is switched on for the driver.
- **To switch off:** take a hand back away from the front passenger seat.
  The search light is switched off again.

Information on profiles, themes, suggestions and favourites

For electrically adjustable seats observe the following notes.

⚠ 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 media 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.

Profiles store your vehicle settings and settings for the multimedia system. If the vehicle is used by several drivers, the driver can select their own profile without changing the stored profile settings of other drivers.

ⓘ Information on profiles from Mercedes me connect can be found in the Digital Owner's Manual.

Vehicle settings are, for example, driver's seat, steering wheel and mirror settings, climate control and ambient lighting. For the settings of the multimedia system, you can select, for example, radio stations, previous destinations as well as themes, suggestions and favourites.

For recurring driving situations, such as long drives on the motorway, you can save your preferred settings in a theme in the vehicle. In a theme you can save the display of the digital map, your preferred radio station and preferred drive program, for example.

The vehicle can learn the habits of the driver. It then offers suggestions for the most probable navigation destinations, media sources, radio stations or contacts. The pre-requirements for that are the selection of a profile, your consent to the recording of data and sufficient collected data.

Favourites provide quick access to applications that are used often. You can select favourites from categories or add them directly to an application.

Configuring profiles, themes and suggestions

Multimedia system:

↳ ⌂ » 👤 Profiles

Creating a new profile

- ▶ Select ＋ Create profile .
- ▶ Select an avatar.
- ▶ Enter the name and confirm with OK.
- ▶ Select Continue ❯ .
- ▶ Select Current settings.
- ▶ Select Save.
- ▶ Activate Bluetooth® and select Connect phone, to connect a mobile phone with the user profile.
- ▶ Select Finished.

Selecting profile options

- ▶ Select ••• for a profile.

The following functions are available:

- Editing, resetting or deleting a profile
- Resetting themes or favourites
- Configuring suggestions

Configuring suggestions

- ▶ Select ••• for a profile.
- ▶ Select Suggestions settings.
- ▶ Switch Allow destination suggestions, Allow music suggestions and Allow contact suggestions on or off.
- ▶ **To deactivate the learning function for one day:** activate Deact. learn. for 24h.

For 24 hours no new actions will be trained and no data recorded for the active profile. Suggestions will continue to be shown.

Example: if the option is switched on and a route to a new destination has been calculated, this destination would not be taken into account for the learning function.

Creating new themes

- Select [⌂].
- Select THEMES.
- Select [+] Set theme .
  The settings saved in the theme are shown.
- Select Continue [>] .
- Select Audio and Navigation and store the active settings in the theme.
- Select Continue [>] .
- Select an entry screen.
- Select Continue [>] .
- Select an image.
- Enter the names into the entry field and confirm with [OK].
- Select Save.

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:
  - Styles
  - Instrument lighting
  - Display brightness
  - Edge lighting
  - Day/night design
- Control elements:
  - Keyboard language and handwriting recognition
  - Sensitivity of the touchpad
  - Sensitivity of the Touch Controls
- LINGUATRONIC
- Sound
  - Entertainment
  - Navigation and traffic announcements
  - Telephone
  - Voice amplification to the rear
- Connectivity:
  - Wi-Fi, Bluetooth®, NFC
- Time & date
- Language
- Units for distance
- Software updates
- Data import/export
- PIN protection
- System reset

Information on important system updates

Important system 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.

A system update consists of three steps:

- Downloading or copying of the data required for installation
- Installation of the downloaded system update

- Activation of the downloaded system update by restarting the system

ⓘ If automatic software updates are activated, the system updates will be downloaded automatically.

The multimedia system provides a message when a system update is available.

You have the following selection options:

- Accept and install

  The system update will be downloaded in the background.
- Information

  Information about the pending system update is displayed.
- Later

  The system update can be downloaded manually at a later time.

Deep system updates

Deep system updates access vehicle or system settings and can therefore only be carried out when the vehicle is stationary and the ignition is switched off.

If the download of a deep system update is complete and the downloaded system update is ready for installation, you will be informed of this after the next ignition cycle, for example.

ⓘ Park the vehicle safely in a suitable location before starting the installation.

Requirements for the installation:

- The vehicle is switched off.
- Notes and warnings have been read and accepted.
- The electric parking brake has been applied.

If all requirements have been fulfilled, the downloaded system update is installed. The multimedia system cannot be operated while the downloaded system update is being installed and vehicle functions are restricted.

If errors should occur during the installation, the multimedia system automatically attempts to restore the previous version. If restoration of the previous version is not possible, a symbol appears on the media display. Consult a qualified specialist workshop to resolve the problem.

Setting up a Wi-Fi hotspot

Requirements:

- **To set up the Wi-Fi connection of the multimedia system with external hotspots:** your vehicle does not have a permanently installed communication module.
- The device to be connected supports at least one of the types of connection described.

Multimedia system:

→ ⌂ » Settings » System » Wi-Fi & Bluetooth

Activating/deactivating Wi-Fi

▶ Select Wi-Fi.

Connecting the multimedia system with an external hotspot using Wi-Fi

The type of connection established must be selected on the multimedia system and on the device to be connected.

ⓘ The connection procedure may differ depending on the device. Follow the instructions that are shown in the display. Further information can be found in the manufacturer's operating instructions.

- Select Internet settings.
- Select Connect via Wi-Fi.
- Select Add hotspot.

Connecting using a QR code

- Select the options [>] of the desired Wi-Fi network.
- Select Connect using QR code.
- Scan the displayed QR code with the device to be connected.
  The Wi-Fi connection is established.

Connecting using a security key

- Select the options [>] of the desired Wi-Fi network.
- Select Connect using security key.
- Have the security key displayed on the device to be connected (see the manufacturer's operating instructions).
- Enter this security key on the multimedia system.
- Confirm the entry with [ok].

Connecting using a WPS PIN

- Select the options [>] of the desired Wi-Fi network.
- Select Connect using WPS PIN input.
  The multimedia system generates an eight-digit PIN.
- Enter this PIN on the device to be connected.
- Confirm the entry.

Connecting using a button

- Select the options [>] of the desired Wi-Fi network.
- Select Connect via WPS PBC.
- Select "Connect via WPS PBC" in the options on the device to be connected (see the manufacturer's operating instructions).
- Press the WPS button on the device to be connected.
- Select Continue in the multimedia system.

Activating automatic connection

- Select Connect via Wi-Fi.
- Select the options [>] of the desired Wi-Fi network.
- Activate Permanent Internet connection.

Connecting with a known Wi-Fi network

- Select Connect via Wi-Fi.
- Select a Wi-Fi network.
  The connection is established again.

Configuring the multimedia system as a Wi-Fi hotspot for external devices

The type of connection established depends on the device to be connected. The function must be supported by the multimedia system and by the device to be connected. The type of connection established must be selected on the multimedia system and on the device to be connected.

- Select Vehicle hotspot.

- Select Connect device to vehicle hotspot.

Connecting using WPS PIN generation

- Select Connect using WPS PIN generation.
- Enter the PIN shown in the media display on the device to be connected and confirm.

Connecting using WPS PIN entry

- Select Connect using WPS PIN input.
- Enter the PIN that is shown on the external device's display on the multimedia system.

Connecting using a button

- Select Connect via WPS PBC.
- Press the push button on the device to be connected (see the manufacturer's operating instructions).
- Select Continue.

Connecting using a security key

- Select Connect device to vehicle hotspot.
  A security key is displayed.
- Select the vehicle from the device to be connected. The vehicle is displayed with the DIRECT-MBUX XXXXX network name.
- Enter the security key which is shown in the media display on the device to be connected.
- Confirm the entry.

Connecting using NFC

- Select Connect via NFC.
- Activate NFC on the mobile device (see the manufacturer's operating instructions).
- Hold the device to be connected at the vehicle's NFC interface.
- Select Finished.
  The mobile device is now connected to the multimedia system hotspot via NFC.

Generating a new security key

- Select Vehicle hotspot.
- Select Generate security key.
  A connection will be established with the newly created security key.
- **To save a security key:** select Save.
  When a new security key is saved, all existing Wi-Fi connections are then disconnected. If the Wi-Fi connections are being re-established, the new security key must be entered.

System language

Notes on the system language

This function allows you to determine the language for the menu displays and the navigation announcements. The selected language affects the characters available for entry. The navigation announcements are not available in all languages. If a language is not available, the navigation announcements will be in English.

Setting the system language

Multimedia system:

→ ⌂ ›› Settings ›› System ›› 🌐 Language

- Set the language.

ⓘ If you are using Arabic map data, the text information can also be shown in Arabic on the navigation map. To do so, select العربية as the language from the language list. Navigation announcements are then also made in Arabic.

Resetting the multimedia system (reset function)

⚠ WARNING Risk of accidents due to failure of multimedia display functions

While the multimedia system is being reset, its functions such as the reversing camera are not available.

▶ Only reset the multimedia system when the vehicle is stationary.

Multimedia system:

↪ ⌂ ›› Settings ›› System ›› Reset

Personal data is deleted, for example:

- Station presets
- Connected mobile phones
- Vehicles with rear telephony: handset connection
- Individual user profiles

ⓘ The guest profile is reset when the settings are restored to the factory settings.

ⓘ Vehicles with rear telephony: The handset must be in the cradle while the system is reset.

A prompt appears again asking whether you really wish to reset.

▶ Select Yes.
The multimedia system is reset to the factory settings. If you have set a PIN for your system, this will also be reset.

Plug-in hybrid settings

Configuring settings for plug-in hybrid vehicles

Multimedia system:

↪ ⌂ ›› EQ

Setting the charging process

▶ Select Departure time.

The following charging times can be selected:

- Once
- Week profile

▶ Select a setting.

Setting a single departure time

▶ Select Departure time.

▶ Select Edit single time.

▶ Set a departure time.

Setting the week profile

▶ Select Departure time.

▶ Select Edit week profile.

▶ Select Add new time.

▶ Set the desired departure times, e.g. every day at 08:00.

▶ Select OK.

Setting the maximum charging current

▶ Select Maximum charge current.

- Select Maximum, 8 amps or 6 amps.
  When the battery is charged, the charging current is limited to the selected amperage.

ⓘ 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 the high-voltage charging of your vehicle. Purchase these parts from your Mercedes-Benz Service Centre and obtain advice there.

Activating or deactivating route-based operating mode strategy

- Select Electric in city.
  Depending on the previous status, the function is activated or deactivated.

Calling up the energy flow display

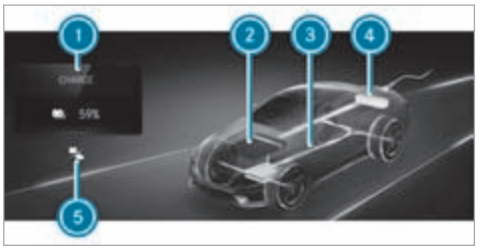
Multimedia system:

↳ ⌂ » EQ

- Select Energy flow.
  The visualisation of the energy flow in the vehicle is displayed.

Information on the status of the hybrid system and the current state of charge of the high-voltage battery is displayed in addition to the energy flow.

Functions of the energy flow display



1. State of charge of the high-voltage battery
2. Combustion engine
3. Energy flow
4. High-voltage battery
5. Status of the route-based operating-mode strategy (→ page 185)

The active components of the hybrid system are highlighted on the energy flow display. The energy flow between the individual components is shown in colour.

The energy flow is shown in different colours 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

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 manoeuvres.

Switching navigation on

Multimedia system:

→ ⌂ ›› Navigation

▶ Alternatively: press the NAVI MAP button.
The map displays the current vehicle position.
The navigation menu is shown.

The navigation menu is hidden if route guidance is active.

▶ **To show:** tap on the touchscreen.
The menu is hidden automatically.

Navigation overview



Example: digital map with navigation menu

1. Enters a POI or address and additional destination entry options
2. Interrupts route guidance (if route guidance is active)
3. Repeats a navigation announcement and switch navigation announcements on or off
4. Calls up the ON ROUTE menu
   - To show Route overview
   - To select Alternative routes
   - Report traffic incident (Car-to-X)
   - To call up the TRAFFIC menu
   - To display Traffic announcements
   - To display Area announcements
   - To display Provider information
5. Quick-access and settings
   - To show Route list
   - To call up the POSITION menu
   - Store position
   - To display Compass
   - To show Qibla (available in selected countries)

- To show Traffic
- To show Parking
- To show Motorway information
- Via Advanced options to use View, Announcements and Route

Entering a destination

Multimedia system:

Navigation ▸▸ Where to?



1. Country in which the vehicle is located
2. Entering a POI or address
3. List with additional destination entry options
4. Deletes an entry
5. OK Confirms an entry
6. Switches to handwriting recognition
7. Enters a space
8. Switches to voice input
9. Sets the written language
10. Switches to digits, special characters and symbols
11. Switches to upper-case or lower-case letters

► Enter the destination in 2. The entries can be made in any order.

The following entries can be made, for example:

- Town, street, house number
- Street, town
- Postcode
- POI name or POI category, e.g. Parking
- Contact name

▶ Select a search result in list 3.

▶ Calculate the route (→ page 314).

ⓘ You can find further information about destination entry, e.g. three-word addresses, in the Digital Owner's Manual.

Changing country

▶ Select the country indicator in 1.

▶ Enter the country indicator.

▶ Select the country in 3.

Using online search

ⓘ Requirements: the media display shows an Internet connection in the status line with the ⇄ symbol.

Destination entry uses online map services. If the on-board search finds no suitable destinations or if you change countries, the online search is available.

For the destination you can enter an address, a POI or a three-word address.

▶ Enter the destination in input line 2.
The search results are displayed.

▶ Select the destination in the list.
The detailed view for the route is displayed.

or

▶ Select country indicator 1.

▶ Select the provider for the online service from the countries list.

▶ Enter the destination in input line 2.

▶ Select the destination in the list.

Calculating a route and using settings for route guidance

Requirements

- The destination has been entered.
- The destination address is shown.

Multimedia system:

⌂ ▸▸ Navigation



1 ⮝ No route yet.
⮝ A route has been mapped.

▶ Select ⮝.
The route to the destination is calculated. Route guidance begins.

or

▶ Select ⮝.

▶ Select Set as intermediate dest..
The destination address is set as the next intermediate destination.

or

- Select Start new route guidance.
  The destination address is set as the new destination. The previous destination and the intermediate destinations are deleted. Route guidance to the new destination begins.

Selecting route settings

- Select ⚙.
- Select Advanced.
- Select Route.
- Select the route type.
- Take traffic information into consideration with Dynamic route guidance ›.
- Select route options with Avoid options.
- Activate Suggest alternative route.
  Alternative routes are calculated for every route.
- Activate Activate commuter route.
  If the requirements are met, the multimedia system automatically detects that the vehicle is on a commuter route. Route guidance begins without voice output.

Activating route guidance with augmented reality

- During route guidance, tap on the camera symbol on the media display.
  The camera image will be shown instead of the navigation map before a turning manoeuvre and will show additional information.
- **To return to the navigation map:** tap on the camera symbol again.

Displaying additional information in the camera image

- Select ⚙.
- Select Advanced.
- Select Augmented Reality.
- Activate Street names and House numbers.
  During route guidance, street names and house numbers are shown in the camera image.

Using map functions

Multimedia system:

↳ ⌂ ›› Navigation

Setting the map scale

- **To zoom in:** tap twice quickly with one finger on the media display.
- **To zoom out:** tap with two fingers on the media display.

Moving the map

- Move one finger in any direction on the touchscreen.
- **To reset the map to the current vehicle position:** press ⌖ briefly.

Selecting map orientation

- Tap repeatedly on the ⊘ compass symbol on the map.
  The view changes in the sequence 3D, 2D heading up to 2D north up.

Switching motorway information on/off

- Select ⚙.

- Activate or deactivate Motorway information.

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 and has been activated.
- The following additional conditions apply to the Parking service:
  - The navigation services option is available, subscribed to and activated in the Mercedes me Portal.
  - The parking service is part of the scope of the Navigation Services.

Multimedia system:

→ ⌂ » Navigation

Displaying the traffic situation with Live Traffic Information

- Select ☼.
- Activate Traffic.
- Select Advanced.
- Select View.
- Select Map elements.
- Activate Traffic incidents, Free-flowing traffic and Delay.
  If traffic information has been received, then traffic incidents such as roadworks, road blocks, local reports (e.g. fog) and warning messages are displayed.

  The traffic delay is displayed for the current route. Traffic delays lasting one minute or longer are taken into consideration.

Displaying hazard warnings with Car-to-X-Communication

If hazard warnings are available these can be shown as symbols on the map. The display depends on the settings for the Traffic and Traffic incidents options.

- Set the options.
  If Traffic is switched off and Traffic incidents is switched on, the symbols are shown on the prospective route.

Displaying weather information and other map contents

- Select ☼.
- Select Advanced.
- Select View.
- Select Map elements.
- Scroll up and show the ONLINE MAP CONTENTS category.
- Switch on a service, e.g. Weather.
  Current weather information is displayed on the navigation map, e.g. temperature or cloud cover.

Parking service

NOTE Damage to the vehicle due to not observing the maximum permitted headroom clearance

If the vehicle height is greater than the maximum permitted headroom clearance, the roof and other parts of the vehicle may be damaged.

- Observe the signposted headroom clearance.
- If the vehicle height is greater than the permitted headroom clearance, do not enter.
- Observe the changed vehicle height with add-on roof equipment.

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.

ⓘ This service is not available in all countries.

- Select ☼ and activate Parking.
- Tap on P in the map.
- 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 car park, e.g.
    - 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 314).

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 notes for safe operation:

- Use USB-IF certified USB storage media.

  The USB-IF is a non-profit society and stands for USB Implementers Forum. Based on the USB specification, the USB-IF certifies e.g. USB versions, corresponding cables and plugs as well as methods for supplying energy via the USB interface.
- Frequent and continuous high-speed overwriting can damage the USB storage media.

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:

→ ⌂ ⏩ Mercedes me & Apps ⏩ Dashcam

- ▶ 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 video recording with the dashcam

Requirements:

- A USB device is connected with the multimedia system .
- The vehicle is switched on.

Multimedia system:

→ ⌂ ⏩ Mercedes me & Apps ⏩ Dashcam

- ▶ If several USB devices are connected with the multimedia system, select a USB device (→ page 318).
- ▶ Select the Individual recording or Loop recording recording mode.
  If Individual recording is selected and the memory is full the recording stops.

  If Loop recording has been selected, several short video files are recorded. When the memory limit is reached, the oldest video file is deleted and recording is continued automatically.

ⓘ If Loop recording is selected, the dashcam app can only overwrite the last 100 video files due to the system limit.

- ▶ **To start:** select Start recording.
  The length of the recording is shown. The Please do not remove the storage medium. message appears. The video file is stored on the USB device.

▶ **To end:** select End recording.

A report may appear in the following cases:

- For the Individual recording recording mode: 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.
- If a video recording has started and a national border is detected, the National border crossed. Please observe the countryspecific regulations regarding video recording. message appears.

  This function is not available in all countries.
- The camera is not functional, the Camera unavailable message appears.

  Have the camera checked in a Mercedes-Benz service centre.

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 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, luggage 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 boot/load compartment.

Observe the additional information on stowing mobile communications devices correctly:

- Loading the vehicle (→ page 120)
- Stowing and securing the mobile phone (→ page 137)

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. Full functionality is only available if the mobile phone supports both of the following Bluetooth® profiles:

- 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.

Irrespective of this, Bluetooth® audio functionality can by 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 a Mercedes-Benz service centre or at: https://www.mercedes-benz.com/connect

Telephone menu overview



1. Bluetooth® device name of the currently connected mobile phone/of the mobile phone
2. Bluetooth® device name of the currently connected mobile phone/of the mobile phone (two phone mode)
3. Battery status of the connected mobile phone
4. Signal strength of the mobile phone network
5. Options
6. Device manager
7. Messages
8. Numerical pad
9. 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 the mobile phone in the foreground.
  - You can receive incoming calls and messages with the mobile phone in the background.

    You can interchange the mobile phone in the foreground and background.

Connecting a mobile phone

Requirements

- Bluetooth® is activated on the mobile phone (see the manufacturer's operating instructions).
- Bluetooth® is activated on the multimedia system.

Multimedia system:

→ ⌂ » Phone

Searching for a mobile phone

▶ Select .

▶ Select Connect new device.

Connecting a mobile phone

Authorisation follows using secure simple pairing.

▶ 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:

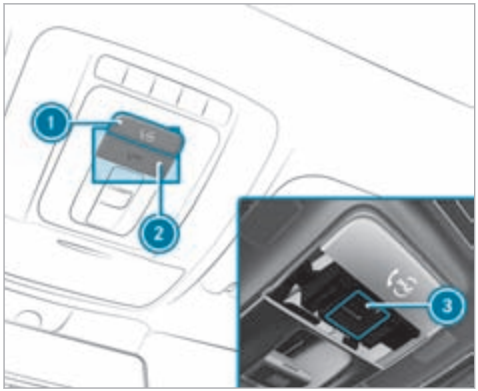
- Making calls, e.g.:
  - Accepting a call
  - End call
  - Create conferen. call
  - Accepting or rejecting a waiting call
- Managing contacts, e.g.:
  - Downloading mobile phone contacts
  - Managing the format of a contact's name
  - Saving a contact as a favourite
- Receiving and sending messages, e.g.:
  - Using the read-aloud function
  - Dictating a new message

Mercedes me app

Mercedes me calls

Making a call via the overhead control panel

ⓘ Mercedes me calls are not possible in every country. Find out at a Mercedes-Benz service centre if these functions are available in your country.



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

A call to the Mercedes-Benz Customer Centre has been initiated via the me button in the overhead control panel or the multimedia system (→ page 322).

Using the voice dialogue system you access the desired service:

- Accident and Breakdown Management
- Mercedes-Benz Customer Centre for general information about the vehicle

You can find information on the following topics:

- Activation of Mercedes me connect
- Operating the vehicle
- Nearest Mercedes-Benz service centre
- Other products and services from Mercedes-Benz

Data is transferred during the connection to the Mercedes-Benz Customer Centre (→ page 325).

Calling the Mercedes-Benz Customer Centre using the multimedia system

Requirements

- Access to a mobile phone network is available.
- The contract partner's mobile network coverage is available in the respective region.
- The vehicle must be switched on so that vehicle data can be transferred automatically.

Multimedia system:

↳ ⌂ » Phone » 👥

- Call Mercedes me connect.
  After confirmation, the multimedia system sends the required vehicle data. The data transfer is shown in the media display.

Then you can select a service and be connected to a specialist at the Mercedes-Benz Customer Centre.

Calling the Mercedes-Benz Customer Centre after automatic accident or breakdown detection

Requirements:

- The vehicle has detected an accident or breakdown situation.
- The vehicle is stationary.
- The hazard warning lights are switched on.

ⓘ This function is not available in all countries.

The vehicle can detect accident or breakdown situations under certain circumstances.

Requirements for collision detection in the context of accident management:

- 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 protection is primed on a locked vehicle, you will receive a notification in the multimedia system when you switch the vehicle on.

Find out at a Mercedes-Benz service centre if this functions is available in your country.

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.

In the event an accident or breakdown is detected, the emergency guide shows safety notes in the multimedia system display.

After quitting the emergency guide display on the multimedia system, a prompt appears asking whether you would like to get support from the Mercedes-Benz Customer Centre.

▶ 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 327).
- The Mercedes-Benz Customer Centre takes your call and organises 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 334).

ⓘ In addition, if the Mercedes me connect service "Telediagnostics" 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 Centre or have already received support, this prompt can be ignored or declined.

ⓘ If you answer the prompt for support from the Mercedes-Benz Customer Centre with Later, the message will be hidden and appear again later.
The prompt triggered by the Mercedes me connect service "Telediagnostics", 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 Centre. You will then receive individual recommendations regarding the maintenance of your vehicle.

Regardless of whether you have consented to the maintenance management service, the multimedia system reminds you after a certain amount of time that a service is due. A prompt appears asking if you would like to make an appointment.

▶ **To arrange a service appointment:** select Call.
After your agreement, the vehicle data is transferred and the Mercedes-Benz customer centre 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 Later after the service message appears, the message is hidden and reappears at a later time.

Giving consent to data transfer during a Mercedes me call

Requirements

- There is an active Mercedes me call via the multimedia system or the me button in the overhead control panel (→ page 322).

ⓘ The prompt to confirm data transfer does not appear in all countries.

If the Accident/Breakdown Management and Maintenance Management services are not activated on Mercedes me, the Do you want to transmit vehicle data and the vehicle's position to the Mercedes-Benz Customer Centre in order to improve the processing of your request? message is shown.

ⓘ The exact phrase may differ depending on the multimedia system installed.

▶ Select Yes.
- The relevant vehicle data is sent automatically (→ page 325).

or

▶ Select No and confirm.
- Only call control data is transmitted (→ page 325).

More information on Mercedes me: https://www.mercedes.me

Data transferred during a Mercedes me call

When you make a service call via Mercedes me, data is transmitted. This enables targeted advice and a smooth 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

ⓘ A prompt for consent to the data transfer only occurs if the corresponding Mercedes me connect service is not activated.

ⓘ The scope of the transmitted data depends on the vehicle model and 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 and the data protection prompt has been confirmed the following data is transmitted:

- Vehicle identification number
- Time of the call
- Reason for the initiation of the call
- Confirmation of the data protection prompt
- Country indicator of the vehicle
- Set language for the multimedia system
- Telephone number of the communication platform installed in the vehicle

If a call is made for a service appointment via the service reminder, the following data is also transmitted:

- Current mileage and maintenance data

If a call is made after automatic accident or breakdown detection using the multimedia system, the following data is also transmitted:

- Current mileage and maintenance data
- Current vehicle location

If Accident and Breakdown Management is called via the voice control system and no service has been activated, but the data protection query has been confirmed, the following data can also be called up from the vehicle by the Mercedes-Benz Customer Centre:

- Current vehicle location

If the data protection prompt has been rejected, the following data is transmitted to enable targeted advice and an efficient service:

- Reason for the initiation of the call
- Rejection 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

Data transfer if Mercedes me connect services are activated

Only if the respective service is activated will additional incident-specific data be transmitted in the second stage to enable an optimal service.

An overview of the data transmitted can be found in the respective terms of use for Mercedes me connect services. These can be obtained in the Mercedes me portal: https://me.secure.mercedes-benz.com

Data processing

The data transmitted within the scope of the call is deleted from the processing system after the call is finished, in so far as this data is not being used for other activated Mercedes me connect services.

The incident-specific data is processed and stored in the Mercedes-Benz Customer Centre and, if required to process the incident, forwarded to the service partner authorised by the Mercedes-Benz Customer Centre. Please take note of the data protection information on the Mercedes me Internet page https://www.mercedes.me or in the recorded message immediately after calling the Mercedes-Benz Customer Centre.

ⓘ The recorded message is not available in every country.

Mercedes me connect

Information on Mercedes me connect

ⓘ Mercedes me connect or individual Mercedes me connect services are not available in every country. Find out at a Mercedes-Benz service centre if these functions are available in your country.

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 centre 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 322).

You can also call the Mercedes-Benz Customer Centre using the multimedia system (→ page 323).

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 334, 333).

Observe the conditions of use for Mercedes me connect and other services. These 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 a Mercedes-Benz service centre 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 334, 333)

  If necessary, the contact person at the Mercedes-Benz emergency call centre forwards the call to Mercedes me connect Accident and Breakdown Management. Forwarding the call is however not possible in all countries.
- Breakdown assistance by a technician on location and/or the towing away of the vehicle to the nearest Mercedes-Benz service centre

  You may be charged for these services.
- Addition to the emergency guide after automatic accident or breakdown detection (→ page 324)

  In the event of a breakdown or accident, further vehicle data is sent which enables optimal support by the Mercedes-Benz Customer Centre and the authorised service partner or breakdown assistance.
- Addition to the Mercedes me connect service Telediagnostics

  With the Telediagnostics 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 Centre 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 331).

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 a Mercedes-Benz service centre or visit the Mercedes me portal: https://me.secure.mercedes-benz.com

ⓘ Make sure you always keep the Mercedes me apps updated.

You can call up the menu using Mercedes me & Apps in the multimedia system.

In the Mercedes me & 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

Overview of In-Car Office

Using In-Car Office, you can connect your online services to the multimedia system.

Requirements for In-Car Office

- Your mobile phone is connected to the multimedia system (⟶ page 322).
- You have a user account for the Mercedes me Portal.
- The In-Car Office service is activated in the Mercedes me Portal.
- You have a user account with an online service, e.g. with Office 365 or Gmail, and have connected the user account to In-Car Office.

In-Car Office functions

- Display pending appointments in the calendar
  - Reading out calendar entries
  - Calling stored telephone numbers
  - Navigating to appointments with navigable destinations
  - Deleting a calendar entry
- Display and selection of tasks and calls to complete
  - Reading aloud
  - Calling stored telephone numbers
  - Deleting
- Noting calls
  - Declining incoming calls and saving as a task in the Tasks & calls menu
- Marking entry in Tasks & calls as completed ☑
- Managing e-mails
  - Showing/reading e-mails
  - Writing and forwarding e-mails

ⓘ You can start the In-Car Office function using the Mercedes me & Apps menu. Please note that certain functions are only available when the vehicle is stationary.

Web browser overview

The web browser is started using the Mercedes me & Apps menu.



1 URL entry
2 Bookmarks
3 Web page, back
4 Web page, forwards
5 To refresh/stop
6 Options

ⓘ 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 via Bluetooth® to the multimedia system.

The full range of functions for Smartphone Integration is only possible with an internet connection. The appropriate application must be downloaded on the mobile phone to use Smartphone Integration. The mobile phone must be switched on and connected to a USB port with the symbol on the multimedia system using a suitable cable.

Apps for Smartphone Integration

- Apple CarPlay®
- Android Auto

ⓘ For safety reasons, the first activation of Smartphone Integration on the multimedia system must be carried out when the vehicle is stationary and the parking brake is applied.

You can start Apple CarPlay® or Android Auto from the device manager.

ⓘ Mercedes-Benz recommends disconnecting 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 (anonymised)

The transfer of this data is used to optimise 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 309).

The following driving status data is transmitted:

- Transmission position engaged
- Distinction between parked, standstill, rolling and driving
- Day/night mode of the instrument 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

This data is used by the mobile phone to improve the accuracy of the navigation (e.g. for continuation in a tunnel).

Mercedes-Benz emergency call system

Information on available emergency call systems

Two types of emergency call system are available to you in the vehicle:

- Mercedes-Benz emergency call system
- 112 emergency call system (EU eCall)

The Mercedes-Benz Emergency Call System is not available in all countries. You can find more information on the regional availability of the Mercedes-Benz Emergency Call System at: https://www.mercedes-benz-mobile.com/extra/ecall/

The following applies for both emergency call systems:

- The transfer of specific data is required for the intended function of both emergency call sys-

tems. This will be explained in the "Data transfer" section (⟶ page 335).

- Both emergency call systems are included as standard equipment in your vehicle and are activated at the factory.
- The use of both emergency call systems is exempt from charges.
- Both emergency call systems only function in areas in which the mobile phone network providers offer mobile phone coverage.

For both systems, insufficient network coverage from the mobile phone network providers can result in an emergency call not being transmitted.

Differences between the Mercedes-Benz emergency call system and 112 emergency call system (EU eCall)

Mercedes-Benz emergency call system	112 emergency call system (EU eCall)
• The Mercedes-Benz emergency call system is permanently logged in to the mobile phone network. • Automatic and manual Mercedes-Benz emergency calls are transmitted to a Mercedes-Benz emergency call centre. In the event that the emergency call centre of the Mercedes-Benz emergency call system cannot be reached (e.g. due to a lack of network coverage), the 112 emergency call is carried out automatically.	• If you decide to use the 112 emergency call system (EU eCall), then the system only logs in to the mobile phone network after the triggering of a manual or automatic emergency call. • The 112 emergency call system (EU eCall) transmits automatic and manual emergency calls directly to public coordination centres.

ⓘ The 112 emergency call system (EU eCall) in your vehicle meets the delegated regulation EU 2017/79. Proper and full functionality of the 112 emergency call system (EU eCall) depends on circumstances beyond the influence of Mercedes-Benz AG. This includes mobile network coverage and the technical infrastructure of the public reception centres in the respective countries.

ⓘ Please observe that in the event of a repair genuine Mercedes-Benz batteries must be used which have been certified pursuant to the delegated regulation EU 2017/79 (Appendix I). Other manufacturers are also permitted provided their batteries are certified according to the delegated regulation EU 2017/79.

There is the option of deactivating the Mercedes-Benz emergency call system and using only the

112 emergency call system (EU eCall). Contact address for carrying out deactivation of the Mercedes-Benz emergency call system are the local dealers.

Mercedes-Benz recommends the activation of the Mercedes-Benz emergency call system for the following reasons:

- In emergency situations when abroad, you can also get support in a language you speak.
- Several transmission technologies are used to accelerate the transfer of the accident data and improve reliability of the transmission.
- The Mercedes-Benz emergency call system is permanently logged in to the mobile phone network, which ensures faster placement of the emergency call and faster transfer of the accident data.

  Measures for rescue, recovery or towing away can then be initiated in quickly.
- With a Mercedes-Benz emergency call, the accident data is only transferred to the public coordination centre with the approval of the customer.

  In the event of an automatically triggered emergency call in which there is no voice contact, the accident data is transmitted immediately to the public emergency call centre.
- Should the Mercedes-Benz emergency call centre not be available, the 112 emergency call is carried out automatically.

Overview of emergency call systems

Both the Mercedes-Benz emergency call system as well as the 112 emergency call system (EU eCall) can help to reduce the time between an accident and the arrival of emergency services at the site of the accident. They help locate an accident site in places that are difficult to access.

Both emergency call systems can initiate an emergency call automatically (→ page 334) or manually (→ page 335).

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.

Messages on the display

The following messages appear in the display of both emergency call systems:

- SOS NOT READY: the vehicle is not switched on or the emergency call system is malfunctioning. This does not necessarily indicate complete failure of the emergency call system. Emergency calls can still be transmitted.

  The display only refers to the vehicle and does not take account of the availability of mobile phone networks and the Mercedes-Benz emergency call centre.

  The functional readiness of the emergency call system on the vehicle can be seen when the SOS NOT READY display disappears once the vehicle is switched on.
- SOS: the icon appears in the display during an active emergency call.

ⓘ If there is a malfunction of the emergency call system, the loudspeakers, microphone, airbag or the SOS button, for example, are faulty.

You can recognise a fault in the emergency call system by the following displays:

- A corresponding message will also appear in the Instrument Display.
- The SOS button lights up red continuously.

Overview of the Mercedes-Benz emergency call system

The Mercedes-Benz emergency call system can help to decisively 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.

An emergency call can be made automatically (→ page 334) or manually (→ page 335). 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.

You can find more information on the regional availability of the Mercedes-Benz emergency call system at: https://www.mercedes-benz-mobile.com/extra/ecall/

Messages on the display

The following messages appear in the display:

- SOS NOT READY: the vehicle is not switched on or the emergency call system is malfunctioning . This does not necessarily indicate complete failure of the emergency call system. Emergency calls can still be transmitted.

  The display only refers to the vehicle and does not take account of the availability of mobile phone networks and the Mercedes-Benz emergency call centre.

  The functional readiness of the emergency call system on the vehicle can be seen when the SOS NOT READY display disappears once the vehicle is switched on.
- SOS: the icon appears in the display during an active emergency call.

ⓘ If there is a malfunction of the emergency call system, the loudspeakers, microphone, airbag or the SOS button, for example, are faulty.

You can recognise a fault in the emergency call system by the following displays:

- A corresponding message will also appear in the Instrument Display.
- The SOS button lights up red continuously.

Triggering an automatic emergency call

Requirements:

- The vehicle is switched on.
- The starter battery is sufficiently charged.

Both the Mercedes-Benz emergency call system as well as the 112 emergency call system (EU eCall) automatically initiate an emergency call after:

- Activation of the restraint systems such as airbags or seat belt tensioners after an accident

The emergency call has been made:

- A voice connection is established with the emergency call centre.
- A message with accident data is transmitted to the emergency call centre.

The SOS button in the overhead control panel flashes until the emergency call is finished.

If no connection can be made to the public emergency services, a corresponding message appears in the display.

- Dial the emergency number 112 or an appropriate local emergency call 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 centre.
- On the basis of the call, the emergency call centre decides whether it is necessary to call rescue teams and/or the police to the accident site.
- If no vehicle occupant answers, an ambulance is sent to the vehicle immediately.

Triggering a manual emergency call

- **To use the SOS button in the overhead control panel:** press the SOS button at least one second long (→ page 322).
- **To use voice control:** use the LINGUATRONIC voice commands .

The emergency call has been made:

- A voice connection is established with an emergency call centre.
- 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 centre.
- On the basis of the call, the emergency call centre decides whether it is necessary to call rescue teams and the police to the accident site.
- A message with accident data is transmitted to the emergency call centre.

If no connection can be made to the public emergency services, a corresponding message appears in the media display.

- Dial the 112 emergency number or the appropriate local emergency call number on your mobile phone.

Emergency call system data transfer

For both the Mercedes-Benz emergency call system as well as the 112 emergency call system (EU eCall) data is transferred to the Mercedes-Benz emergency call centre or the public emergency services call centre.

Depending on the emergency call system (→ page 331) activated different data is transmitted to the appropriate emergency call centre.

Transmitted data according to activated emergency call system:

Mercedes-Benz emergency call	112 emergency call
• Vehicle's GPS position data • GPS position data on the route (a few 100 m before the accident) • Direction of travel • Vehicle identification number • Drive type of the vehicle (e.g. petrol, CNG, LPG, electric or hydrogen) • Number of people detected in the vehicle • Whether the emergency call was initiated manually or automatically • Time of the accident • Language setting on the multimedia system • Whether Mercedes me connect is available or not This is a requirement for the option of forwarding the call to the Mercedes-Benz Customer Centre if necessary.	• Vehicle's GPS position data • GPS position data on the route (a few 100 m before the accident) • Direction of travel • Vehicle identification number • Drive type of the vehicle (e.g. petrol, CNG, LPG, electric or hydrogen) • Number of people detected in the vehicle • Whether the emergency call was initiated manually or automatically • Time of the accident

ⓘ If only the 112 emergency call system (EU eCall) is activated in the vehicle, the accident data is transmitted directly to the public emergency call centre.

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.
- Emergency call data can be called up.

ⓘ For Russia: various functions, e.g. receiving traffic information, cannot be performed for up to two hours after sending an emergency call.

Self diagnosis function of the emergency call system

Your car verifies the operability of the emergency call system each time the vehicle is ON. In case of system failure, you will be informed with text message on the instrument cluster and with red indicator SOS NOT READY on the display.

Please, make sure, that during 30 seconds after switching vehicle ON the red indicator SOS NOT READY in the upper right corner of display is switched OFF, this means the emergency call system passed diagnostics successfully.

Starting/ending ERA-GLONASS test mode

Requirements:

- The starter battery is sufficiently charged.
- The vehicle is switched on.
- The vehicle has been stationary for at least one minute.

ⓘ The test mode is currently available in the following countries, for example:

- Russia
- Belarus
- Kazakhstan
- Armenia
- Kyrgyzstan

▶ **To start the test mode:** press and hold the button on the multifunction steering wheel for at least five seconds.
The test mode is started and automatically ends after the language test has been performed.

▶ **To stop manual test mode:** switch off the vehicle.
The test mode is ended.

Information on data processing

Processing of personal data via the Mercedes-Benz emergency call system

All processing of personal data via the Mercedes-Benz emergency call system corresponds with the specifications in the EU Regulation 2016/679 "on the protection of natural entities with regard to the processing of personal data (GDPR)".

The data is solely used by the Mercedes-Benz emergency call system for rescue and recovery in the event of an accident.

The owner of a vehicle, that is equipped with a Mercedes-Benz emergency call system in addition to the 112 emergency call system (EU eCall), has the right to use the 112 emergency call system instead of the Mercedes-Benz emergency call system.

Contact address for carrying out deactivation of the Mercedes-Benz emergency call system are the local dealers.

Processing of personal data via the 112 emergency call system (EU eCall)

All processing of personal data via the 112 emergency call system (EU eCall) corresponds with the specifications in the EU Regulation 2016/679 "on the protection of natural entities with regard to the processing of personal data (GDPR)" and is based particularly on the necessity of upholding the vital interests of the affected person in accordance with Article 6, Clause 1, Letter d of the GDPR.

The processing of this type of data is strictly limited to the purpose of operating the emergency calls to the standard European emergency call number 112.

Data recipient

The recipients of data that is processed using the 112 emergency call system (EU eCall) are the relevant emergency call inquiry terminals that are specified to first receive and handle emergency calls to the standard European emergency call number 112 by the respective country authorities in whose territory you are located.

Arrangements for data processing

Both emergency call systems are designed so that the following requirements are fulfilled:

- The data contained in the system memory is not accessible outside the system prior to the initiation of an emergency call.
- Both emergency call systems cannot be traced and there is no continuous tracking in normal operation.
- The data in the system's internal memory is automatically and continuously deleted.
- The location data of the vehicle is continuously overwritten in the system's internal memory, so that no more than the last three current locations required for the normal function of the system are available.
- The record of the activity data of both emergency call systems is only kept for as long as is required to fulfil the purpose of handling the emergency call, however for no longer than 13 hours after the time that an emergency call is initiated.

Rights of persons affected by the data processing

The person affected by the data processing (the vehicle owner) has the right to access the data and if applicable can demand the correction, deletion or barring of data that affects him or her and that the processing of which does not correspond with the GDPR regulations. Each correction, deletion or barring carried out according to this regulation must be shared with the third party to which the data has been transmitted, provided this does not prove to be infeasible and does not incur disproportionate expenditure.

The person affected by the data processing has the right to complain to the appropriate data protection authority should they be of the opinion that their rights have been infringed by the processing of their personal data.

Responsible contact point for the processing of access rights: Konzernbeauftragter für den Datenschutz, Daimler AG, HPC G353, D-70546 Stuttgart, Germany

Radio & media

Overview of the symbols and functions in the media menu

Symbol	Designation	Function
	Play	Select to start or continue playback.
	Rest	Select to pause the playback.
	Repeat a track	Select to repeat the current track or the active playlist. • Select once: the active playlist is repeated. • Select twice: the current track is repeated. • Select three times: the function is deactivated.
	Random playback	Select to play back the tracks in random order.
	Skip forwards/back	Select to skip to the next or to the previous track.
	Options	Select to show additional options.
	Categories	Select to show or search through available categories (e.g. playback lists, albums, artists, etc.).
	Search	Select to search in the active menu. You can search for artists, genres or moods, for example.

Symbol	Designation	Function
	Settings	Select to make settings.
	Home	Select to return to the home screen.
	Messaging	Select to call up messaging.
	Full screen	Select to switch to full screen mode.

The following functions and settings are available in the media menu:

- Connecting external data storage media with the multimedia system (e.g. using USB or Bluetooth®)
- Playing back audio or video files
- Streaming online music

Authorising a Bluetooth® audio device for media playback

Requirements:

- Bluetooth® is activated on the multimedia system and audio equipment.
- The audio equipment supports the Bluetooth® audio profiles A2DP and AVRCP.
- The audio equipment is "visible" for other devices.

Multimedia system:



With Bluetooth® audio, you can play back music files from an external data storage medium, e.g. your smartphone, using the MBUX multimedia system.

▶ To play back audio files using the multimedia system, authorise the external data storage medium on the MBUX multimedia system.

Authorising a new Bluetooth® audio device

▶ Select Connect new device.

- Select an audio device.
  Authorisation starts. A code is displayed on the multimedia system and on the mobile phone.
- If the codes are identical, confirm on the audio equipment.
- Select Only as Bluetooth audio device.
  The Bluetooth® audio equipment is connected with the multimedia system.

Connecting previously authorised Bluetooth® audio equipment

- Select a Bluetooth® audio device from the list.
  The connection is being established.

Overview of the symbols and functions in the radio menu

Symbol	Designation	Function
	Home	Select to return to the home screen.
	Messaging	Select to call up messaging.
/	Skip forwards/back	Select to skip to the next or to the previous station.

Symbol	Designation	Function
	Settings	Select to have further options shown. Settings can be made to the following additional functions, for example: • Navigation and traffic announcements • Frequency fix function • Radio additional text • Emergency warnings The setting options are country-dependent.
	Full screen	Select to switch to the DAB slide show. This function is not available in all countries.
	Silent function	Select to switch off the sound.
	Store radio stations	Select to save a station in the presets.
	Station list	Select to have the station list shown.
	Search	Select to search in the active menu. You can search for artists, genres or moods, for example.

Additional functions of TuneIn radio

ⓘ A relatively large volume of data can be transmitted when using TuneIn radio.

Symbol	Designation	Function
	Settings	The following additional settings are available in the TuneIn radio menu: • Selecting stream • Logging on to or out of the TuneIn account
	Favourites	Select during playback to save the station currently set as a favourite.
	Play/Pause	Select to start, stop or continue playback.
	Browse	Select to choose a category and then a radio station.

Depending on the frequency band selected, different functions are available to you.

Select the desired frequency band in the radio menu head runner.

Calling up TuneIn Radio

Requirements

- A Mercedes me account is available.
- The vehicle is connected with the Mercedes me account.
- The TuneIn Radio service is activated in the Mercedes me Portal.
- The data volume is available.

Depending on the country, data volume may need to be purchased.

- A fast Internet connection for data transmission free of interference.

ⓘ Data volume can be purchased **directly from a mobile phone network provider** via the Mercedes me Portal.

ⓘ The functions and services are country-dependent. For more information, consult a Mercedes-Benz service centre.

Multimedia system:

↝ ⌂ ›› Radio

▶ Select TuneIn Radio.
The TuneIn menu appears. The last station set starts playing.

ⓘ The connection quality depends on the local mobile phone reception.

Sound settings

Overview of functions in the sound menu

The setting options and functions available depend on the sound system fitted. You can find out which sound system is fitted in your vehicle in the Digital Owner's Manual.

Standard sound system and Advanced sound system

The following functions are available:

- Equaliser
  - Treble, mid-range and bass
- Balance and fader
- Volume
  - Automatic adjustment

Burmester® surround sound system and Burmester® high-end 3D surround sound system

The following functions are available:

- Equaliser
  - Treble, mid-range and bass
- Balance and fader
- Sound focus
- VIP seat (Burmester® high-end 3D surround sound system only)
- Sound profiles
- Volume
  - Automatic adjustment

ASSYST PLUS service interval display

Function of the ASSYST PLUS service interval display

The ASSYST PLUS service interval display on the instrument display informs you of the time or distance remaining 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
- **Vehicles with diesel particulate filters:** in the event of frequently interrupted regeneration of the diesel particulate filter

Mercedes-Benz recommends avoiding such operating conditions.

You can obtain information concerning the servicing of your vehicle from a qualified specialist workshop, e.g. a Mercedes-Benz service centre.

Displaying the service due date

On-board computer:

↳ Service ⏩ ASSYST PLUS

The next service due date is displayed.

▶ **To exit the display:** press the back button ⮌ on the steering wheel.

Bear in mind the following related topic:

- Operating the on-board computer (→ page 290).

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. Check the tyres more frequently if the vehicle is operated under increased stress. 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 instrument display before disconnecting the battery (→ page 345).

Maintenance Management

Notes about Maintenance Management

If the Maintenance Management service is activated, relevant data is automatically transferred to the Mercedes-Benz customer centre.

The customer centre 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.

ⓘ 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 centre via the maintenance reminder in the multimedia system.

ⓘ Maintenance Management and the maintenance reminder in the multimedia system are not available in every country. Contact a Mercedes-Benz service centre 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 fault detection and fault 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 Mercedes me account", "Terms of use".

ⓘ Maintenance Management and the maintenance reminder in the multimedia system are not available in every country.

Telediagnostics

Notes about Telediagnostics

ⓘ 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 Telediagnostics service is activated, relevant data is automatically transmitted 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 centre depending on the fault detected. The customer centre 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 Centre. From this message, a call can be made directly to the customer centre 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 centre 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 Telediagnostics

When the service is activated, relevant data is automatically transferred to determine the required scope of maintenance as well as fault detection and fault 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 Mercedes me account", "Terms of use".

ⓘ The scope of the data transmitted depends on the vehicle model and equipment. For technical reasons, not all data is available at all times.

Engine compartment

Active bonnet (pedestrian protection)

Operation of the active bonnet (pedestrian protection)

In certain accident situations, the actuation of the active bonnet reduces the risk of injury to pedestrians. The rear area of the bonnet is raised by approximately 70 mm.

For the drive to the workshop, reset the actuated active bonnet yourself (→ page 347).

After the active bonnet has been actuated, pedestrian protection may be limited.

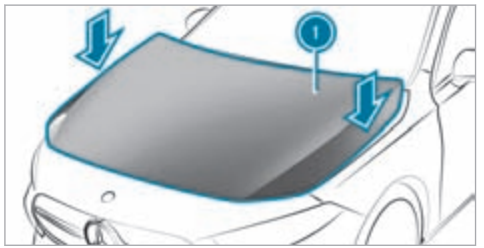
Have the full functionality of the active bonnet restored in a qualified specialist workshop.

Resetting the active bonnet

⚠ **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.



- With your hand flat, push down active bonnet (1) in the area around the hinges on both sides (arrows).
  In doing so, the actuator is depressurised and you may hear a hissing sound.
  The engine bonnet must engage in position.
- If the active bonnet can be raised slightly at the rear in the area of the hinges, repeat the step until it engages correctly.

Opening and closing the bonnet

DANGER Risk of fatal injuries when carrying out maintenance work during the charging process

During the charging process, the high-voltage on-board electrical system is under high voltage.

- Do not perform any maintenance work during the charging process.

WARNING Risk of accident due to driving with the bonnet unlocked

The bonnet may open and block your view.

- Never release the bonnet when driving.
- Before every trip, ensure that the engine bonnet is locked.

WARNING Risk of accident and injury when opening and closing the bonnet

The bonnet may suddenly drop into the end position.

There is a risk of injury for anyone in the engine bonnet's range of movement.

- Do not open or close the bonnet if there is a person in the bonnet's range of movement.

WARNING Risk of burns when opening the bonnet

If you open the bonnet 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 bonnet, allow the engine to cool down.
- In the event of a fire in the engine compartment, keep the bonnet 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 bonnet:

- 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 components under voltage

The ignition system and the fuel injection system operate at high voltage. You could receive an electric shock.

- Never touch ignition system or fuel injection system components 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.

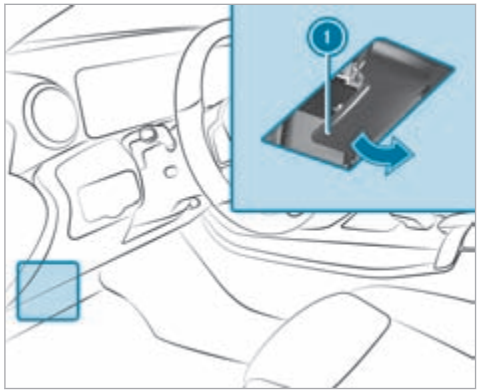
- Allow the engine to cool down and only touch component parts described in the following.

WARNING Risk of injury from using the windscreen wipers when the bonnet is open

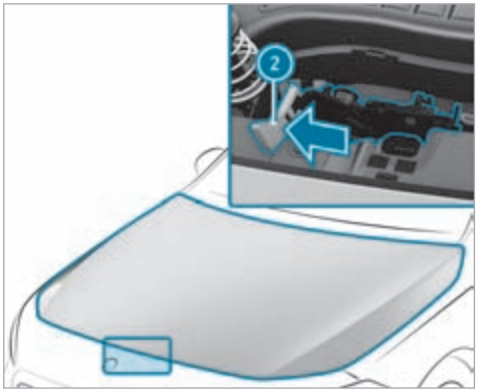
If the windscreen wipers start moving when the bonnet is open, you could be trapped by the wiper linkage.

- Always switch off the windscreen wipers and the vehicle first if you need to open the bonnet.

Opening the bonnet



▶ To release the bonnet, pull on handle (1).



▶ Push yellow handle (2) of the bonnet catch to the left as far as it will go (palm downwards). Lift the bonnet until it is automatically raised by the pneumatic spring.

Closing the bonnet

▶ Lower the bonnet and let it drop from a height of approximately 20 cm.

▶ If the bonnet can still be lifted slightly, open the bonnet again and close it with a little force until it engages correctly.

Engine oil

Checking the engine oil level using the on-board computer

Requirements:

- The engine has been warmed up.
- The vehicle is parked on a level surface.
- The engine is running at idle speed.
- The bonnet is closed.

The engine oil level is determined during driving. Determining the engine oil level can take up to 30 minutes with a normal driving style and even longer with an active driving style.

On-board computer:

Service ▸▸ Engine oil level

One of the following messages will appear on the instrument display:

- Engine oil level Measuring now: measurement of the oil level is not yet possible.

▶ Repeat the request after a maximum of 30 minutes' driving.

- Engine oil level OK and the bar display for indicating the oil level on the instrument display is green and is between "min" and "max": the oil level is correct.
- Engine oil level Add 1,0 l and the bar display for indicating the oil level on the instrument display is orange and is below "min":

▶ Add 1 l of engine oil.

- Reduce engine oil level and the bar display for indicating the oil level on the instrument display is orange 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 turn on ignition

▶ 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 unavail.

▶ Close the bonnet.

Topping up 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.

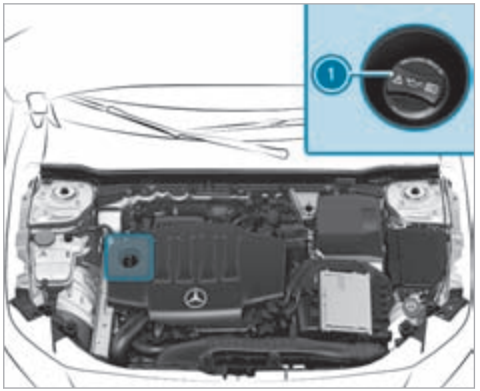
▶ Do not use additives.

NOTE Damage caused by topping up too much engine oil

Too much engine oil can damage the engine or the catalytic converter.

- Have excess engine oil removed at a qualified specialist workshop.

ⓘ Depending on driving style, the vehicle consumes up to 0.8 litres of oil per 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) anti-clockwise and remove it.
- Top up the engine oil.
- Replace cap (1) and turn it clockwise until it engages.
- Check the oil level again (→ page 350).

Checking the coolant level

WARNING Risk of scalding from hot coolant

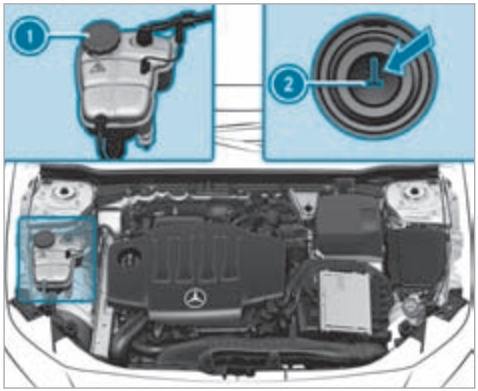
If you open the cap, you could be scalded.

- Let the motor cool down before opening the cap.
- When opening the cap, wear protective gloves and safety glasses.
- Open the cap slowly to release pressure.

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.



- Park the vehicle on a level surface.
- Check the coolant temperature display on the instrument display.
  The coolant temperature must be below 40 °C.
- Slowly turn cap (1) anti-clockwise to release overpressure.
- Continue turning cap (1) anti-clockwise and remove it.

The coolant level is correct in the following cases:

- If the engine is cold, the coolant is up to marker bar (2).
- If the engine is warm, the coolant is up to 1.5 cm over marker bar (2).

- If necessary, refill with coolant that has been approved for Mercedes-Benz.

ⓘ Further information on coolant (→ page 420).

Topping up the windscreen washer system

⚠ WARNING Risk of burns from hot component parts in the engine compartment

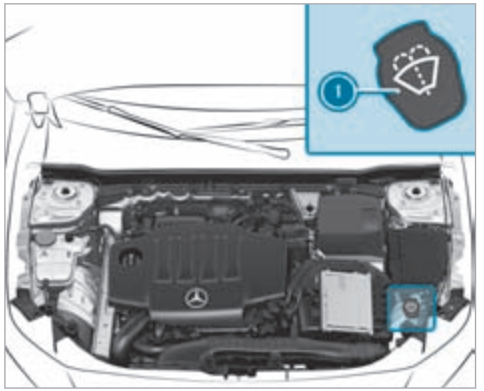
Certain component parts in the engine compartment can be very hot, e.g. the engine, the cooler and parts of the exhaust system.

- Allow the engine to cool down and only touch component parts described in the following.

⚠ WARNING - Risk of fire and injury due to windscreen washer concentrate

Windscreen 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 windscreen washer concentrate spills out next to the filler opening.



- ▶ Remove cap (1) by the tab.
- ▶ Top up the washer fluid.
- ⓘ Further information about the windscreen washer fluid (→ page 421)

Keeping the air/water duct free

- ▶ Keep the area between the bonnet and the windscreen free of deposits, e.g. ice, snow or leaves.

Cleaning and care

Information on washing the vehicle in a car wash

⚠ WARNING Risk of an accident due to reduced braking power after washing the vehicle

Braking efficiency is reduced after washing the vehicle.

- ▶ After the vehicle has been washed, brake carefully while paying attention to the traffic conditions until braking power 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, deactivate these systems in the following or similar situations:

- ▶ When towing.
- ▶ In 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:

- Active Distance Assist DISTRONIC is deactivated.
- The HOLD function is switched off.
- The side windows and sliding sunroof are completely closed.
- The blower for the ventilation and heating is switched off.
- The windscreen wiper switch is in position 0.
- The key is at a minimum distance of 3 m away from the vehicle. Otherwise, the tailgate could open unintentionally.
- For car washes with a conveyor system:
  - Neutral N is engaged.
  - **For vehicles with automatic transmission:** If you leave the vehicle while it is being washed, make sure the key is located in the vehicle. Park position P will otherwise be engaged automatically.

ⓘ If, after the car wash, you remove the wax from the windscreen and wiper rubbers, this will prevent smearing and reduce wiper noise.

Car wash mode

In car wash mode, the vehicle is prepared for driving into an automatic car wash. Car wash mode can be activated at a speed of up to 20 km/h (→ page 356).

The following settings are made when car wash mode is activated:

- The outside mirrors will be folded in.
- To prevent the windscreen washer system from starting up automatically, the rain sensor will be deactivated.
- The rear window wiper will be deactivated.
- The windows and the sliding sunroof will be closed, if necessary.
- The air conditioning system will be set to air-recirculation mode.
- Parking Assist PARKTRONIC will be deactivated.
- **Vehicles with 360° camera:** The front image will be activated after approximately eight seconds.

If one of the settings cannot be made, this will be shown by the X symbol next to the respective setting.

Above a speed of 20 km/h, car wash mode will be deactivated automatically.

The following settings will be reset when car wash mode is deactivated:

- The outside mirrors will be folded out.
- The rain sensor will be activated.
- The rear window wiper will be activated.
- The air conditioning system will be set to fresh air mode.
- Parking Assist PARKTRONIC will be reset to the previously selected setting.

- The windows and the sliding sunroof will remain closed.
- **Vehicles with 360° camera:** The front image will be deactivated at speeds above 18 km/h.

Activating/deactivating automatic car wash mode

Requirements:
- The vehicle is stationary.
- The engine is running.

Multimedia system:

↳ ⌂ ▸▸ Settings ▸▸ Quick access

Activating automatic car wash mode

▶ Select Car wash mode.

▶ Select Start.

If one of the settings cannot be selected, this is displayed by a X behind the respective setting.

ⓘ For an overview of the settings made when activating automatic car wash mode (→ page 354).

Deactivating automatic car wash mode

▶ Select Stop.
The automatic car wash settings are reset.

ⓘ The automatic car wash mode is automatically deactivated as soon as a speed of 20 km/h is exceeded.

Information on using a high-pressure cleaner

⚠ **WARNING** Risk of an accident when using high-pressure cleaners with round-spray nozzles

The water jet can cause externally invisible damage.

Components damaged in this way may unexpectedly fail.

▶ Do not use a high-pressure cleaner with round-spray nozzles.

▶ Have damaged tyres or chassis parts replaced immediately.

To avoid damage to your vehicle, observe the following when using a high-pressure cleaner:

- The key is at a minimum distance of 3 m away from the vehicle. Otherwise, the tailgate could open unintentionally.
- Maintain a distance of at least 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 70 cm between the film-covered parts of the vehicle and the nozzle of the high-pressure cleaner. Move the high-pressure cleaner nozzle around whilst cleaning. The water temperature of the high-pressure cleaner must not exceed 60°C.
- Observe the information on the correct distance in the equipment manufacturer's operating instructions.
- Do not direct the nozzle of the high-pressure cleaner directly at sensitive parts, e.g. tyres, gaps, electrical components, batteries, illuminants or louvres.

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 bonnet.

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).
- Wash the vehicle with lukewarm water using a soft car sponge. When doing so, do not expose the vehicle to direct sunlight.
- Carefully hose the vehicle off with water and dry using a chamois.

ⓘ Observe the notes on the care of car parts (→ page 358).

Notes on paintwork/matt 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.

Matt 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 and light-alloy wheels.
- Only use car washes that correspond to the latest engineering standards.
- Do not use car wash programmes 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 228).

Notes on cleaning decorative films

Observe the "Notes on paintwork/matt finish paintwork care" (→ page 357). They also apply to matt decorative films.

Observe the notes on cleaning decorative films to avoid damage.

Cleaning

- For cleaning, use plenty of water and a mild cleaning agent without additives or abrasive substances (e.g. a car shampoo approved for Mercedes-Benz).
- Remove dirt as soon as possible. Avoid rubbing too hard in order not to damage the decorative film irreparably.
- If there is dirt on the finish or if the decorative film is dull: use the paint cleaner recommended and approved for Mercedes-Benz.
- Insect remains: soak with insect remover and rinse off the treated areas afterwards.
- Bird droppings: soak with water and rinse off afterwards.
- To prevent water stains, dry a film-wrapped vehicle with a soft, absorbent cloth after every car wash.

Avoiding damage to the decorative film

- The service life and colouring of decorative films are impaired by:
  - Sunlight
  - Temperature (e.g. hot air blower)
  - Weather conditions
  - Stone chippings and dirt
  - Chemical cleaning agents
  - Oily products
- Do not use polish on matt decorative film. Polishing will have the effect of shining the film-wrapped surface.
- Do not treat matt or structured decorative films with wax. Permanent stains may occur.

Scratches, corrosive deposits, areas affected by corrosion and damage caused by incorrect care cannot always be completely repaired. In this case, contact a qualified specialist workshop.

You can obtain more information on care and cleaning agents from the manufacturer.

In the case of film-wrapped surfaces, visual differences may occur between the surfaces that were not protected by a decorative film after a decorative film has been removed.

ⓘ Have work or repairs to decorative films carried out at a qualified specialist workshop (e.g. at a Mercedes-Benz Service Centre).

Notes on care of car parts

⚠ **WARNING** Risk of entrapment if the windscreen wipers are switched on while the windscreen is being cleaned

If the windscreen wipers are set in motion while you are cleaning the windscreen or wiper blades, you can be trapped by the wiper arm.

▶ Always switch off the windscreen wipers and the vehicle before cleaning the windscreen or wiper blades.

To avoid damage to the vehicle, observe the notes on cleaning and care of the following car parts:

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 pads will warm up and dry out.

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.

ⓘ After changing the wiper blades or treating the vehicle with wax, clean the windscreen thoroughly with cleaning agents recommended for Mercedes-Benz. Failure to observe the application instructions may result in damage, smear marks or dazzling spots.

ⓘ Remove external fogging or dirt on the windscreen in front of the multifunction camera. Otherwise, driving systems and driving safety systems may be impaired or unavailable (→ page 228).

Wiper blades

- Move the wiper arms into the replacement position (→ page 151).
- With the wiper arms folded out, clean the wiper blades with a damp cloth.

ⓘ Make sure 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 high-pressure cleaners or cleaning agents such as soap.

Sensors

- Clean the sensors in the front and rear bumpers with a soft cloth and car shampoo (→ page 228).
- When using a high-pressure cleaner, maintain a minimum distance of 30 cm.

Reversing camera and 360° camera

- Use clean water and a soft cloth to clean the camera lens.
- Do not use a high-pressure cleaner.

Trailer hitch

- Observe the notes on care in the trailer hitch manufacturer's operator manual.
- Do not clean the ball neck with a high-pressure cleaner or solvent.
- Remove traces of rust on the ball (e.g. using a wire brush).

- Remove dirt with a lint-free cloth.
- After cleaning, lightly oil or grease the ball head.

ⓘ Before using trailers with anti-torsional coupling, observe the manufacturer's operator manual.

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.

To avoid damage to the vehicle, observe the following notes on cleaning and care:

Seat belts

- Clean with lukewarm soapy water.
- Do not use chemical cleaning agents.
- Do not dry by heating them to over 80 °C or exposing them to direct sunlight.

Display

- Switch off the display and let it cool down.
- Clean the surface carefully with a microfibre 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 microfibre 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 into contact with the plastic trim.

Real wood and trim elements

- Clean with a microfibre 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.

Roof lining

- Clean with a brush or dry shampoo.

Carpet

- Use a carpet and textile cleaning agent recommended for Mercedes-Benz.

Steering wheel made of genuine leather or DINAMICA

! **NOTE** Damage caused by wrong cleaners

▶ Do not use solvent-based cleaning agents such as tar remover or wheel cleaner; neither should you use polishes or waxes. Otherwise you may damage the finish.

- Clean with a damp cloth and 1% soapy water solution and then wipe with a dry cloth.
- For heavy soiling: use a 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 microfibre cloth.

ⓘ Leather is a natural product. It exhibits natural surface properties such as differences in structure, marks caused by growth and injury or subtle colour differences. These surface properties are characteristics of leather and not material faults. Leather is also subject to a natural ageing process during which the surface properties change.

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 microfibre cloth.
- Do not allow the leather to become too damp.
- Do not use oil-based cleaning and care products.

ⓘ Leather is a natural product. It exhibits natural surface properties such as differences in structure, marks caused by growth and injury or subtle colour differences. These surface properties are characteristics of leather and not material faults. Leather is also subject to a natural ageing process during which the surface properties change.
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 ageing 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 microfibre 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.
- Use cleaning and care products recommended for Mercedes-Benz.
- Do not use a microfibre cloth.

- Do not use oil-based cleaning and care products.

Fabric seat covers

- Vacuum up dirt such as crumbs or dust and then use a damp microfibre cloth and a 1% soap solution to clean the entire seat cover. Do not spot clean.
- Use cleaning and care products recommended for Mercedes-Benz.
- Do not use oil-based cleaning and care products.

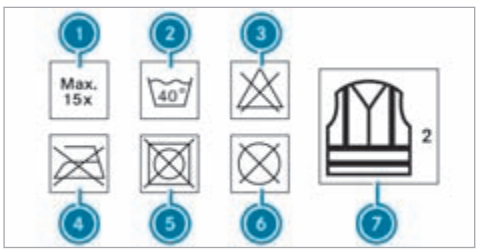
Emergency

Removing the safety vest

The safety vests are located in the stowage compartments in the driver's and front passenger door.

- ▶ Pull out the safety vest bag by the loop.
- ▶ Open the safety vest bag and pull out the safety vest.

ⓘ There are also safety vest compartments in the rear door stowage compartments in which safety vests can be stored.



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.

Replace the safety vest in the following cases:

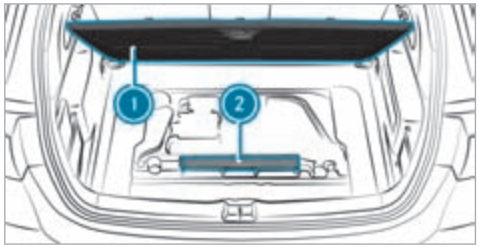
- The reflective strips are damaged or dirty
- The maximum permissible number of washes is exceeded
- The fluorescence property decreases, e.g. due to permanent exposure to sunlight.

Dispose of the safety vest in an environmentally friendly manner:

- Please contact your local waste disposal company.

Warning triangle

Removing the warning triangle



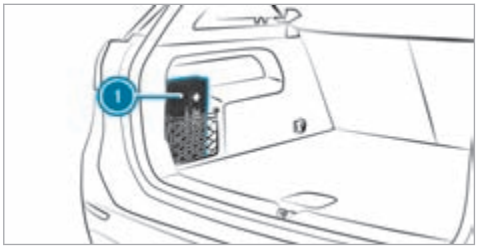
- ▶ Open the load compartment floor ①.
- ▶ Remove the warning triangle ②.

Setting up the warning triangle



- Fold side reflectors (1) upwards to form a triangle and attach at the top using upper press-stud (2).
- Fold legs (3) down and out to the side.

First-aid kit (soft sided) overview



The first-aid bag (1) is located in the load compartment on the left in the stowage net.

Removing the fire extinguisher

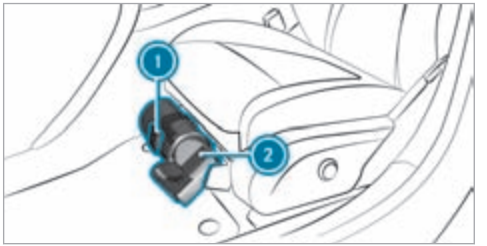
WARNING Risk of accident due to an incorrectly secured fire extinguisher in the driver's footwell

A fire extinguisher may impede pedal travel or block a depressed pedal.

This jeopardises 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.



- **Left-hand drive vehicle:** pull tab (1) upwards.
- **Right-hand drive vehicle:** pull tab (1) downwards.
- Remove fire extinguisher (2).

Flat tyre

Notes on flat tyres

WARNING Risk of accident due to a flat tyre

A flat tyre severely affects the driving characteristics as well as the steering and braking of the vehicle.

Tyres without run-flat characteristics:

- Do not drive with a flat tyre.
- Change the flat tyre immediately with an emergency spare wheel or spare wheel. Alternatively, consult a qualified specialist workshop.

Tyres with run-flat characteristics:

- Observe the information and warning notes on MOExtended tyres (run-flat tyres).

In the event of a flat tyre, the following options are available depending on your vehicle's equipment:

- **Vehicles with MOExtended tyres:** it is possible to continue the journey for a short period of time. Make sure you observe the notes on MOExtended tyres (run-flat tyres) (→ page 365).
- **Vehicles with a TIREFIT kit:** you can seal the tyre so that it is possible to continue the journey 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 via the overhead control panel in the case of a breakdown (→ page 322).
- **All vehicles:** change the wheel (→ page 396).

Notes on MOExtended tyres (run-flat tyres)

WARNING Risk of accident when driving in limp-home mode

Driving in emergency mode impairs the handling characteristics of the vehicle.

- Do not exceed the permissible maximum speed of the MOExtended tyres.
- Avoid any abrupt steering and driving manoeuvres as well as driving over obstacles (kerbs, pot holes, off-road). This applies, in particular, to a loaded vehicle.
- Stop driving in the emergency mode if you notice:
  - banging noise
  - vehicle vibration
  - smoke which smells like rubber
  - continuous ESP® intervention
  - cracks in the tyre sidewalls
- After driving in emergency mode, have the rims checked by a qualified specialist workshop with regard to their further use.
- The defective tyre must be replaced in every case.

With MOExtended tyres (run-flat tyres), you can continue to drive your vehicle even if there is a total loss of pressure in one or more tyres. However, the tyre affected must not show any clearly visible damage.

You can recognise MOExtended tyres by the MOExtended marking which appears on the side wall of the tyre.

Vehicles with tyre pressure loss warning system:
MOExtended tyres may only be used in conjunction with an activated tyre pressure loss warning system.

Vehicles with tyre pressure monitoring system:
MOExtended tyres may only be used in conjunction with an activated tyre pressure monitoring system.

If a pressure loss warning message appears in the driver's display, proceed as follows:

- Check the tyre for damage.
- If driving on, observe the following notes.

Driving distance possible in emergency mode after the pressure loss warning:

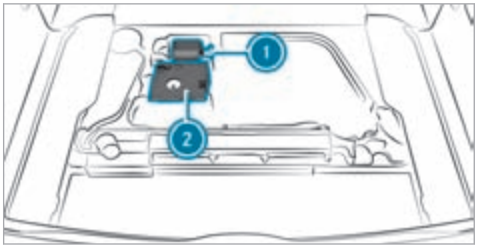
Load condition	Driving distance possible in emergency mode
Partially laden	80 km
Fully laden	30 km

The driving distance possible in emergency mode may vary depending on the driving style. Observe the maximum permissible speed of 80 km/h.

If a tyre has gone flat and cannot be replaced with an MOExtended tyre, you can use a standard tyre as a temporary measure.

Storage location of the TIREFIT kit (not plug-in hybrid)

The TIREFIT kit is located under the load compartment floor.



1 Tyre sealant bottle
2 Tyre inflation compressor

Depending on the vehicle version, the TIREFIT kit may be in a different position under the load compartment floor.

ⓘ You can find information on the power category (LK) and/or electrical data on the back of the tyre inflation compressor:

- LK2 – 12 V/15 A, 180 W, 0.8 kg

At a distance of approximately 1 m to the tyre inflation compressor and approximately 1.6 m above the ground, the following sound pressure levels apply:

- Emission sound pressure level L_{PA} 83 dB (A)
- Sound power level L_{WA} 91 dB (A)

The tyre inflation compressor is maintenance-free. If there is a malfunction, please contact a qualified specialist workshop.

Storage location of the TIREFIT kit (plug-in hybrid)

The TIREFIT kit is located under the load compartment floor.

ⓘ You can find information on the power category (LK) and/or electrical data on the back of the tyre inflation compressor:

- LK2 – 12 V/15 A, 180 W, 0.8 kg

At a distance of approximately 1 m to the tyre inflation compressor and approximately 1.6 m above the ground, the following sound pressure levels apply:

- Emission sound pressure level L_{PA} 83 dB(A)
- Sound power level L_{WA} 91 dB(A)

The tyre inflation compressor is maintenance-free. If there is a malfunction, please contact a qualified specialist workshop.

Using the TIREFIT kit

Requirements

- Tyre sealant bottle and tyre inflator compressor are ready for use (→ page 367, 366).
- TIREFIT sticker is present.
- Gloves are present.

You can use TIREFIT tyre sealant to seal perforation damage of up to 4 mm, particularly those in the tyre contact surface. You can use TIREFIT in outside temperatures down to -20 °C.

⚠ WARNING Risk of accident when using tyre sealant

The tyre sealant may be unable to seal the tyre properly, especially in the following cases:

- there are large cuts or punctures in the tyre (larger than damage previously mentioned)
- the wheel rims have been damaged
- after journeys with very low tyre pressure or with flat tyres

▶ Do not continue driving.
▶ Consult a qualified specialist workshop.

⚠ WARNING Risk of injury and poisoning from tyre sealant

Tyre sealant is hazardous to health and causes irritation. Do not allow it to come into contact with your skin, eyes or clothing, and do not swallow it. Do not inhale any vapours. Keep the tyre sealant away from children.

Observe the following if you come into contact with the tyre sealant:

- Rinse off the tyre sealant from your skin using water immediately.
- If tyre sealant gets into your eyes, thoroughly rinse them using clean water immediately.
- If tyre sealant has been swallowed, thoroughly rinse out your mouth immediately and drink plenty of water. Do not induce vomiting and seek medical attention immediately.
- Change out of clothing which has come into contact with tyre sealant immediately.
- If an allergic reaction occurs, seek medical attention immediately.

! **NOTE** Overheating due to the tyre inflation compressor running too long

- Do not run the tyre inflation compressor for longer than ten minutes without interruption.

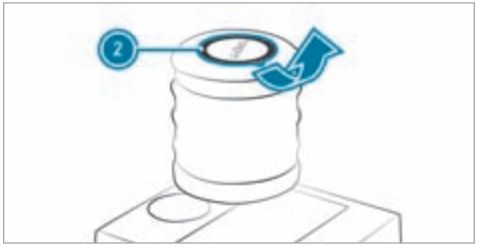
Comply with the manufacturer's safety notes on the sticker on the tyre sealant bottle.

Have the tyre sealant bottle replaced in a qualified specialist workshop every five years.

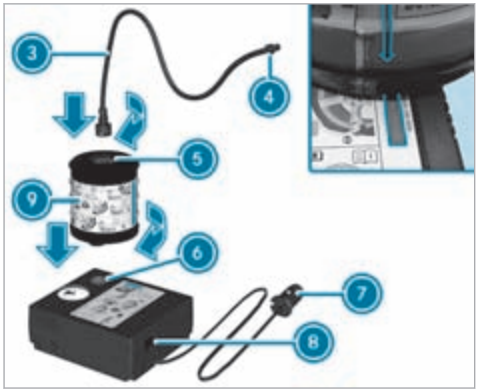
- Do not remove any foreign objects which have entered the tyre.



- Remove sticker (1) from the tyre inflation compressor housing and affix it to the instrument cluster within the driver's field of vision.



- Remove sticker (2) from the tyre sealant bottle and affix it near the valve on the wheel with the defective tyre.



- Pull plug (7) with the cable and filler hose (3) out of the tyre inflation compressor housing.
- Insert tyre sealant bottle (9) in socket (6) of the tyre inflation compressor in such a way that the red arrow on tyre sealant bottle (9) matches the red arrow on the tyre inflation compressor.
- Turn tyre sealant bottle (9) a quarter turn clockwise.
- Insert the plug of filler hose (3) in socket (5) of tyre sealant bottle (9).
- Turn filler hose (3) a quarter turn clockwise.



- Remove the valve cap from valve (10) on the faulty tyre.
- Screw union nut (4) of filler hose (3) onto the (10) valve.
- Insert plug (7) into a 12-V-socket in your vehicle.
- Turn the key to position [1] in the ignition lock.
- Press on and off switch (8) on the tyre inflation compressor.
  The tyre inflation compressor is switched on. The tyre is inflated. First, tyre sealant is pumped into the tyre. The pressure may briefly rise to approximately 500 kPa (5 bar/73 psi).

Do not switch off the tyre inflation compressor during this phase!

- Let the tyre inflation compressor run for a maximum of ten minutes.
  The tyre should then have attained a tyre pressure of at least 200 kPa (2.0 bar/29 psi).

If tyre sealant leaks out, make sure you clean the affected area as quickly as possible. It is preferable to use clean water.

If you get tyre sealant on your clothing, have it cleaned as soon as possible with perchloroethylene.

If, after ten minutes, a tyre pressure of 200 kPa (2.0 bar/29 psi) has not been attained:

- Switch off the tyre inflation compressor.

- Unscrew the filling hose from the valve of the defective tyre.

Please note that tyre sealant may leak out when unscrewing the filling hose.

- Drive forwards or in reverse very slowly for approximately 10 m.
- Pump up the tyre again.
  After a maximum of ten minutes the tyre pressure must be at least 200 kPa (2.0 bar/29 psi).

⚠ WARNING Risk of accident due to the specified tyre pressure not being attained

If the specified tyre pressure is not attained after the specified time, the tyre is too badly damaged. The tyre sealant cannot repair the tyre in this instance.

The braking and driving characteristics may be greatly impaired.

- Do not continue driving.
- Consult a qualified specialist workshop.

! NOTE Staining from leaking tyre sealant

After use, excess tyre sealant may leak out from the filling hose.

- Therefore, place the filling hose in the plastic bag that contained the TIREFIT kit.

If, after ten minutes, a tyre pressure of 200 kPa (2.0 bar/29 psi) has been attained:

- Switch off the tyre inflation compressor.
- Unscrew the filling hose from the valve of the defective tyre.

Please note that tyre sealant may leak out when unscrewing the filling hose.

⚠ WARNING Risk of accident from driving with sealed tyres

A tyre temporarily sealed with tyre 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 tyre that has been repaired using tyre sealant.

- Observe the maximum permissible speed of 80 km/h for a tyre sealed with tyre sealant.
- The sticker with details of the maximum permissible speed must be affixed to the instrument cluster where it can be easily seen by the driver.

! NOTE Staining from leaking tyre sealant

After use, excess tyre 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

Tyre sealant contains pollutants.

- Have the tyre sealant bottle disposed of professionally, e.g. at a Mercedes-Benz Service Centre.

- Stow the tyre sealant bottle, the tyre inflation compressor and the warning triangle.
- **Pull away immediately.**
- Stop driving after approximately ten minutes and check the tyre pressure using the tyre inflation compressor.
  The tyre pressure must now be at least 130 kPa (1.3 bar/19 psi).

WARNING Risk of accident due to the specified tyre pressure not being attained

If the specified tyre pressure is not reached, the tyre is too badly damaged. The tyre sealant cannot repair the tyre in this instance.

The braking and driving characteristics may be greatly impaired.

- Do not continue driving.
- Consult a qualified specialist workshop.

Countries that have Mercedes-Benz Service24h: you will find a sticker with the telephone number, e.g. on the B-pillar on the driver's side.

- Correct the tyre pressure if it is still at least 130 kPa (1.3 bar/19 psi). See the tyre pressure table on the fuel filler flap for values.

Increasing the tyre pressure

- Switch on the tyre inflation compressor.

Decreasing the tyre pressure

- Remove the tyre sealant bottle from the tyre inflation compressor.
- Insert the filler hose in the socket of the tyre inflation compressor and turn it a quarter turn clockwise.



- Press pressure release button (12) next to manometer (11).

When the tyre pressure is correct

- Unscrew the filling hose from the valve of the sealed tyre.
- Screw the valve cap onto the valve of the sealed tyre.
- Stow the tyre sealant bottle and the tyre inflation compressor.
- Drive to the nearest qualified specialist workshop and have the tyre, tyre sealant bottle and filling hose replaced there.

Battery (vehicle)

Notes on the 12 V 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.

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

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.

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.



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 immediately.



Wear safety glasses.



Keep children away.



Observe this Owner's Manual.

If you do not intend to use the vehicle over an extended period of time:

- Activate standby mode.
- Connect the battery to a battery charger approved by Mercedes-Benz.
- Consult a qualified specialist workshop to disconnect the battery.

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.

- ▶ Stop the charging process immediately in case of unusual odours, smoke or burn marks.
- ▶ Leave the danger zone immediately. Secure the danger zone at a sufficient distance.
- ▶ Call the fire service.

Observe the notes on charging the high-voltage battery (→ page 202).



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 immediately.



Wear safety glasses.



Keep children away.



Observe this Owner's Manual.

Notes on starting assistance and charging the 12 V battery

When charging the battery and during starting assistance, always use the jump-start connection point in the engine compartment.

NOTE Damage to the battery due to overvoltage

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 the ignition of hydrogen gas

If there is a short circuit or sparks are created, there is a danger of hydrogen gas igniting when you charge the battery.

- Make sure that the POSITIVE terminal of a connected battery does not come into contact with vehicle parts.
- Never place metal objects or tools on a battery.
- When connecting and disconnecting the battery, always observe the sequence of battery terminals described.
- During starting assistance, always take care to connect only battery terminals of identical polarity.
- During starting assistance, observe the sequence described for connecting and disconnecting the jump leads.
- Do not connect or disconnect the battery terminals with the engine running.

WARNING Risk of explosion due to explosive mixture of gases

An explosive mixture of gases can escape from the battery during charging and starting assistance.

- Fire, naked flames, smoking and creating sparks must be avoided.
- Make sure there is adequate 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 may neither jump-start the vehicle nor charge the battery.

The service life of a battery that has been thawed may be dramatically shortened. The starting characteristics may be impaired, especially at low temperatures.

It is recommended that you have a thawed battery checked at a qualified specialist workshop.

! **NOTE** Damage caused by numerous or extended attempts to start the engine

Numerous or extended attempts to start the engine may damage the catalytic converter due to non-combusted fuel.

► Avoid numerous and extended attempts to start the engine.

Observe the following points during starting assistance and when charging the battery:

- Only use undamaged jump lead/charging cables with a sufficient cross-section and insulated terminal clamps.
- Non-insulated parts of the terminal clamps must not come into contact with other metal parts while the jump lead/charging cable is connected to the battery/jump-start connection point.
- The jump lead/charging cable must not come into contact with any parts which may move when the engine is running.
- Always make sure that neither you nor the battery is electrostatically charged.
- Keep away from fire and naked flames.
- Do not lean over the battery.

Observe the additional following points when charging the battery:

- Only use battery chargers tested and approved for Mercedes-Benz.
- Read the battery charger's operating instructions before charging the battery.

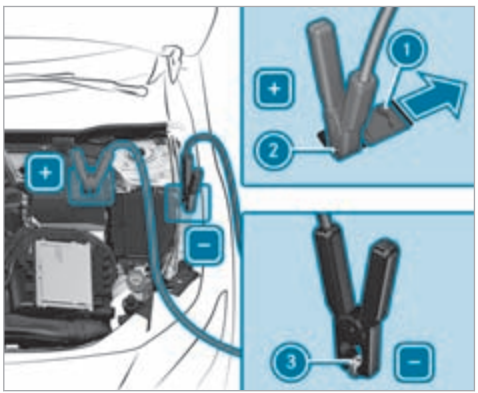
Observe the additional following points during starting assistance:

- For starting assistance, only use batteries with a nominal voltage of 12 V.
- The vehicles must not touch.
- **Petrol engine:** only accept starting assistance if 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.
- **Automatic transmission:** the transmission is in position P.
- The vehicle and all electrical consumers are switched off.
- The bonnet is open.



► Slide cover 1 of positive contact 2 on the jump-starting 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 jump lead/charging cable. Always begin with positive contact (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 earth point (3) of your own vehicle by using the jump lead/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 jump lead, switch on an electrical consumer on your own vehicle, e.g. the rear window heater or lighting.

When the starting assistance/charging process is complete:

- First, remove the jump lead/charging cable from earth point (3) 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 jump lead/charging cable, close cover (1) of positive contact (2).

Plug-in hybrid: 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 372).

Mercedes-Benz recommends that you have the 12 V battery replaced at a qualified specialist workshop, e.g. at a Mercedes-Benz Service Centre.

Observe the following notes if you want to replace the battery yourself:

- Always replace a faulty battery with a battery which meets the specific vehicle requirements.

  The vehicle is equipped with a fleece battery. Full vehicle functionality is only guaranteed with a fleece battery. For safety reasons, Mercedes-Benz recommends that you only use batteries which have been tested and approved for your vehicle by Mercedes-Benz.
- Use detachable parts such as vent hoses, elbow fittings or terminal covers from the battery which is to be replaced.
- Make sure that the vent hose is always connected to the original opening on the side of the battery.

  Fit 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 hybrid)

Permitted towing methods
Mercedes-Benz recommends transporting your vehicle in the case of a breakdown, rather than towing it away.

For towing with both axles on the ground, use a tow rope or tow rod. Do not use tow bar systems.

WARNING Risk of accident when towing with steering wheel lock

If the steering wheel lock is engaged, you will not be able to steer the vehicle.

- When towing with a tow rope or tow bar, always switch on the vehicle.

NOTE Damage to the vehicle due to towing away incorrectly

- Observe the instructions and notes on towing away.

Vehicles with automatic transmission	
Both axles on the ground	Yes, for a maximum of 50 km at 50 km/h
Front axle raised	Yes, for a maximum of 50 km at 50 km/h
Rear axle raised	Yes, for a maximum of 50 km at 50 km/h

4MATIC vehicles	
Both axles on the ground	Yes, for a maximum of 50 km at 50 km/h
Front axle raised	No
Rear axle raised	No

Towing with a raised axle: towing should be performed by a towing company.

Overview of permitted towing methods (plug-in hybrid)

Mercedes-Benz recommends transporting your vehicle in the case of a breakdown, rather than towing it away.

For towing with both axles on the ground, use a tow rope or tow rod. Do not use tow bar systems.

NOTE Damage to the vehicle due to towing away incorrectly

- Observe the instructions and notes on towing away.

Observe the information on towing and transporting the vehicle in the vehicle Operator's Manual.

Permitted towing methods

Vehicle equipment/towing method	 Both axles on the ground	 Front axle raised	 Rear axle raised
Plug-in hybrid vehicles	Yes, for a maximum of 50 km at 50 km/h	Yes, for a maximum of 50 km at 50 km/h	Yes, for a maximum of 50 km at 50 km/h The steering wheel must be fixed in the centre position with a steering wheel lock.

In the following situations, only transporting the vehicle is permitted:

- The driver's display has failed

  or

- The display message Towing not permitted See Owner's Manual appears.

Exception: if the vehicle is in a danger zone, it can be recovered from the danger zone despite the display message or the display not working.

It must not be towed further than 50 m with both axles on the ground. A towing speed of 10 km/h must not be exceeded. Beyond these limits, only transporting is permitted.

Towing the vehicle with both axles on the ground

▶ Observe the notes on the permitted towing methods.

▶ 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.
- **Vehicles with automatic transmission:** the transmission cannot be shifted to position N or P.

ⓘ **Vehicles with automatic transmission:** if the transmission cannot be shifted to position N or if the display does not show anything, transport the vehicle (→ page 380). A towing vehicle with lifting equipment is required for vehicle transportation.

! **NOTE** Damage due to towing away at excessively high speeds or over long distances

The drivetrain could be damaged when towing at excessively high speeds or over long distances.

- A towing speed of 50 km/h must not be exceeded.
- A towing distance of 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 overturn.

- 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 away, its permissible gross mass must not exceed the permissible gross mass of the towing vehicle.

- Information on the permissible gross mass of the vehicle can be found on the vehicle identification plate (→ page 411).
- **Vehicles with automatic transmission:** do not open the driver's door or front-passenger door; the transmission otherwise automatically shifts to position P.
- Fit the towing eye (→ page 381).
- 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 .
- Do not activate the HOLD function.
- Deactivate tow-away protection (→ page 102).
- Deactivate Active Brake Assist (→ page 255).
- **Vehicles with automatic transmission:** shift to position N.
- Release the electric parking brake.

WARNING Risk of accident due to limited safety-related functions during the towing process

Safety-related functions are limited or no longer available in the following situations:

- the vehicle is switched off.
- the brake system or power steering system is malfunctioning.
- the energy supply or the on-board electrical system is malfunctioning.

When your vehicle is towed away, significantly more effort may be required to steer and brake than is normally required.

- Use a tow bar.
- Make sure that the steering wheel can move freely before towing the vehicle away.

NOTE Damage due to excessive tractive power

If you pull away sharply, the tractive power may be too high and the vehicles could be damaged.

- Pull away slowly and smoothly.

Loading the vehicle for transport

Hybrid vehicles: Transport of vehicles should only be carried out by professional towing companies.

- Observe the notes on towing away (→ page 378).
- Connect the towing device to the towing eye in order to load the vehicle.

ⓘ You can also attach the tow bar to the trailer hitch.

- **Vehicles with automatic transmission:** shift the automatic transmission to position N.

ⓘ **Vehicles with automatic transmission:** the automatic transmission may be locked in position P in the event of damage to the electrical system. To shift to N, provide the on-board electrical system with power (→ page 375).

- Load the vehicle onto the transporter.
- **Vehicles with automatic transmission:** shift the automatic transmission to position P.
- Use the electric parking brake to secure the vehicle against rolling away.
- Only secure the vehicle by the wheels.

Vehicles with adaptive damping adjustment

WARNING Risk of an accident when transporting vehicles with adaptive damping adjustment

When transporting vehicles with adaptive damping adjustment, the vehicle/trailer combination may begin to rock and start to skid.

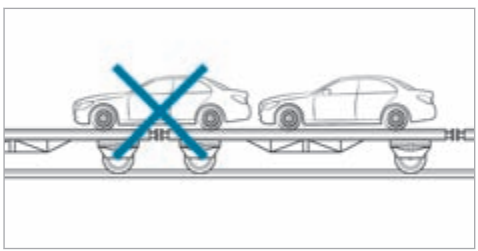
- Load the vehicle correctly onto the transporter.
- Secure the vehicle on all four wheels with suitable tensioning straps.

! NOTE Damage to the vehicle from securing it incorrectly

- After loading, the vehicle must be secured on all four wheels. Otherwise, the vehicle could be damaged.
- A minimum distance of 20 cm upwards and 10 cm downwards must be kept to the transport platform.

- Secure the vehicle on all four wheels after loading.

4MATIC vehicles/vehicles with automatic transmission



- Make sure that the front and rear axles come to rest on the same transportation vehicle.

! NOTE Damage to the drive train due to incorrect positioning of the vehicle

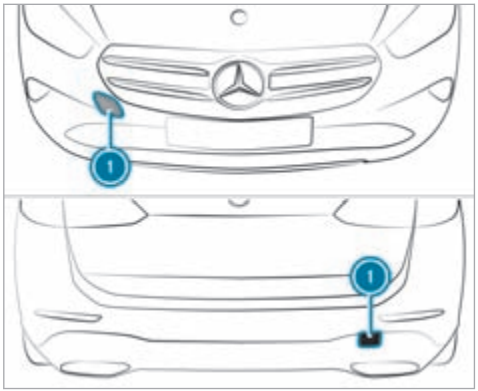
- Do not position the vehicle above the connection point of the transport vehicle.

Towing eye storage location

The towing eye is under the load compartment floor.

Depending on the vehicle version, the towing eye is in a different position in the load compartment.

Fitting and removing the towing eye



- Press the mark on cover (1) inwards and remove.
- Screw in the towing eye clockwise as far as it will go and tighten.

Vehicles with a trailer hitch: vehicles with a trailer hitch do not have a rear bracket for the towing eye. Fasten the tow bar to the trailer hitch.

- After removing the towing eye, secure 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

Vehicles with automatic transmission

NOTE Damage to the automatic transmission due to tow-starting

The automatic transmission may be damaged in the process of tow-starting vehicles with automatic transmission.

- Vehicles with automatic transmission must not be tow-started.

- Vehicles with an automatic transmission must not be tow-started.

Electrical fuses

Notes on electrical fuses

WARNING Risk of accident and injury due to overloaded lines

If you manipulate or bridge a faulty fuse or if you replace it with a fuse with a higher amperage, the electric line could be overloaded. This could result in a fire.

- Always replace faulty fuses with specified new fuses containing the correct amperage.

NOTE Damage due to incorrect fuses

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 recognise by the colour and the label. 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 engine compartment (→ page 383).

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 engine compartment on the left-hand side of the vehicle, when viewed in the direction of travel (→ page 383)
- Fuse box in the front passenger footwell (→ page 384)
- Fuse box in the centre of the load compartment (→ page 385)

Opening and closing the fuse box in the engine compartment

Requirements:

- A dry cloth and a screwdriver are available.

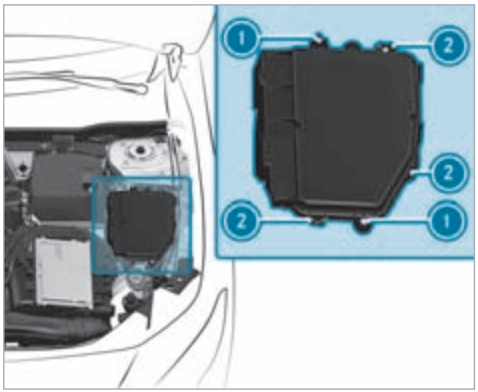
Observe the notes on electrical fuses (→ page 382).

Open

WARNING Risk of injury from using the windscreen wipers when the bonnet is open

If the windscreen wipers start moving when the bonnet is open, you could be trapped by the wiper linkage.

- Always switch off the windscreen wipers and vehicle before opening the engine bonnet.
- Open the bonnet.



- Remove any existing moisture from the fuse box using a dry cloth.
- Loosen screws (1).
- Press clamps (2) and lift the fuse box lid up and out.

The fuse assignment diagram is in a recess on the side of the fuse box.

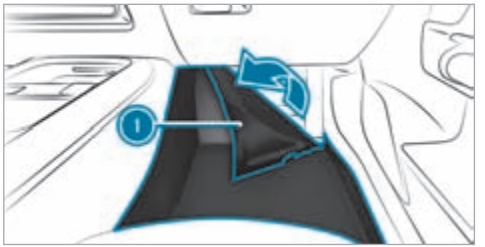
Closing

- Check whether the seal is positioned correctly in the lid.
- Place the lid on the fuse box.
- Make sure that clamps (2) engage.
- Tighten screws (1).
- Close the bonnet.

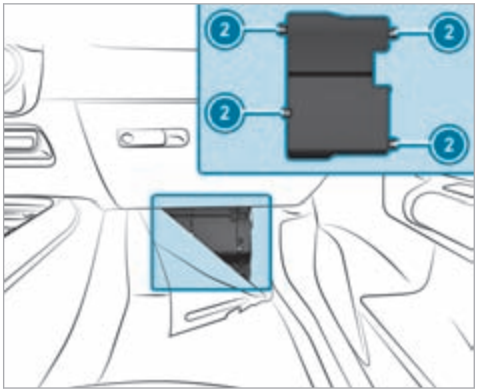
Opening and closing the fuse box in the front passenger footwell

Observe the notes on electrical fuses (→ page 382).

Opening



- Lift carpet (1) in the direction of the arrow.



- Loosen screws (2) and remove the fuse box lid from the top.

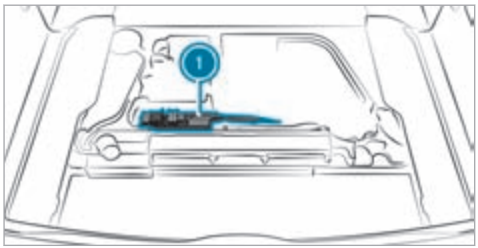
Closing

- Place the lid on the fuse box.
- Tighten screws (2).
- Fold back the carpet.

Opening and closing the fuse box in the load compartment

Observe the notes on electrical fuses (→ page 382).

▶ Open the load compartment floor.



Fuse box (1) is located underneath the load compartment floor.

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 tyres are damaged. Hidden tyre damage could also be causing the unusual handling characteristics.

If you suspect that a tyre is defective, reduce your speed immediately and have the tyres and wheels checked at a qualified specialist workshop.

Notes on regularly inspecting wheels and tyres

WARNING Risk of injury due to damaged tyres

Damaged tyres can cause tyre pressure loss.

- Check the tyres regularly for signs of damage and replace any damaged tyres immediately.

WARNING Risk of aquaplaning due to insufficient tyre tread

Insufficient tyre tread will result in reduced tyre grip.

The risk of aquaplaning is increased on wet roads, especially when the speed of the vehicle is not adapted to suit the conditions.

- Thus, you should regularly check the tread depth and the condition of the tread across the entire width of all tyres.

Minimum tread depth for:

- Summer tyres: 3 mm
- M+S tyres: 4 mm

- For safety reasons, replace the tyres before the legally-prescribed limit for the minimum tread depth is reached.

Carry out the following checks on all wheels regularly, at least once a month or as required, for example, prior to a long journey or driving off-road:

- Check the tyre pressure (→ page 387).
- Visually inspect wheels and tyres for damage.
- Check the valve caps.
- Visual check of the tyre tread depth and the tyre contact surface across the entire width.

  The minimum tread depth for summer tyres is 3 mm and for winter tyres 4 mm.

Notes on snow chains

WARNING Risk of accident due to incorrectly fitted snow chains

If you have fitted snow chains to the rear wheels, they may drag against the vehicle body or chassis components.

- Never fit snow chains on the rear wheels.
- Only fit snow chains on the front wheels in pairs.

NOTE Damage to vehicle body or suspension components caused by fitted snow chains

On 4MATIC vehicles, if you fit snow chains on the rear wheels, you can damage vehicle body or suspension components.

- On 4MATIC vehicles, only fit snow chains on the front wheels.

NOTE Damage to the wheel trim from fitted snow chains

If snow chains are fitted to steel wheels, the wheel trims can be damaged.

- Remove the wheel trims of steel wheels before fitting snow chains.

Observe the following notes when using snow chains:

- Snow chains are only permissible for certain wheel/tyre combinations. You can obtain information about this from a Mercedes-Benz Service Centre.
- For safety reasons, only use snow chains that have been specifically approved for your vehicle by Mercedes-Benz, or snow chains with the same quality standard.
- If snow chains are fitted, the maximum permissible speed is 50 km/h.
- **Vehicles with Active Parking Assist:** do not use Active Parking Assist when snow chains are fitted.

ⓘ You can permanently limit the maximum speed for driving with winter tyres (→ page 240).

ⓘ You can deactivate ESP® to pull away (→ page 232). This allows the wheels to spin, achieving an increased driving force.

Tyre pressure

Notes on tyre pressure

WARNING Risk of accident due to insufficient or excessive tyre pressure

Underinflated or overinflated tyres pose in particular the following risks:

- The tyres can burst.
- The tyres can wear excessively and/or unevenly.
- The driving characteristics as well as the steering and braking characteristics may be greatly impaired.

- Comply with the recommended tyre pressure and check the tyre pressure of all tyres, including the spare wheel, regularly:

- monthly
- when the load changes
- before embarking on a longer journey

- if operating conditions change, e.g. off-road driving

▶ Adjust the tyre pressure, if necessary.

Tyre pressure which is too high or too low can:

- Shorten the service life of the tyres.
- Cause increased tyre damage.
- Adversely affect driving characteristics and thus driving safety, e.g. due to aquaplaning.

⚠ WARNING Risk of accident due to repeated pressure drop in the tyres

The wheels, valves or tyres could be damaged.

Too low a tyre pressure can lead to the tyres bursting.

▶ Examine the tyres for foreign objects.

▶ Check whether the tyre has a puncture or the valve has a leak.

▶ If you are unable to rectify the damage, contact a qualified specialist workshop.

Information on the recommended tyre pressure for the vehicle's factory-fitted tyres can be found on the tyre pressure table on the inside of the fuel filler flap (→ page 388).

Use a suitable pressure gauge to check the tyre pressure. The outer appearance of a tyre does not permit any reliable conclusion about the tyre pressure.

Only correct tyre pressures when the tyres are cold. Conditions for cold tyres:

- The vehicle has been parked with the tyres out of direct sunlight for at least three hours.
- The vehicle has travelled less than 1.6 km.

The vehicle's tyres heat up when driving. As the temperature of the tyres increases, so too does the tyre pressure.

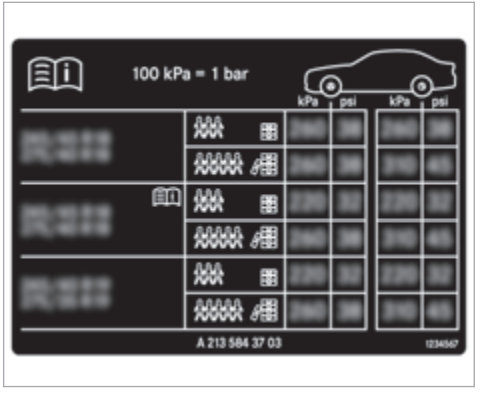
Vehicles with a tyre pressure monitoring system: you can also check the tyre pressure using the on-board computer (→ page 389).

Notes on trailer operation

Always inflate the rear axle tyres to the recommended tyre pressures on the tyre pressure table for increased load.

Tyre pressure table

The tyre pressure table is on the inside of the fuel filler flap.



The tyre pressure table shows the recommended tyre pressure for all tyres approved for this vehicle. The recommended tyre pressures apply for cold tyres under various operating conditions, i.e. loading and/or speed of the vehicle.

If one or more tyre sizes precede a tyre pressure, the following tyre pressure information is only valid for those tyre sizes and their respective load condition.

If the preceding tyre sizes are complemented by the symbol, the tyre pressure information following shows alternative tyre pressures. Fuel consumption may then increase slightly.

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.

Tyre pressure monitoring system

Function of the tyre pressure monitoring system

The system checks the tyre pressure and the tyre temperature of the tyres fitted to the vehicle by means of a tyre pressure sensor.

The tyre pressure and the tyre temperature appear in the on-board computer (→ page 389).

If there is a substantial pressure loss or if the tyre temperature is excessive, you will be warned with display messages (→ page 484) or the warning lamp in the instrument cluster (→ page 508).

The tyre pressure monitoring system is only an aid. It is the driver's responsibility to set the tyre pressure to the recommended cold tyre pressure suitable for the operating situation.

In most cases, the tyre pressure monitoring system will automatically update the new reference values after you have changed the tyre pressure. You can, however, also update the reference values by restarting the tyre pressure monitoring system manually (→ page 390).

System limits

The system may be impaired or may not function particularly in the following situations:

- incorrect reference values were taught in
- sudden pressure loss caused by a foreign object penetrating the tyre, for example
- there is a malfunction caused by another radio signal source

Checking the tyre pressure with the tyre pressure monitoring system

Requirements:

- The vehicle is switched on.

On-board computer:

Service ▸▸ Tyres

One of the following displays appears:

- Current tyre pressure and tyre temperature of the individual wheels:



- Tyre pressures will be displayed after a few minutes of driving

- Tyre pressure monitor active: the teach-in process of the system is not yet complete. The tyre pressures are already being monitored.

▶ Compare the tyre pressure with the recommended tyre pressure for the current operating condition (→ page 388). Additionally, observe the notes on cold tyres (→ page 387).

ⓘ The values displayed in the on-board computer may deviate from those of the tyre pressure gauge as they refer to sea level. At high elevations, the tyre pressure values indicated by a pressure gauge are higher than those shown by the on-board computer. In this case, do not reduce the tyre pressure.

Restarting the tyre pressure monitoring system

Requirements:

- The recommended tyre pressure is correctly set for the respective operating status on all of the wheels (→ page 387).

Restart the tyre pressure monitoring system in the following situations:

- The tyre pressure has changed.
- The wheels or tyres have been changed or newly fitted.

On-board computer:

Service ▸▸ Tyres

▶ Swipe downwards on Touch Control on the left-hand side of the steering wheel.
The Use current pressures as new reference values? message is shown in the Instrument Display.

▶ To restart, press Touch Control on the left-hand side of the steering wheel.
The Tyre press. monitor restarted message is shown in the Instrument Display.

Current warning messages are deleted and the yellow (!) warning lamp goes out.

After you have been driving for a few minutes, the system checks whether the current tyre pressures are within the specified range. The current tyre pressures are then accepted as reference values and monitored.

Be sure to also pay attention to the following related topic:

- Notes on tyre pressure (→ page 387)

Tyre pressure loss warning system

Function of the tyre pressure loss warning system

The tyre pressure loss warning system warns the driver by means of display messages when there is a severe tyre pressure loss.

System limits

The system may be impaired or may not function particularly in the following situations:

- incorrect reference values were taught in
- sudden pressure loss caused by a foreign object penetrating the tyre, for example
- an even pressure loss on more than one tyre occurs

The system has a restricted or delayed function particularly in the following situations:

- poor ground conditions, e.g. snow or gravel

- driving with snow chains
- when adopting a very sporty driving style with high cornering speeds or sudden acceleration
- driving with a very heavy or large trailer
- driving with a high load

The tyre pressure loss warning system is only an aid. It is the driver's responsibility to set the tyre pressure to the recommended cold tyre pressure suitable for the operating situation and to check it.

Be sure to also observe the following further related subjects:

- Notes on tyre pressure (→ page 387)
- Display messages about the tyres (→ page 484)

Restarting the tyre pressure loss warning system

Requirements:

- The recommended tyre pressure is correctly set for the respective operating status on all wheels.

Restart the tyre pressure loss warning system in the following situations:

- The tyre pressure has changed.
- The wheels or tyres have been changed or newly fitted.

On-board computer:

↝ Service ⏩ Tyres

▶ Swipe downwards on Touch Control on the left-hand side of the steering wheel.
The Run Flat Indicator active Restart message is shown in the display.

▶ To begin restart, press Touch Control on the left-hand side of the steering wheel.
The Tyre pressure now OK? message is shown in the display.

▶ Select Yes .

▶ To confirm restart, press Touch Control on the left-hand side of the steering wheel.
The Run Flat Indicator restarted message is shown in the display.

After you have driven for a few minutes, the tyre pressure loss warning system monitors the set tyre pressures of all the tyres.

Be sure to also pay attention to the following related topic:

- Notes on tyre pressure (→ page 387)

Wheel change

Notes on selecting, fitting and replacing tyres

NOTE Mercedes-AMG vehicles

▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

WARNING Risk of accident due to incorrect wheel and tyre dimensions

If wheels and tyres of the wrong size are fitted, the service brakes or components in the brake system and in the wheel suspension may be damaged.

▶ Always replace wheels and tyres with those that fulfil the specifications of the original part.

For wheels, pay attention to the following:

- Designation
- Type

For tyres, pay attention to the following:

- Designation
- Manufacturer
- Type

WARNING Risk of injury through exceeding the specified tyre load-bearing capacity or the permissible speed rating

Exceeding the load-bearing capacity of the tyres can lead to tyre damage and could cause the tyres to explode.

- ▶ Therefore, only use tyre types and sizes approved for your vehicle model.
- ▶ Observe the tyre load-bearing capacity rating and speed rating required for your vehicle.

NOTE Vehicle and tyre damage caused by non-approved tyre types and sizes

For safety reasons, only use tyres, wheels and accessories which have been specially approved by Mercedes-Benz for your vehicle.

These tyres 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 tyres only for certain wheels)
- MO1 = Mercedes-Benz Original (only certain AMG tyres)

Otherwise, certain properties, such as handling characteristics, vehicle noise emissions, consumption, etc. could be adversely affected. Furthermore, other tyre sizes could result in the tyres rubbing against the body and axle components when loaded. This could result in damage to the tyre or the vehicle.

Only use tyres, wheels and accessories that have been checked and recommended by Mercedes-Benz.

NOTE Risk to driving safety from retreaded tyres

Retreaded tyres are neither tested nor recommended by Mercedes-Benz, since previous damage cannot always be detected on retreaded tyres.

For this reason driving safety cannot be guaranteed.

- ▶ Do not use used tyres if you have no information about their previous usage.

NOTE Possible wheel and tyre damage when driving over obstacles

Large wheels have a smaller section width. As the section width decreases, the risk of wheels and tyres being damaged when driving over obstacles increases.

- Avoid obstacles or drive especially carefully.
- Reduce your speed when driving over kerbs, speed bumps, manhole covers and potholes.
- Avoid particularly high kerbs.

NOTE Possible wheel and tyre damage when parking on kerbs or in potholes

Parking on kerbs or in potholes can damage the wheels and tyres.

- Only park on level surfaces if possible.
- Avoid kerbs and potholes when parking.

NOTE Damage to electronic component parts due to the use of tyre-fitting tools

Vehicles with tyre pressure monitoring system: there are electronic component parts in the wheel.

If tyre-fitting tools are positioned in the area of the valve, the electronic components could be damaged.

- Tyre-fitting tools should not be applied in the area of the valve.
- Always have tyres changed at a qualified specialist workshop.

NOTE Damage to summer tyres at low ambient temperatures

At low ambient temperatures, tears could form when driving with summer tyres, causing permanent damage to the tyre.

- At temperatures below 7 °C use M+S tyres.

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 enquire about:

- Suitability
- Legal stipulations
- Factory recommendations

WARNING Risk of accident with high performance tyres

The special tyre tread in combination with the optimised tyre compound means that the risk of skidding and hydroplaning on wet roads is increased.

In addition, the tyre grip is greatly reduced at a low outside temperature and tyre running temperature.

- Switch on the ESP® and adapt your driving style accordingly.
- Use M+S tyres at outside temperatures of less than 10 °C.
- Only use the tyres for their intended purpose.

Observe the following when selecting, fitting and replacing tyres:

- Country-specific requirements for tyre approval that define a specific tyre type for your vehicle.

- Furthermore, the use of certain tyre types in certain regions and areas of operation can be highly beneficial.
- Only use tyres and wheels of the same type (summer tyres, winter tyres, MOExtended tyres) and the same make.
- Only fit wheels of the same size on one axle (left and right).

  It is only permissible to fit a different wheel size in the event of a flat tyre in order to drive to the specialist workshop.
- Do not make any modifications to the brake system, the wheels or the tyres.

  The use of shims or brake dust shields is not permitted and may invalidate the vehicle's general operating permit.
- **Vehicles with a tyre pressure monitoring system:** all fitted wheels must be equipped with functioning sensors for the tyre pressure monitoring system.
- At temperatures below 7 °C use winter tyres or all-season tyres marked M+S for all wheels.

  Winter tyres provide the best possible grip in wintry road conditions.
- For M+S tyres, only use tyres with the same tread.
- Observe the maximum permissible speed for the M+S tyres fitted.

  If the tyre's maximum speed is below that of the vehicle, this must be indicated by an appropriate label in the driver's field of vision.
- Run in new tyres at moderate speeds for the first 100 km.
- Replace the tyres after six years at the latest, regardless of wear.
- **When replacing with tyres that do not feature run-flat characteristics:** vehicles with MOExtended tyres are not equipped with a TIREFIT kit at the factory. Equip the vehicle with a TIREFIT kit after replacing with tyres that do not feature run-flat characteristics, e.g. winter tyres.

ⓘ You can permanently limit the maximum speed for driving with winter tyres (→ page 240).

For more information on wheels and tyres, contact a qualified specialist workshop.

Be sure to also observe the following further related subjects:

- Notes on tyre pressure (→ page 387)
- Tyre pressure table (→ page 388)
- Notes on the emergency spare wheel (→ page 401)

Notes on interchanging wheels

⚠ **WARNING** Risk of injury through different wheel sizes

Interchanging the front and rear wheels can severely impair the driving characteristics.

The disk brakes or wheel suspension components may also be damaged.

▶ Only interchange the front and rear wheels if the wheels and tyres have the same dimensions.

Interchanging the front and rear wheels if the wheels or tyres have different dimensions can render the general operating permit invalid. Observe the instructions and safety notes on "Changing a wheel" (→ page 391)

The wear patterns on the front and rear wheels differ:

- front wheels wear more on the tyre shoulder
- rear wheels wear more in the centre of the tyre

Do not drive with tyres that have too little tread depth. This significantly reduces traction on wet roads (aquaplaning).

On vehicles with the same front and rear wheel size, you can interchange the wheels every 5,000 to 10,000 km, depending on the wear. Ensure the direction of rotation is maintained for the wheels.

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 tyres from contact with oil, grease or fuel.

Overview of the tyre-change tool kit

NOTE Mercedes-AMG vehicles

▶ Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

Apart from some country-specific variants, vehicles are not equipped with a tyre-change tool kit. For more information on which tyre-changing tools are required and approved for performing a wheel change on your vehicle, consult a qualified specialist workshop.

You require the following tools, forexample, to change a wheel:

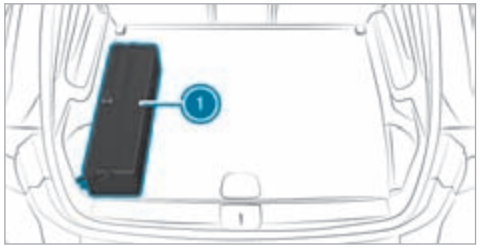
- Jack
- Chock
- Wheel wrench
- Centring pin

ⓘ The jack weighs approximately 3.4 kg. The maximum load capacity of the jack can be found on the sticker affixed to the jack. The jack is maintenance-free. If there is a malfunction, please contact a qualified specialist workshop.

The tyre-change tool kit is located in tool bag ① in the load compartment.

ⓘ Depending on the vehicle equipment, the tool bag may be located in other positions in the load compartment.

ⓘ When stowing the tool bag, make sure that it is adequately secured.



The tool bag contains:

- Jack
- Gloves
- Wheel wrench
- Centring pin
- Folding chock
- Ratchet 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 tyre-change tool kit is available.

ⓘ If your vehicle is not equipped with the tyre-change tool kit, 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 front and rear of the wheel that is diagonally opposite the wheel you wish to change.

▶ If necessary, remove the wheel trim/hub caps (→ page 396).

▶ Raise the vehicle (→ page 396).

Removing and fitting the wheel trim/hub caps

Requirements

- The vehicle is prepared for a wheel change (→ page 396).

Plastic hub cap
To remove:

▶ Turn the centre cover of the hub cap anti-clockwise and remove the hub cap.

To fit:

▶ Make sure that the centre cover of the hub cap is turned anti-clockwise.

▶ Position the hub cap and turn the centre cover clockwise until the hub cap engages physically and audibly.

Raising the vehicle when changing a wheel

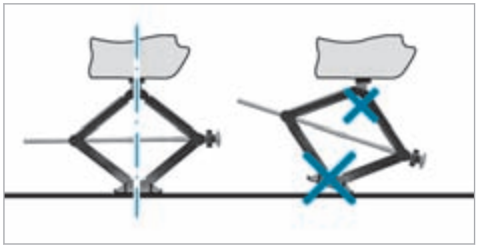
Requirements:

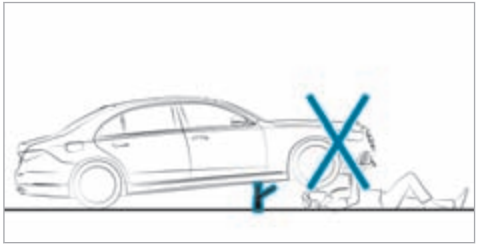
- There are no persons in the vehicle.
- The vehicle has been prepared for a wheel change (→ page 396).

- The wheel trims and hub caps have been removed (⟶ page 396).

Important notes on using the jack:

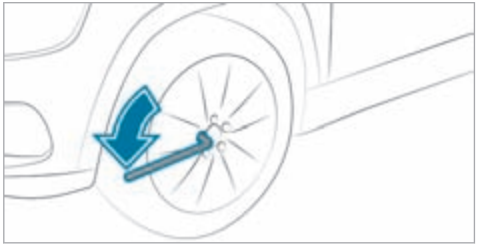
- Use only a vehicle-specific jack that has been approved by Mercedes-Benz to raise the vehicle.
- The jack is only designed for raising and holding the vehicle for a short time while a wheel is being changed and not for maintenance work under the vehicle.
- The jack must be placed on a firm, flat and 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.



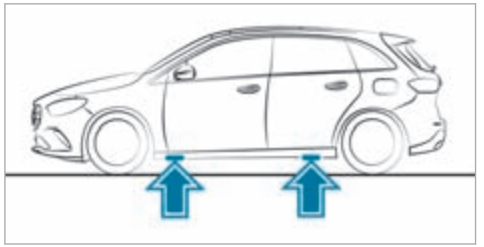


Rules of conduct when the vehicle is raised:

- Never place your hands or feet under the vehicle.
- Never 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 tailgate.



▶ 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

! NOTE Mercedes-AMG vehicles

- Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

⚠ 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.

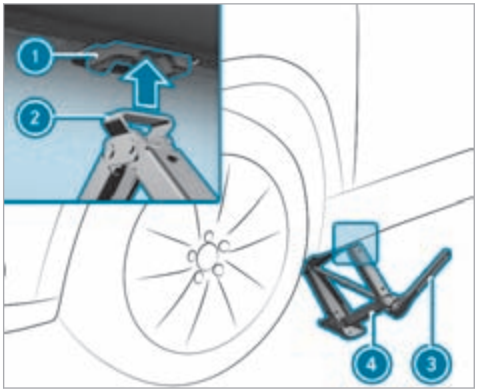
- Only position the jack at the appropriate jacking point of the vehicle. The base of the jack must be positioned vertically under the jacking point of the vehicle.

! 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 tyre-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 tyre is raised a maximum of 3 cm from the ground.
- Loosen and remove the wheel (→ page 399).

Removing a wheel

Requirements

- The vehicle is raised (→ page 396).

! NOTE Mercedes-AMG vehicles

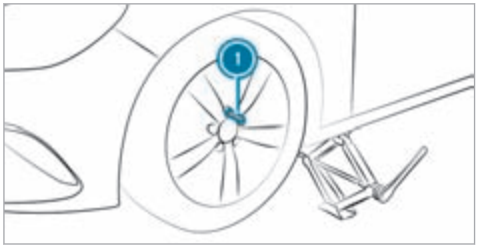
- Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

When changing a wheel, avoid applying any force to the brake disks, as this could impair the level of comfort when braking.

! NOTE Damage to threading from dirt on wheel bolts

- Do not place wheel bolts in sand or on a dirty surface.

- Unscrew the uppermost wheel bolt completely.



- Screw centring pin (1) into the thread instead of the wheel bolt.
- Unscrew the remaining wheel bolts completely.
- Remove the wheel and, if necessary, store it in the load compartment.
- Notes on removing an emergency spare wheel (→ page 401).

Fitting a new wheel

Requirements:

- The wheel to be changed is removed and the centring pin is screwed in (→ page 399).

! NOTE Mercedes-AMG vehicles

- Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

⚠ WARNING Risk of accident from losing a wheel

Oiled or greased wheel bolts can cause the wheel bolts to come loose, as too can damaged wheel bolts or wheel hub threads.

- Never oil or grease the threads.
- In the event of damage to the threads, contact a qualified specialist workshop immediately.
- Have the damaged wheel bolts or damaged hub threads replaced.
- Do not continue driving.

- Observe the information on the choice of tyres (→ page 391).

For tyres with a specified direction of rotation, an arrow on the side wall of the tyre indicates the

correct direction of rotation. Observe the direction of rotation when fitting.

- Slide the wheel to be mounted onto the centring pin and push it on.
- Observe the notes on fitting an emergency spare wheel (→ page 401).

⚠ 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.

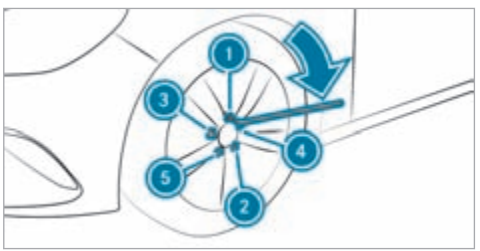
- Observe the instructions and safety notes on "Changing a wheel" (→ page 391).
- For safety reasons, only use wheel bolts which have been approved by Mercedes-Benz and for the wheel in question.
- Tighten the wheel bolts evenly in a diagonal pattern in the order indicated until they are finger-tight.
- Unscrew and remove the centring pin.
- Tighten the last wheel bolt until it is finger-tight.
- Lower the vehicle (→ page 400).

Lowering the vehicle after a wheel change

Requirements

- The new wheel has been fitted (→ page 399).

- **To lower the vehicle:** place the ratchet onto the hexagon nut of the jack so that the letters "AB" are visible and turn anti-clockwise.



- Tighten the wheel bolts evenly in a diagonal pattern in the order indicated ① to ⑤ with an initial maximum force of 80 Nm.
- Tighten the wheel bolts evenly in a diagonal pattern in the order indicated ① to ⑤ with the specified tightening torque of 130 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 tyre pressure of the newly fitted wheel and adjust it if necessary.

ⓘ The following does not apply if the new wheel is an emergency spare wheel.

- **Vehicles with a tyre pressure loss warning system:** restart the tyre pressure loss warning system (⟶ page 391).
- **Vehicles with a tyre pressure monitoring system:** restart the tyre pressure monitoring system (⟶ page 390).

Emergency spare wheel

Notes on the emergency spare wheel

⚠ **WARNING** Risk of accident caused by incorrect wheel and tyre dimensions

The wheel or tyre size and the tyre 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 fit 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 workshop. The new wheel must have the correct dimensions.

ⓘ The deflated emergency spare wheel is secured in the emergency spare wheel bag in the load compartment and is secured to the adjustable load compartment floor in the lower position.

Observe the following notes on removing an emergency spare wheel:

- Before stowing the emergency spare wheel, make sure there is no air left in the tyre.

  If necessary, allow the air to escape.
- **To release air from the tyre:** remove the valve cap of the tyre.
- Press down the metal insert in the valve using a pointed object, e.g. a pen.
- Screw the valve cap onto the valve.

ⓘ **Vehicles with adjustable load compartment floor:** always stow the deflated emergency spare wheel in the lower position on the adjustable load compartment floor.

Observe the following notes on fitting an emergency spare wheel:

- The maximum permissible speed with an emergency spare wheel fitted is 80 km/h.
- Do not fit the emergency spare wheel with snow chains.
- Replace the emergency spare wheel after six years at the latest, regardless of wear.
- Use the wheel bolts that are included with the emergency spare wheel.
- Check the tyre pressure of the emergency spare wheel fitted. Correct the pressure as necessary.

ⓘ The specified tyre pressure is stated on the label of the emergency spare wheel.

ⓘ **Vehicles with a tyre pressure loss warning system:** if an emergency spare wheel is fitted, the tyre pressure loss warning system cannot function reliably. Only restart the system again when the emergency spare wheel has been replaced with a new wheel.
Vehicles with a tyre pressure monitoring system: if an emergency spare wheel is fitted, the tyre pressure monitoring system cannot function reliably. For a few minutes after an emergency spare wheel is fitted, the system may still display the tyre pressure of the removed wheel. Only restart the system again when the emergency spare wheel has been replaced with a new wheel.

Be sure to also observe the following further related subjects:

- Notes on tyre pressure (⟶ page 387)
- Tyre pressure table (⟶ page 388)
- Notes on fitting tyres (⟶ page 391)
- Fitting an emergency spare wheel (⟶ page 396)

Inflating the emergency spare wheel

! **NOTE** Overheating due to the tyre inflation compressor running too long

▶ Do not run the tyre inflation compressor for longer than ten minutes without interruption.

Requirements:

- The emergency spare wheel has been fitted correctly. (⟶ page 396)

ⓘ Comply with the manufacturer's safety notes on the sticker of the emergency spare wheel and on the tyre inflation compressor.

▶ Remove the sticker with the label 80 km/h from the tyre inflation compressor housing and affix it to the instrument cluster within the driver's field of vision.

▶ Remove the tyre inflation compressor from the stowage space under the luggage compartment floor. (⟶ page 367, 366)



▶ Pull filler hose ① and plug ③ out of the tyre inflation compressor housing.

▶ Insert plug ⑦ of filler hose ① in the socket on the tyre inflation compressor and then turn it until plug ⑦ engages.

▶ Unscrew the cap from the valve on the emergency spare wheel.

▶ Screw union nut ② of filler hose ① onto the valve.

▶ Make sure on and off switch ④ of the tyre inflation compressor is set to **0**.

▶ Insert plug ③ in a socket in your vehicle.

- Cigarette lighter socket

- 12 V socket: (→ page 134)
- Observe the notes on the cigarette lighter in the Digital Owner's Manual
- Observe the notes on sockets: (→ page 134)

▶ Press the start/stop button once to switch on the power supply (→ page 170).

▶ Press On/Off switch (4) on the tyre inflation compressor to I.
The tyre inflation compressor is switched on. The tyre is inflated. The tyre pressure appears on manometer (5).

▶ Pump the tyre to the specified tyre pressure.

ⓘ The specified tyre pressure is stated on the label of the emergency spare wheel.

▶ When the specified tyre pressure has been reached, press on and off switch (4) on the tyre inflation compressor to 0.
The tyre inflation compressor is switched off.

▶ Press the start/stop button to switch off the power supply.

▶ If the tyre pressure is higher than the specified pressure, press pressure release valve button (6) until the correct tyre pressure has been reached.

▶ Unscrew union nut (2) of filler hose (1) from the valve.

▶ Screw the valve cap of the emergency spare wheel onto the valve again.

▶ Stow filler hose (1) and plug (3) in the lower section of the tyre inflation compressor housing.

▶ Stow the tyre inflation compressor in the vehicle.

Notes on technical data

NOTE Mercedes-AMG vehicles

- Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

The technical data was determined in accordance with EU Directives. The data stated only applies to vehicles with standard equipment. You can obtain further information from a Mercedes-Benz Service Centre.

Only for certain countries: you can find vehicle-specific vehicle data in the COC documents (CERTIFICATE OF CONFORMITY). These documents are supplied when the vehicle is delivered.

On-board electronics

Notes on tampering with the engine electronics

NOTE Premature wear through improper maintenance

Improper maintenance may cause vehicle components to wear more quickly and the vehicle's operating permit may be invalidated.

- Always have work on the engine electronics and related components carried out at a qualified specialist workshop.

Two-way radios

Notes on fitting two-way radios

WARNING Risk of accident due to improper work on two-way radios

If two-way radios are manipulated or retrofitted incorrectly, the electromagnetic radiation from the two-way radios can interfere with the vehicle electronics and jeopardise the operating safety of the vehicle.

- You should have all work on electrical and electronic components carried out at a qualified specialist workshop.

WARNING Risk of accident due to improper operation of two-way radios

If you use two-way radios in the vehicle improperly, their electromagnetic radiation can disrupt the vehicle's electronics. This is the case in the following situations, in particular:

- The two-way radio is not connected to an exterior aerial.
- The exterior aerial is fitted incorrectly or is not a low-reflection aerial.

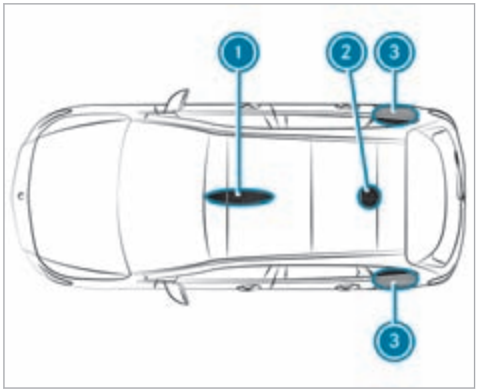
This could jeopardise the operating safety of the vehicle.

- Have the low-reflection exterior aerial fitted at a qualified specialist workshop.
- When operating two-way radios in the vehicle, always connect them to the low-reflection exterior aerial.

NOTE Invalidation of the operating permit due to failure to comply with the instructions for installation and use

The operating permit may be invalidated if the instructions for installation and use of two-way radios are not observed.

- Only use approved frequency bands.
- Observe the maximum permissible output power in these frequency bands.
- Only use approved aerial positions.



1. Front roof area
2. Rear roof area
3. Rear wings

On vehicles with a panorama sliding sunroof, it is not permitted to fit an aerial to the front or rear roof area.

On the rear wings, it is recommended that you fit the aerial on the side of the vehicle closest to the centre of the road.

Use Technical Specification ISO/TS 21609 (Road Vehicles – "EMC guidelines for installation of aftermarket radio frequency transmitting equipment") when retrofitting two-way radios. Comply with the legal requirements for detachable parts.

If your vehicle has pre-installation for two-way radio equipment, use the power supply and aerial connectors provided in the pre-installation. Observe the manufacturer's supplements when fitting.

Two-way radio transmission output

The maximum transmission output (PEAK) at the base of the aerial must not exceed the values in the following table.

Frequency band and maximum transmission output

Frequency band	Maximum transmission output
2-m- frequency band 144 - 174 MHz	50 W
Terrestrial Trunked Radio (TETRA) 380 - 460 MHz	10 W
70-cm- frequency band 430 - 470 MHz	35 W
Two-way radio 2G	2 W
Two-way radio 3G/4G/5G	0.5 W

The following devices can be used in the vehicle without restrictions:

- two-way radios with a maximum transmission output of up to 100 mW
- two-way radios with transmitter frequencies in the 380 - 420 MHz frequency band and a maximum transmission output of up to 2 W (TETRA)
- mobile phones (2G/3G/4G/5G)

There are no restrictions when positioning the aerial on the outside of the vehicle for the following frequency bands:

- TETRA
- 2G/3G/4G/5G

Notes on pyrotechnical vehicle components

Registration information on pyrotechnic actuators

UK CA

Manufacturer information:

Autoliv NCS Pyrotechnie et Technologies, Rue de la Cartoucherie, 95470 Survilliers, France

Registration number:

2806 – P1 – 004163

Model designation:

PSS-1, PSS-2, PSS-3, PSS-4, PSS-6, PSS-6 Gen.1, PSS-6 Gen.2

Regulatory radio information

Specific information on wireless applications in accordance with 2014/53/EU

Besides the typical frequencies for mobile communication cars by Mercedes-Benz make use of the following automotive radio applications.

Type of wireless applications and specifications in accordance with 2014/53/EU

Technology	Frequency range	Transmission output/magnetic field strength
Remote Keyless Entry	20 kHz (9–90 kHz)	≤ 72 dBµA/m at 10m
Wireless Power Transmission	105 kHz (90–119 kHz)	≤ 42 dBµA/m at 10m
Remote Keyless Entry	120 kHz (119–135 kHz)	≤ 42 dBµA/m at 10m
Wireless Power Transmission	127 kHz (119–135 kHz)	≤ 66 dBµA/m at 10m with the magnetic field strength level decreasing 3dB/octave above 119 kHz
Near-field communication	13.553–13.567 MHz	≤ 42 dBµA/m at 10m
Remote Keyless Entry, Garage Door Opener, Tire Pressure Monitoring	433 MHz (433.05–434.79 MHz)	≤ 10 mW ERP
Block Heater Remote Control, Garage Door Opener	868 MHz (868.0–868.6 MHz)	≤ 25 mW ERP
Block Heater Remote Control, Garage Door Opener	869 MHz (868.7–869.2 MHz)	≤ 25 mW ERP
Bluetooth, Kleer, RLAN, wireless Headphones	2.4 GHz ISM band (2400–2483.5 MHz)	≤ 100 mW EIRP
RLAN	5.1 GHz UNII-1 (5150–5250 MHz)	≤ 25 mW EIRP

Technology	Frequency range	Transmission output/magnetic field strength
Interior Monitoring Radar, RLAN	5.8 GHz UNII-3 (5725–5875 MHz)	≤ 25 mW EIRP
Remote Keyless Entry	7.25 GHz UWB (6.0–8.5 GHz)	≤ -41.3 dBm/MHz EIRP mean ≤ 0 dBm/MHz EIRP peak
76 GHz radar	76–77 GHz	≤ 55 dBm peak EIRP
Carsharing Module	**NFC:** 13.553–13.567 MHz **Bluetooth®:** 2402–2480 MHz	**NFC:** ≤ 42 dBµA/m at 10 m **Bluetooth®:** ≤ +4 dBm (class 2)
Rear Seat Entertainment System	**Bluetooth®:** 2400–2483.5 MHz **WLAN 2.4 GHZ:** 2400–2483.5 MHz **WLAN 5 GHz:** 5150–5250 MHz 5725–5875 MHz	**Bluetooth®:** -0.8 dBm **WLAN 2.4 GHZ:** 14.5 dBm **WLAN 5 GHz:** 20.5 dBm 13.3 dBm
Two-way radio (Tel7 telephone control unit)	E-GSM (900 MHz) GSM (1800 MHz)	+33 dBm +30 dBm

Technology	Frequency range	Transmission output/magnetic field strength
	UMTS (Band I, III, VIII)	+24 dBm (+1/-3 dB)
	LTE (Band 1, 3, 7, 8, 20, 28)	+23 dBm (±2 dB)
HERMES (Hardware for Enhanced Remote, Mobility & Emergency Services)	WLAN (2400-2483.5 MHz) WLAN (5736-5833 MHz)	< 20 dBm < 14 dBm
	GSM (E-GSM 900, Class 4) GSM (E-GSM 1800, Class 1) GSM (E-GSM 900 8-PSK, Class E2) GSM (E-GSM 1800 8-PSK, Class E2)	< +33 dBm (±2 dB) < +30 dBm (±2 dB) < +27 dBm (±3 dB) < +26 dBm (± 3 dB/-4 dB)
	UMTS (2100 WCDMA FDD B1, Class 3)	< +24 dBm (±1 dB/-3 dB)
	LTE (FDD B I, B III, B38, B39, B40, B41, Class 3)	< +23 dBm (±2 dB)
	GPS (1575.42 MHz +/- 2 MHz)	Receiving only
RAMSES (Router And Mobile SErviceS)	GSM (E-GSM 850 / E-GSM 900, Class 4) GSM (E-GSM 1800 / E-GSM 1900, Class 4)	< +32.5 dBm (±1 dB) < +29.5 dBm (±1 dB)
	UMTS (WCDMA FDD I, II, III, IV, V, VIII, XIX, Class 3)	< +23.5 dBm (±1 dB)

Technology	Frequency range	Transmission output/magnetic field strength
	LTE (FDD B1, B2, B3, B4, B5, B7, B8, B9, B18, B19, B21, B28, Class 3)	< +23 dBm (±1 dB)
	LTE (TDD B38, B40, B41, Class 3)	< +23 dBm (±1 dB)
	GNSS (1559–1610 MHz)	Receiving only

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 Owner's Manual in the vehicle, on the internet and in the app.

Information about the specific absorption rate (SAR)

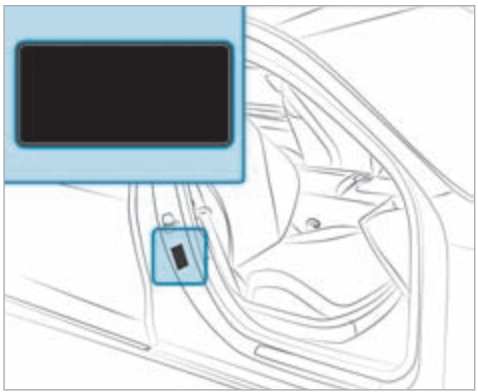
Information about the specific absorption rate (SAR) can be found using the key phrase "Regulatory radio information" in the Digital Owner's Manual in the vehicle, on the internet and in the app.

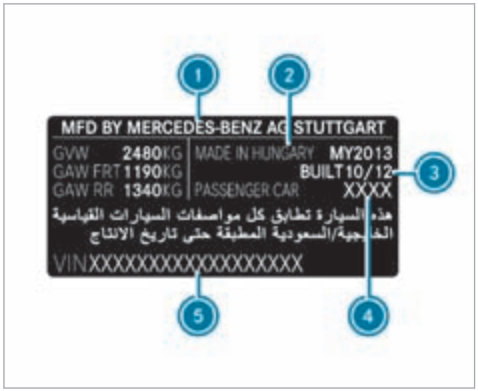
Importer information for regulatory radio components

Importer information about radio-based vehicle components can be found using the key phrase "Regulatory radio information" in the Digital Owner's Manual in the vehicle, on the internet and in the app.

Vehicle identification plate, VIN and engine number overview

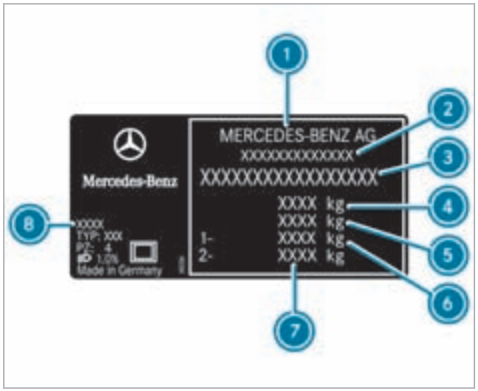
Vehicle identification plate





Vehicle identification plate (example: Kuwait)

1. Vehicle manufacturer
2. Place of manufacture
3. Manufacturing date
4. Vehicle model
5. VIN



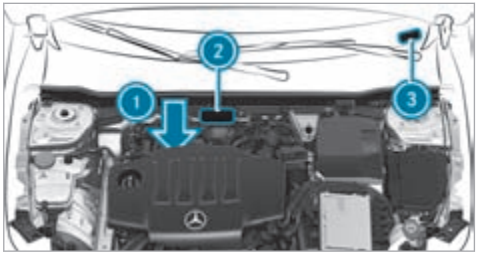
Vehicle identification plate (example: all other countries)

1. Vehicle manufacturer
2. EU general operating permit number (only for certain countries)
3. VIN (vehicle identification number)
4. Maximum permissible gross vehicle weight (kg)

5 Maximum permissible gross weight of vehicle combination (kg) (only for specific countries)
6 Maximum permissible front axle load (kg)
7 Maximum permissible rear axle load (kg)
8 Paint code

ⓘ The data shown in the illustration is example data.

VIN and engine number



1 Engine number stamped into the crankcase
2 VIN (vehicle identification number) stamped into the crossmember
3 VIN (vehicle identification number) as a label at the lower edge of the windscreen

Only for certain countries: the VIN as a label at the lower edge of windscreen 3 is only available in some countries. Further information can be obtained at a qualified specialist workshop.

Operating fluids

Notes on operating fluids

NOTE Mercedes-AMG vehicles

- Observe the notes in the Supplement. You could otherwise fail to recognise dangers.

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
- DeNOx agent AdBlue® for exhaust gas aftertreatment
- lubricants
- Coolant
- Brake fluid
- windscreen washer fluid
- climate control system refrigerant

Only use products approved by Mercedes-Benz. Damage caused by the use of products that have not been approved is not covered by the Mercedes-Benz warranty or goodwill gestures.

The operating fluids approved by Mercedes-Benz can be identified by the following inscriptions on the container:

- MB-Freigabe (e.g. MB-Freigabe 229.51)
- MB-Approval (e.g. MB-Approval 229.51)

Further information on approved operating fluids:

- in the Mercedes-Benz Specifications for Operating Fluids by entering the designation
  - At https://operatingfluids.mercedes-benz.com
- At a qualified specialist workshop

WARNING Risk of fire or explosion from fuel

Fuels are highly flammable.

- ▶ Fire, naked flames, smoking and creating sparks must be avoided.
- ▶ Before and during refuelling, switch off the vehicle and, if fitted, 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 vapour.
- ▶ Keep children away from fuel.
- ▶ Keep doors and windows closed during the refuelling 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.

Flexible-fuel vehicles can be refuelled with the following fuel types:

- unleaded petrol
- E85 fuel
- a mixture of E85 fuel and unleaded petrol

Flexible-fuel vehicles can be identified by the **Ethanol up to E85** sticker on the inside of the fuel filler flap.

Depending on the country, the fuels you can use in your vehicle may differ from the information in the Owner's Manual. The fuels that have been approved for your vehicle can be found on the instruction label on the inside of the fuel filler flap.

Fuel

Information on fuel quality for vehicles with petrol engines

Note the instructions about operating fluids (⟶ page 412).

! **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.

▶ Only refuel using unleaded, sulphur-free spark-ignition engine fuel that conforms to European EN 228, or an equivalent specification.

Fuel of this specification may contain up to 10% ethanol by volume. Your vehicle is suitable for use with E10 fuel.

▶ See the information label in fuel filler flap for other compatible fuels .

Never refuel with one of the following fuels:

- Diesel
- Regular petrol with an octane number lower than 91 RON
- Petrol with more than 3% methanol by volume, e.g. M15, M30
- Petrol with additives containing metal

If you have accidentally refuelled with the wrong fuel:

▶ Do not switch on the vehicle.

▶ Consult a qualified specialist workshop.

The following compatibility indications for fuel apply to your vehicle:



① For petrol with a maximum of 5% ethanol by volume

② For petrol with a maximum of 10% ethanol by volume

The compatibility indications for fuel on the vehicle according to European standard EN 16942

can be found on the information label on the fuel filler flap or on the fuel dispenser or pump nozzle suitable for your vehicle throughout Europe.

If the available fuel is not sufficiently low in sulphur, it may produce unpleasant odours.

The recommended octane number for your vehicle can be found on the information label on the fuel filler flap.

If the recommended fuel is not available, you may also temporarily use regular unleaded petrol with an octane number of at least 91 RON. This may reduce engine output and increase fuel consumption.

Never refuel using petrol with an even lower RON.

Further information on fuel can be obtained at a filling station or a qualified specialist workshop.

Information on additives in petrol (vehicles with petrol engine)

Observe the notes on operating fluids (→ page 412).

! 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. a Mercedes-Benz service centre), mix the fuel with the cleaning additive recommended by Mercedes-Benz. Observe the notes and mixing ratios indicated on the tank.

Information on fuel quality for vehicles with a diesel engine

General notes

Observe the notes on operating fluids (→ page 412).

⚠ WARNING Risk of fire from fuel mixture

If you mix diesel fuel with petrol, the flash point of the fuel mixture is lower than that of pure diesel fuel.

- Never refuel using petrol in diesel engines.
- Never mix petrol with diesel fuel.

! 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.

Vehicles with a diesel particulate filter:

- Only refuel using sulphur-free diesel fuel that conforms to European standard EN 590, or an equivalent specification. In countries without sulphur-free diesel fuel, refuel using only low-sulphur diesel fuel with a sulphur content less than 50 ppm.

Vehicle without diesel particulate filter:

▶ Only refuel using diesel fuel with a sulphur content less than 500 ppm.

Never refuel with one of the following fuels:

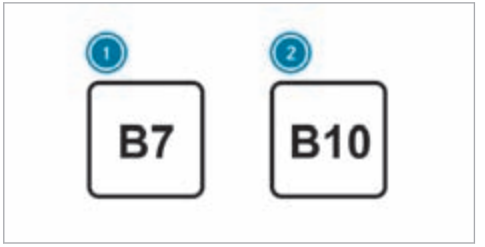
- Petrol
- Marine diesel
- Heating oil
- Pure fatty acid methyl ester or vegetable oil
- Paraffin or kerosene

If you have accidentally refuelled with the wrong fuel:

▶ Do not switch on the vehicle.

▶ Consult a qualified specialist workshop.

The following compatibility indications for fuel apply to your vehicle:



① For diesel fuel with a maximum of 7% fatty acid methyl ester by volume (bio-diesel)

② For diesel fuel with a maximum of 10% fatty acid methyl ester by volume (bio-diesel)

According to European standard EN 16942 you can find the compatibility indications at the following locations:

- On the vehicle on the information label on the fuel filler flap (→ page 195)
- On the fuel dispenser or pump nozzle suitable for your vehicle throughout Europe

Information on low outside temperatures

Refuel your vehicle with as much winter diesel fuel as possible at the beginning of winter.

Before changing over to winter diesel fuel, the fuel tank should be empty, if possible. When first refuelling with winter diesel fuel, keep the fuel level low, e.g. to reserve level. The fuel tank can be filled as usual when next refuelling.

Further information on fuel can be obtained at a filling station or a qualified specialist workshop.

Tank content and fuel reserve

Not for plug-in hybrid:

The total capacity of the fuel tank may vary, depending on the vehicle equipment.

Total fuel tank capacity

Model	
GLA 180 GLA 180 d GLA 200 GLA 200 d	43.0 litres
All other models	51.0 litres

Fuel tank reserve

Model	
All models	5.0 litres

Total fuel tank capacity (plug-in hybrid)

Model	
GLA 250 e	35.0 litres

Fuel tank reserve (plug-in hybrid)

Model	
GLA 250 e	5.0 litres

AdBlue® (vehicles with a diesel engine only)

Notes on AdBlue®

Observe the notes on operating fluids (→ page 412).

AdBlue® is a water-soluble fluid for the NOx exhaust gas aftertreatment of diesel engines.

It may be improper or punishable in some countries to operate a vehicle that uses no AdBlue® or one that does not comply with the specifications of this Owner's Manual.

! **NOTE** Malfunctions due to the dilution of AdBlue® or the use of additive-enhanced AdBlue®

The function of the NOx exhaust gas aftertreatment can be impaired by the use of unsuitable denoxification agents.

- Only use AdBlue® in accordance with ISO 22241.
- Do not dilute AdBlue® with water.
- Do not use additive-enhanced AdBlue®.

! **NOTE** Damage and malfunctions due to impurities in AdBlue®

Consequences of impurities in AdBlue®:

- increased emission values
- damage to the catalytic converter
- NOx exhaust gas aftertreatment malfunctions

- Avoid impurities in AdBlue®.

AdBlue® residues crystallise after a period of time, and contaminate the surfaces with which they come into contact. Clean the dirty surfaces with water as soon as possible.

When you open the AdBlue® tank, small amounts of ammonia vapour may escape. Do not inhale any ammonia vapours that may be released. Only fill the AdBlue® tank in well-ventilated areas.

AdBlue® filling capacity and consumption

Total capacity of AdBlue® tank

Model	Total capacity
All models	23.8 litres

AdBlue® consumption

The average AdBlue® consumption is between 1% and 5% of fuel consumption. Like fuel consumption, AdBlue® consumption is highly dependent upon driving style and operating conditions. For this reason, your vehicle's actual consumption figures in day-to-day operating conditions may differ from the average consumption figures calculated. The frequency at which you will have to top up AdBlue® will also vary. Have the AdBlue® supply checked at a qualified specialist workshop before making journeys outside Europe. Before a longer stay outside Europe, consult a qualified specialist workshop.

AdBlue® fill level and range

The AdBlue® fill level and range can be displayed via the on-board computer. The AdBlue® range shown depends strongly on the driving style and operating conditions. The actual range may therefore deviate from the range currently displayed on the on-board computer. The information supplied in the Owner's Manual regarding the reserve quantity at the first display warning and the minimum top-up quantity when the fuel tank is empty is also to be understood as guide values.

Engine oil

Notes on engine oil

Observe the notes on operating fluids (→ page 412).



! **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 capacity

Not for plug-in hybrid:

Engine oil specification (petrol engines)

Model	MB-Freigabe or MB-Approval
All models	229.51, 229.52, 229.61, 229.71, 229.72[1)]

1) Recommended for the lowest possible fuel consumption (lowest SAE viscosity class in each case; observe possible restrictions of the approved SAE viscosity classes)

Engine oil specification (diesel engines)

Model	MB-Freigabe or MB-Approval
All models	229.52, 229.61, 229.71, 229.72[1)]

1) 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 viscosity class. Observe any possible restrictions of the approved SAE viscosity classes.

ⓘ If the engine oils listed in the table are not available, you may add a maximum of 1.0 litre of the following engine oils once only.
Vehicles with petrol engines: MB-Freigabe or MB-Approval 229.31 or ACEA C3
Vehicles with diesel engines: MB-Freigabe or MB-Approval 229.51 or ACEA C3

Not for plug-in hybrid:

Engine oil filling capacity

Model	Capacity
GLA 180 GLA 200 GLA 200 4MATIC	5.1 litres
GLA 250 GLA 250 4MATIC	5.5 litres
All other models	6.8 litres

The specified filling capacity refers to an oil change with the oil filter.

Engine oil specification (plug-in hybrid)

Model	MB-Freigabe or MB-Approval
GLA 250 e	229.51, 229.52, 229.61, 229.71, 229.72[1)]

1) 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 viscosity class. Observe any possible restrictions of the approved SAE viscosity classes.

ⓘ If the engine oils listed in the table are not available, you may add a maximum of 1.0 litre of engine oils with MB-Freigabe or MB-Approval 229.31 or ACEA C3 once only.

Engine oil filling capacity (plug-in hybrid)

Model	Capacity
GLA 250 e	4.5 litres

The specified filling capacity refers to an oil change with the oil filter.

Notes on brake fluid

Observe the notes on operating fluids (→ page 412).

⚠ WARNING Risk of an accident due to vapour 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, vapour pockets may form in the brake system when the brakes are applied hard.

This impairs the braking effect.

- Have the brake fluid renewed at the specified intervals.

Have the brake fluid regularly replaced at a qualified specialist workshop.

Only use a brake fluid approved by Mercedes-Benz according to MB-Freigabe or MB-Approval 331.0.

Coolant

Notes on coolant

Observe the notes on operating fluids (→ page 412).

⚠ 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 you top up the antifreeze.
- Make sure that no antifreeze spills out next to the filler opening.
- Thoroughly clean the 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 -37°C)
- A maximum of 55% (antifreeze protection down to -45°C)

Notes on windscreen washer fluid

Observe the notes on operating fluids (→ page 412).

⚠ WARNING - Risk of fire and injury due to windscreen washer concentrate

Windscreen 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 windscreen washer concentrate spills out next to the filler opening.

! NOTE Damage to the exterior lighting due to unsuitable windscreen washer fluid

Unsuitable windscreen washer fluids may damage the plastic surface of the exterior lighting.

▶ Only use windscreen washer fluids which are also suitable for use on plastic surfaces, e.g. MB SummerFit or MB WinterFit.

! NOTE Blocked spray nozzles caused by mixing windscreen washer fluids

▶ Do not mix MB SummerFit and MB WinterFit with other windscreen washer fluids.

Do not use distilled or de-ionised water. Otherwise, the fill level sensor may be triggered erroneously.

Recommended windscreen washer fluid:

- above freezing point: e.g. MB SummerFit
- below freezing point: e.g. MB WinterFit

For the correct mixing ratio, refer to the information on the antifreeze container.

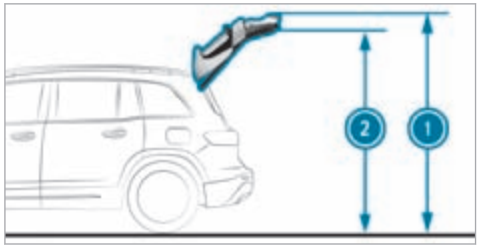
Mix washer fluid with windscreen washer fluid all year round.

Vehicle data

Vehicle dimensions

The heights specified may vary as a result of the following factors:

- Tyres
- Load
- Condition of the suspension
- Optional equipment



① Height when open
② Standing headroom

Not for plug-in hybrid:

Height when open and standing headroom

Model	① Height when open	② Standing headroom
All models	2119 mm	1907 mm

Vehicle dimensions

All models	
Vehicle length	4410 mm
Vehicle width including exterior mirrors	2020 mm
Vehicle width excluding exterior mirrors	1834 mm
Vehicle height	1616 mm
Wheelbase	2729 mm

Height when open and standing headroom (plug-in hybrid)

Model	① Height when open	② Standing headroom
GLA 250 e	2117 mm	1905 mm

Vehicle dimensions (plug-in hybrid)

GLA 250 e	Vehicle dimensions
Vehicle length	4410 mm
Vehicle width including exterior mirrors	2020 mm
Vehicle width excluding exterior mirrors	1834 mm
Vehicle height	1613 mm
Wheelbase	2729 mm

Weights and loads

Please observe the following notes for the specified vehicle data:

- Items of optional equipment increase the unladen weight and reduce the payload.
- Vehicle-specific weight information can be found on the vehicle identification plate (→ page 411).

Roof load

Model	Maximum roof load
All models	75 kg

Maximum design speeds

The maximum design speed can differ from the stated figures in practice. It depends on the operating conditions, the optional equipment and the size of the tyres.

Not for Mercedes-AMG vehicles:
Missing values were not available at the time of going to press.

Maximum design speed

Model	
All models	

High-voltage battery (plug-in hybrid)

Notes on the power supply for vehicles with high-voltage battery
In accordance with European standard EN 17186:2019, vehicle identifiers are located on the vehicle in the following places:

- On the inside of the socket flap
- On the charging cable connector

In addition, charging stations in European countries are equipped with energy supply identifiers. You can recharge your vehicle at charging stations whose charging station identifier corresponds to the vehicle identifier.

For further information on charging the high-voltage battery, refer to the "Charging the high-voltage battery" section(→ page 202).



1. Supply type: AC
   Standard: EN 62196-2
   Design: type 2
   Plug type: charging cable socket and vehicle plug
   Voltage range: 480 V RMS
2. Supply type: DC
   Standard: EN 62196-3
   Design: FF
   Plug type: charging cable socket and vehicle plug
   Voltage range: 50 V to 500 V
3. Supply type: DC

Standard: EN 62196-3
Design: FF
Plug type: charging cable socket and vehicle plug
Voltage range: 200 V to 920 V

Missing values were not available at the time of going to press.

Energy content and charging times

GLA 250 e	
Type	Lithium-ion
Maximum energy content	15.6 kWh
Range in all-electric mode	
Charging time – mode 4 with approx. 22 kW charging capacity	Approx. 25 min

GLA 250 e	
Charging time – mode 3 with approx. 7.4 kW charging capacity	Approx. 1 h 45 min
Charging time – mode 2 with 3.7 kW charging capacity	Approx. 3 h 45 min
Charging time – mode 2 with 1.8 kW charging capacity	Approx. 7 h 30 min

–Mode 2 – charging time and mode 3 charging time apply to AC charging from 0 % to 100 % of the usable energy content. Charging time –mode 4 applies to DC charging from 10 % to 80 % 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 intensity and the type of power supply.

The nominal voltage range for your vehicle can be found on the information label in the socket cover (→ page 202).

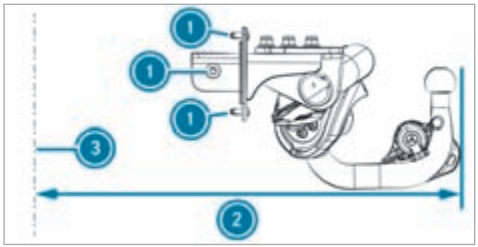
Trailer hitch

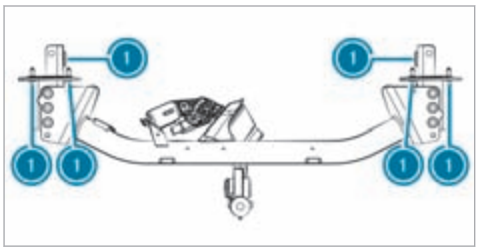
General notes on the trailer hitch

Modifications to the cooling system may be necessary, depending on the vehicle model. The retrofitting of a trailer hitch is only permissible if a towing capacity is specified in your vehicle documents.

Further information can be obtained at a qualified specialist workshop.

Mounting dimensions of the trailer hitch





1 Fastening points
2 Overhang dimension
3 Rear axle centre line

The overhang dimension and fastening points are valid for a trailer hitch installed at the factory.

Overhang dimension length

Model	2 Overhang dimension
All models	888 mm

Towing capacity

ⓘ The tongue weight is not included in the towing capacity.
The values for the **trailer load, braked** apply with a minimum start-off climbing ability of 12 %.

Not for plug-in hybrid:

Towing capacity, braked

Model	
GLA 200 GLA 200 d GLA 200 4MATIC	1800 kg
GLA 180 GLA 180 d	1600 kg
All other models	2000 kg

Towing capacity, unbraked

Model	
GLA 180 GLA 200	740 kg
All other models	750 kg

Trailer load, braked (plug-in hybrid)

Model	
GLA 250 e	1800 kg

Trailer load, unbraked (plug-in hybrid)

Model	
GLA 250 e	750 kg

Maximum tongue weight -and load capacity

NOTE Damage caused by the trailer coming loose

If the tongue weight used is too low, the trailer may come loose.

- The tongue weight must not be below 50 kg.
- Use a tongue weight that is as close as possible to the maximum permissible tongue weight.

NOTE Damage caused by the bicycle rack coming loose

When using a bicycle rack, both the maximal tongue weight and the maximal load capacity should be observed.

- Do not exceed the permissible load capacity.

Observe the additional notes on load capacity (→ page 285).

Tongue weight

Model	Maximum tongue weight
All models	80 kg

Load capacity

All models	Maximum load
When attaching the bicycle carrier to the ball head	75 kg
When attaching the bicycle carrier to the ball head and additionally to the guide pins	100 kg

Permissible rear axle load (trailer operation)

Not for plug-in hybrid:

Axle load when towing trailer

Model	Axle load
GLA 180 GLA 200 GLA 250	1075 kg
GLA 200 d 4MATIC GLA 220 d 4MATIC	1140 kg
GLA 200 4MATIC GLA 250 4MATIC	1115 kg
All other models	1105 kg

Axle load when towing trailer (plug-in hybrid)

Model	Axle load
GLA 250 e	1235 kg

Display messages

Introduction

Information about display messages

Display messages appear on the instrument display.

Display messages with graphic symbols are simplified in the Owner's Manual and may differ from the symbols on the instrument display. The instrument display shows high-priority display messages in red. Certain display messages are accompanied by a warning tone.

Please act in accordance with the display messages and follow the additional notes in the Owner's Manual.

For some display messages, symbols will also be shown:

- ⓘ Further information
- × Hide display message

With the left-hand Touch Control, you can select the respective symbol by swiping to the left or right. Pressing ⓘ displays further information on the media display. Press the × symbol to hide the display message.

Display messages to be acknowledged can be hidden 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 instrument display will show these display messages permanently until the cause of the display message has been rectified.

Calling up saved display messages

On-board computer:

↳ Service ▸▸ 1 message

If there are no display messages, No messages will appear on the instrument display.

- Scroll through the display messages by swiping upwards or downwards on the left-hand Touch Control.
- **To exit the message memory:** press the back button ↩.

Occupant safety

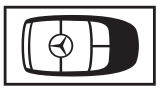
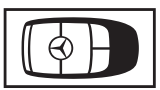
Display messages	Possible causes/consequences and ▶ Solutions
 Restraint sys. malfunction Consult workshop	* The restraint system is malfunctioning (⟶ page 45). **⚠ WARNING** Risk of injury due to malfunctions in the restraint system Components in the restraint system may be activated unintentionally or not deploy as intended in an accident. ▶ Have the restraint system checked and repaired immediately at a qualified specialist workshop. **Plug-in hybrid:** **⚠ DANGER** Risk of fatal injuries due to restraint system malfunctions Components in the restraint system may be activated unintentionally or not deploy as planned in an accident. In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended. You may suffer 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.

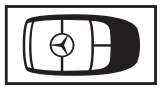
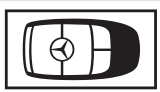
Display messages	Possible causes/consequences and ▶ Solutions
 Front left malfunction Consult workshop (example)	* The restraint system is malfunctioning (→ page 45). **⚠ WARNING** Risk of injury due to malfunctions in the restraint system Components in the restraint system may be activated unintentionally or not deploy as intended in an accident. ▶ Have the restraint system checked and repaired immediately at a qualified specialist workshop. **Plug-in hybrid:** **⚠ DANGER** Risk of fatal injuries due to restraint system malfunctions Components in the restraint system may be activated unintentionally or not deploy as planned in an accident. In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended. You may suffer 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
 Left windowbag malfunction Consult workshop (example)	* The restraint system is malfunctioning (⟶ page 45). **⚠ WARNING** Risk of injury or fatal injury due to a malfunction in the windowbag The windowbag might be triggered unintentionally or might not be triggered at all in the event of an accident. ▶ Have the windowbag checked and repaired immediately at a qualified specialist workshop.
Front-passenger airbag disabled See Owner's Manual	* The front passenger airbag has 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. **⚠ WARNING** - Risk of injury or even fatal injury when the front passenger airbag is disabled If the front passenger airbag is disabled, It will not be deployed in the event of an accident and cannot perform its intended protective function. 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 dashboard. ▶ Be aware of the status of the front passenger airbag both before and during the journey. ▶ Stop the vehicle immediately in accordance with the traffic conditions. ▶ Make sure that no objects are trapped under the front passenger seat. ▶ Check the status of the automatic front passenger airbag shutoff (⟶ page 47). ▶ If necessary, consult a qualified specialist workshop immediately.

Display messages	Possible causes/consequences and ▶ Solutions
Front-passenger airbag enabled See Owner's Manual	* The front passenger airbag will be enabled while the vehicle is in motion in the following situations: • 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 The system may detect objects or forces that are adding to the weight applied to the seat. ⚠ **WARNING** Risk of injury or death when using a child restraint system while the front passenger airbag is enabled If you secure a child in a child restraint system on the front passenger seat and the 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. ▶ Ensure, both before and during the journey, that the status of the front passenger airbag is correct. 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. ▶ Stop the vehicle immediately in accordance with the traffic conditions. ▶ Make sure that no objects are trapped under the front passenger seat. ▶ Check the status of the automatic front passenger airbag shutoff (→ page 47). ▶ If necessary, consult a qualified specialist workshop immediately.

Key

Display messages	Possible causes/consequences and ▶ Solutions
 Replace key	* Have the key replaced. ▶ Consult a qualified specialist workshop.
 Change key batteries	* The key battery is discharged. ▶ Replace the battery (→ page 82).
 Key not detected (white display message)	* The key is currently undetected. ▶ Change the location of the key in the vehicle. ▶ Try to start the vehicle. ▶ If the key is still not detected, place it in the slot for starting with the key (→ page 172). ▶ Start the vehicle.

Display messages	Possible causes/consequences and ▶ Solutions
 Key not detected (red display message)	* The key can no longer be detected during a journey and may no longer be in the vehicle. If the key is no longer in the vehicle and you switch off the vehicle: • You can no longer start the vehicle. • You cannot centrally lock the vehicle. ▶ Ensure that the key is in the vehicle. If the key is in the vehicle and is still not detected: ▶ Stop the vehicle immediately in accordance with the traffic conditions. ▶ Place the key in the slot for starting the engine with the key (→ page 172). The key battery is weak or discharged. ▶ Check the battery using the indicator lamp (→ page 80). ▶ Replace the key battery, if necessary (→ page 82).
 Key being initialised Please wait	* The vehicle is processing in order to teach in the new key. ▶ Wait until processing is complete.

Display messages	Possible causes/consequences and ▶ Solutions
Place the key in the marked space See Owner's Manual	* Key detection is malfunctioning. ▶ Change the location of the key in the vehicle. ▶ Place the key in the slot for starting the engine with the key (→ page 172).

Lights

Display messages	Possible causes/consequences and ▶ Solutions
 Left dipped beam (example)	* The corresponding light source is defective. ▶ Drive on carefully. ▶ Consult a qualified specialist workshop immediately. or ▶ Check whether you are permitted to replace the light source yourself (→ page 149). ⓘ LED light sources: the display message for the corresponding light appears only when all the light-emitting diodes in the light are faulty.

Display messages	Possible causes/consequences and ▶ Solutions
 Malfunction See Owner's Manual	* The exterior lighting is malfunctioning. ▶ Consult a qualified specialist workshop. * **Vehicles with a trailer hitch:** a fuse may have blown. ▶ Stop the vehicle in accordance with the traffic conditions. ▶ Check the fuses and replace them if necessary (→ page 382).
 Automatic driving lights inoperative	* The light sensor for automatic driving lights is malfunctioning. ▶ Consult a qualified specialist workshop.
 Active Light System inoperative	* The active headlamps are malfunctioning. ▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 Switch on headlamps	* You are driving without low-beam headlamps. ▶ Turn the light switch to the ≡D or AUTO position.
 Switch off lights	* You are leaving the vehicle and the lights are still switched on. ▶ Turn the light switch to the AUTO position.
 Intelligent Light System inoperative	* The Intelligent Light System is malfunctioning. The lighting system continues to function properly without the functions of the Intelligent Light System. ▶ Consult a qualified specialist workshop.
Adaptive Highbeam Assist currently unavailable See Owner's Manual	* Adaptive Highbeam Assist is temporarily unavailable. The system limits have been reached (→ page 144). Once the cause of the problem is no longer present, the system will be available again. The Adaptive Highbeam Assist available again display message will appear. ▶ Drive on

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Operate the high beam manually until Adaptive High Beam Assist is available again.
Adaptive Highbeam Assist inoperative	* Adaptive Highbeam Assist is malfunctioning. ▶ 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. ▶ Until then, operate the high beam manually.
Adaptive Highbeam Assist Plus currently unavailable See Owner's Manual	* Adaptive Highbeam Assist Plus is temporarily unavailable. The system limits have been reached (→ page 145). Once the cause of the problem is no longer present, the system will be available again. The Adaptive Highbeam Assist Plus available again display message will appear. ▶ Drive on ▶ Operate the high beam manually until Adaptive High Beam Assist Plus is available again.
Adaptive Highbeam Assist Plus inoperative	* Adaptive Highbeam Assist Plus is malfunctioning. ▶ 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
	▶ Until then, operate the high beam manually.
Hazard warning lamps malfunctioning	* The hazard warning lamp switch is malfunctioning. ▶ Consult a qualified specialist workshop.

Climate control

Display messages	Possible causes/consequences and ▶ Solutions
 inoperative See Owner's Man.	* The stationary heater is temporarily malfunctioning. ▶ When the vehicle is stationary on a level surface and the engine has cooled down, make up to four attempts to switch on the stationary heater, waiting several minutes between each attempt. ▶ If the stationary heater does not switch on, consult a qualified specialist workshop.
 inoperative Battery low	* The on-board electrical system voltage is too low. The stationary heater has switched itself off. ▶ Drive an extended distance until the battery has reached a sufficient charge level again.

Display messages	Possible causes/consequences and ▶ Solutions
 inoperative Refuel vehicle	* There is too little fuel in the fuel tank. The stationary heater cannot be switched on. ▶ Refuel the vehicle.
 inoperative High-voltage battery charging incomplete	* The high-voltage battery is charging. Pre-entry climate control cannot be switched on. ▶ Wait until the charging process has achieved a minimum state of charge.
 inoperative Charge HV battery	* The charge of the high-voltage battery is too low. Pre-entry climate control cannot be switched on. ▶ Charge the high-voltage battery (→ page 202).

Display messages	Possible causes/consequences and ▶ Solutions
 Pre-entry climate control (via key) available again after engine start	* You have attempted to switch on pre-entry climate control more than twice with the vehicle switched off. ▶ Start the vehicle for ten seconds. Pre-entry climate control is operational again.
 Pre-entry climate control (via key) inoperative HV-battery low	* The charge of the high-voltage battery is too low. Pre-entry climate control cannot be switched on. ▶ Charge the high-voltage battery (⟶ page 202). When the high-voltage battery is sufficiently charged, pre-entry climate control will be operational again.

Hybrid system

Display messages	Possible causes/consequences and ▶ Solutions
 Towing not permitted See Owner's Manual	* The drive system is malfunctioning. ▶ Have the vehicle transported only using a transporter or trailer (→ page 377).
 Acoustic presence indicator inoperative	* 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. ▶ Drive with particular care. ▶ Consult a qualified specialist workshop.
 Charger cable connected	* You cannot pull away while the charging cable is connected. ▶ Disconnect the charging cable from the vehicle.
Not possible to unlock charging cable See Owner's Manual	* The charging cable connector cannot be removed from the charging station's socket. ▶ Press the EMERGENCY OFF switch on the charging station. If the charging cable connector cannot be removed after that:

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Request service personnel from the operator of the charging station via the emergency call button or the emergency numbers attached to the charging station.
Vehicle not currently being charged Charging station fault	* A malfunction has occurred in the charging station or the RFID card is not recognised. ▶ Start the charging process at a different charging station. or ▶ Have the RFID card checked to ensure it is functioning.
Charging method currently unavailable Please try again or change charging method	* A temporary malfunction has occurred in the charging station. ▶ Wait until the malfunction has passed. or ▶ Start the charging process at a different charging station.
Charging fault Please change charging method See Owner's Manual	* A temporary malfunction has occurred in the charging station. ▶ Wait until the malfunction has passed. or ▶ Start the charging process at a different charging station.
Only electric drive available Power limited	* The fuel tank is empty and the combustion engine is switched off. The output of your vehicle is limited because you are driving in electric mode.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Refuel immediately. Subsequently, there may be temporary restrictions in the availability of electric mode over a driving distance of 50 km. If there is fuel in the vehicle, there is a fault with the combustion engine. ▶ Consult a qualified specialist workshop.
"Electric" drive program currently unavailable	* The state of charge of the high-voltage battery is not sufficient for the Electric drive program. Charge the high-voltage battery (⟶ page 202).
Reduced drive system performance See Owner's Manual	* The drive system switches to emergency operation mode due to a malfunction. ▶ Drive on carefully. ▶ Consult a qualified specialist workshop.
 Battery overheated Stop, everybody out! Outdoors if possible	* **Plug-in hybrid:** the high-voltage battery is overheated. There is a risk of fire. ▶ Stop the vehicle immediately in accordance with the traffic conditions. ▶ If possible, stop the vehicle in the open air and ensure that all vehicle occupants get out. ⓘ Supporting vehicle functions may activate automatically, e.g. air-recirculation mode as part of climate control. ▶ Do not continue driving. ▶ If smoke is present, leave the danger zone and call the fire service immediately. ▶ Consult a qualified specialist workshop even if there are no external signs of a fire.

Display messages	Possible causes/consequences and ▶ Solutions
 Malfunction	* The drive system is malfunctioning. A warning tone will also sound. ▶ Consult a qualified specialist workshop. * There is a serious malfunction if the display message and warning tone are repeated at short intervals. You must stop the vehicle immediately in accordance with the traffic conditions because the drive system is automatically deactivated. ▶ Stop the vehicle immediately in accordance with the traffic conditions. ▶ Switch off the vehicle and consult a qualified specialist workshop.
 Malfunction Visit workshop	* The drive system is malfunctioning. ▶ Consult a qualified specialist workshop.
Without changing gear, consult workshop	* The drive system cannot be restarted due to a malfunction. If the transmission position is changed using the DIRECT SELECT lever, the drive system will be switched off in park position P or neutral N. ▶ Consult a qualified specialist workshop and do not change the transmission position.
Without starting engine again, consult workshop	* It is not possible to restart the drive system due to a malfunction. ▶ Do not switch off the drive system; drive on to the nearest qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 Malfunction	* The drive system is malfunctioning. The output of your vehicle is restricted. ▶ Consult a qualified specialist workshop.
 Stop Switch engine off	* 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, as the drive system is automatically deactivated. ▶ Do not tow the vehicle; stop towing if necessary. ▶ Consult a qualified specialist workshop.
 Performance severely limited	* The drive system is outside the normal operating temperature range, e.g. due to extremely low or high outside temperatures. The output is severely restricted. Once the operating temperature of the drive system returns to normal, the full output will be available again. The display message will disappear. * If the drive system power output is still reduced, there is a fault in the drive system. ▶ Drive on carefully. ▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 Please wait Depressurising tank	* **Vehicles with petrol engines:** the pressure in the fuel tank is reduced before the fuel filler flap is opened. This pressure reduction can take up to 15 minutes.
 Tank is depressurised Ready for refuelling	* **Vehicles with petrol engines:** the pressure in the fuel tank is released and the fuel filler flap opens.
 Tank ventilation Malfunction Consult workshop	* **Vehicles with petrol engines:** There is a malfunction in the fuel system. ▶ Consult a qualified specialist workshop.

Vehicle

Display messages	Possible causes/consequences and ▶ Solutions
 Vehicle is operational Switch off ignition before exiting	* You are leaving the vehicle in a ready-to-drive state. ▶ 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).
 Check trailer hitch lock (white display message)	* The trailer hitch is not operational during a journey with a trailer. ⚠ **WARNING** Risk of an accident if the ball neck is not locked The trailer may become detached. ▶ Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. ▶ Uncouple the trailer and secure it against rolling away. ▶ Initiate a new swivelling procedure and do not re-couple the trailer until the display message disappears. ▶ Initiate a new swivel movement (→ page 282). ▶ When the display message disappears, couple up the trailer and drive on. If the display message does not disappear, the trailer hitch is malfunctioning and the ball neck is not locked.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Do not couple up the trailer. Drive on without the trailer. Note the reduced ground clearance due to the unlocked ball neck. ▶ Consult a qualified specialist workshop. * When the vehicle is stationary with a coupled trailer, the trailer hitch is not operational. ▶ Uncouple the coupled trailer and secure it against rolling away. ▶ **If the ball neck has been folded in:** unlock the ball neck (→ page 282). ▶ Swivel the ball neck into the end position manually and let it engage. ▶ **If the ball neck has been folded out:** unlock the ball neck (→ page 282). ▶ Swivel the ball neck beneath the bumper manually and let it engage. If the display message does not disappear, the trailer hitch is malfunctioning and the ball neck is not locked. ▶ Do not couple up the trailer. Drive on without the trailer. Note the reduced ground clearance due to the unlocked ball neck. ▶ Consult a qualified specialist workshop.
Head-up display currently unavailable See Owner's Manual	* The head-up display is temporarily unavailable. Possible causes: • malfunctions in the power supply • signal interference ▶ Stop in accordance with the traffic conditions and switch the vehicle off and on again. ▶ If the display message still appears, consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
Head-up display inoperative	* The head-up display has an internal error. ▶ Consult a qualified specialist workshop.
 Steering malfunction Increased physical effort See Owner's Manual	* The power steering assistance is malfunctioning. ⚠ **WARNING** Risk of an accident due to altered steering characteristics If the power assistance of the steering fails partially or completely, you will need to use more force to steer. ▶ If safe steering is possible, drive on carefully. ▶ Visit or consult a qualified specialist workshop immediately.
 Steering malfunction Stop immediately See Owner's Manual	* The steering is malfunctioning. Steering capability is significantly impaired. ⚠ **WARNING** Risk of accident if steering capability is impaired If the steering does not function as intended, the vehicle's operating safety is jeopardised. ▶ 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
 Steering malfunction See Owner's Manual	* The electric steering lock is malfunctioning. The steering may be locked by the electric steering lock. **⚠ WARNING** Risk of accident if steering capability is impaired If the steering does not function as intended, the vehicle's operating safety is jeopardised. ▶ 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. ▶ Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. ▶ Consult a qualified specialist workshop.
 Before starting the engine, turn the steering wheel.	* The electric steering lock could not unlock the steering. ▶ Switch off the vehicle. ▶ To unlock the steering, move the steering wheel slightly to the left and right. ▶ Switch on the vehicle again.
Active bonnet malfunction See Owner's Manual	* The active bonnet (pedestrian protection) is malfunctioning or inoperative after having already been triggered. ▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
	* At least one door is open. ▶ Close all doors.
	* The bonnet is open. ⚠ **WARNING** Risk of accident due to driving with the bonnet unlocked The bonnet may open and block your view. ▶ Never release the bonnet when driving. ▶ Before every trip, ensure that the engine bonnet is locked. ▶ Stop the vehicle immediately in accordance with the traffic conditions. ▶ Close the bonnet.
	* The tailgate is open. ⚠ **DANGER** Risk of poisoning from exhaust gases Combustion engines emit poisonous exhaust gases, such as carbon monoxide. Exhaust gases can enter the vehicle interior if the tailgate is open when the engine is running, especially if the vehicle is in motion. ▶ Always switch off the engine before opening the tailgate. ▶ Never drive with the tailgate open.

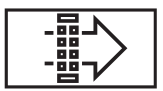
Display messages	Possible causes/consequences and ▶ Solutions
	▶ Close the tailgate.
Anti-theft alarm system Malfunction	* The anti-theft alarm system is malfunctioning. ▶ Consult a qualified specialist workshop.
 2nd seat row, left Not locked	* The left-hand seat or the seat backrest in the second row of seats is not engaged. ▶ Fold the corresponding seat backrest back until it engages and push the row of seats back (→ page 112). ▶ Make sure that the seat is engaged (→ page 112).
 2nd seat row, right Not locked	* The right-hand seat or the seat backrest in the second row of seats is not engaged. ▶ Fold the corresponding seat backrest back until it engages and push the row of seats back (→ page 112). ▶ Make sure that the seat is engaged (→ page 112).
 3rd seat row, left Not locked	* The left-hand seat or the seat backrest in the third row of seats is not engaged. ▶ Fold the corresponding seat backrest back until it engages and push the row of seats back (→ page 112). ▶ Make sure that the seat is engaged (→ page 112).

Display messages	Possible causes/consequences and ▶ Solutions
 3rd seat row, right Not locked	* The right-hand seat or the seat backrest in the third row of seats is not engaged. ▶ Fold the corresponding seat backrest back until it engages and push the row of seats back (⟶ page 112). ▶ Make sure that the seat is engaged (⟶ page 112).
 Top up washer fluid	* The washer fluid level in the washer fluid reservoir has dropped below the minimum. ▶ Top up the washer fluid (⟶ page 353).
Wiper malfunctioning	* The windscreen wiper is malfunctioning. ▶ Restart the vehicle. If the display message still appears: ▶ Consult a qualified specialist workshop.

Engine

Display messages	Possible causes/consequences and ▶ Solutions
To switch off the engine, press the Start/Stop button for at least 3 seconds or 3 times.	* You have pressed the start/stop button while the vehicle is in motion. ▶ Information about switching off the vehicle while driving (→ page 171).
Cannot start engine See Owner's Manual	* The vehicle cannot be started. ▶ Switch the vehicle off and switch it back on ▶ If the display message still appears, consult a qualified specialist workshop.
 Top up coolant See Owner's Manual	* The coolant level is too low. ! **NOTE** Engine damage due to insufficient coolant ▶ Avoid long journeys with insufficient coolant. ▶ Add coolant (→ page 352). ▶ Have the engine cooling system checked at a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 Coolant Stop vehicle Switch engine off	* The coolant is too hot. ▶ Stop immediately in accordance with the traffic conditions and switch off the vehicle. ⚠ **WARNING** Risk of burns when opening the bonnet If you open the bonnet 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 bonnet, allow the engine to cool down. ▶ In the event of a fire in the engine compartment, keep the bonnet closed and call the fire service. ▶ Wait until the engine has cooled down. ▶ Make sure that the air supply to the radiator is not obstructed. ▶ Avoiding high loads on the engine, drive to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below 120 °C.
	* There is a malfunction in the engine cooling system. ▶ Avoiding high loads on the engine, drive to the nearest qualified specialist workshop. In doing so, ensure that the coolant temperature display remains below 120 °C.

Display messages	Possible causes/consequences and ▶ Solutions
 Reserve fuel level	* The fuel supply has dropped into the reserve range. ▶ Refuel.
 Clean the fuel filter	* **Vehicles with diesel engines:** the fuel filter is dirty or the water in the fuel filter needs to be drained. ▶ Consult a qualified specialist workshop.
 Replace air cleaner	* **Vehicles with diesel engines:** the engine air filter is dirty and must be replaced. ▶ Consult a qualified specialist workshop.
Drive system Malfunction Visit workshop	* The drive system is malfunctioning. ▶ Consult a qualified specialist workshop.
Drive system Malfunction Stop Switch engine off	* The drive system is malfunctioning. ▶ Stop the vehicle immediately in accordance with the traffic conditions and switch off the engine. ▶ Consult a qualified specialist workshop.

Transmission

Display messages	Possible causes/consequences and ▶ Solutions
Only select Park (P) when vehicle is stationary	* It is possible to select the park position P only if the vehicle is stationary. ▶ Depress the brake pedal to stop. ▶ Shift the transmission to park position P when the vehicle is stationary.
Apply brake to deselect Park (P) position	* You have attempted to shift the transmission out of park position P and into another transmission position. ▶ Depress the brake pedal. ▶ Select transmission position D, R or neutral N.
To shift out of P or N, depress brake and start engine	* You have attempted to shift the transmission out of park position P or neutral N and into another transmission position. ▶ Depress the brake pedal. ▶ Start the vehicle. ▶ Change the transmission position.
Apply brake to select D or R	* You have attempted to select transmission position D or R. ▶ Depress the brake pedal. ▶ Select transmission position D or R.
Apply brake to select R	* You have attempted to select transmission position R. ▶ Depress the brake pedal.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Select transmission position R.
Risk of vehicle rolling Driver door open and transmission not in P	* The driver's door is not fully closed and transmission position D, R or neutral N is selected. The vehicle may roll away. ▶ Select park position P when switching off the vehicle.
N permanently active Risk of vehicle rolling	* While the vehicle is rolling or while you are driving, neutral N has been engaged. ▶ Depress the brake pedal to stop. ▶ Shift the transmission to park position P when the vehicle is stationary. ▶ To continue driving, select transmission position D or R.
Without changing gear, consult workshop	* The transmission is malfunctioning. It is no longer possible to change the transmission position. ▶ 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.
Reversing not poss. Consult workshop	* The transmission is malfunctioning. It is not possible to select transmission position R. ▶ Consult a qualified specialist workshop.
Transmission Malfunction Stop	* The transmission is malfunctioning. The transmission shifts to neutral N automatically. ▶ Stop the vehicle immediately in accordance with the traffic conditions.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Depress the brake pedal. ▶ Engage park position P. ▶ Consult a qualified specialist workshop.
Transmission Malfunction	* The transmission is malfunctioning. The cause could be an overheated clutch or blocked gears. ▶ Let the transmission cool down. ▶ If the display message still appears following a restart, consult a qualified specialist workshop.
 Trans. oil overheated Drive on with care	* The transmission is overheating. When the display message is active, start-up and driving characteristics may be temporarily impaired. ▶ Drive at low engine speed. ▶ Avoid sporty driving. ▶ Before pulling away on uphill gradients, let the transmission cool down until the display message disappears.
 Parking lock inoperative Apply the parking brake	* The transmission is malfunctioning. Park position P cannot be selected. ▶ Park the vehicle safely. ▶ Use the electric parking brake to secure the vehicle against rolling away.

Display messages	Possible causes/consequences and ▶ Solutions
Teaching in transmission Operate selector lever Brake for XX seconds Risk of vehicle rolling	* The transmission is being taught in. There is a risk of the vehicle rolling away. ▶ Depress and hold the brake pedal until the teach-in process has been completed. The electric parking brake is applied automatically during the teach-in process. ▶ Switch on the vehicle. ▶ Select park position P, transmission position R or neutral N.
Risk of vehicle rolling away Apply parking brake See Owner's Manual	* The transmission position cannot be reliably identified. ▶ Use the electric parking brake to secure the vehicle against rolling away.
Teaching in transmission complete	* The transmission's teach-in process is complete. All transmission positions can be selected again.
Transmission Malfunction Visit workshop	* The transmission is malfunctioning. Consult a qualified specialist workshop.
Auxiliary battery malfunction (white display message)	* The auxiliary battery for the automatic transmission is no longer being charged. ▶ Consult a qualified specialist workshop. ▶ Until then, always select park position P manually before you switch off the vehicle. ▶ Before leaving the vehicle, apply the electric parking brake.
Auxiliary battery malfunction (red display message)	* **Vehicles with automatic transmission:** The auxiliary battery for the transmission is no longer being charged. ▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ **Vehicles with automatic transmission:** until then, always select park position P before you switch off the vehicle. ▶ Before leaving the vehicle, apply the electric parking brake.

Brakes

Display messages	Possible causes/consequences and ▶ Solutions
 Parking brake See Owner's Manual	* The yellow (P) indicator lamp is lit. The electric parking brake is malfunctioning. **To apply:** ▶ Switch the vehicle off and switch it back on ▶ Apply the electric parking brake manually (→ page 225). If it is not possible to apply the electric parking brake: ▶ Consult a qualified specialist workshop. ▶ Where necessary, also secure the parked vehicle against rolling away. * The yellow (P) indicator lamp and the red (P) indicator lamp are lit. The electric parking brake is malfunctioning. **To release:** ▶ Switch the vehicle off and switch it back on ▶ Release the electric parking brake manually (→ page 225). or

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Release the electric parking brake automatically (→ page 225). If it is still not possible to release the electric parking brake: ▶ Do not continue driving. Consult a qualified specialist workshop. * The yellow Ⓟ indicator lamp is lit and the red Ⓟ indicator lamp is flashing. The electric parking brake is malfunctioning. The electric parking brake could not be applied or released. ▶ Switch the vehicle off and switch it back on **To apply:** ▶ Release and then apply the electric parking brake manually (→ page 225). **To release:** ▶ Apply and then release the electric parking brake manually. If it is not possible to apply the electric parking brake or the red Ⓟ indicator lamp continues to flash: ▶ Do not continue driving. Consult a qualified specialist workshop. ▶ Where necessary, also secure the parked vehicle against rolling away. * The yellow Ⓟ indicator lamp is lit and the red Ⓟ indicator lamp 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. **If the state of charge is too low:**

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Charge the 12 V battery. **To apply:** ▶ Switch off the vehicle. The electric parking brake will be applied automatically. If you do not want the electric parking brake to be applied, e.g. at an automatic car wash or when the vehicle is being towed, leave the vehicle switched on. This does not include having the vehicle towed with the rear axle raised. If the electric parking brake is not applied automatically: ▶ Switch the vehicle off and switch it back on ▶ Release and then apply the electric parking brake manually (⟶ page 225). If it is still not possible to apply the electric parking brake: ▶ Consult a qualified specialist workshop. ▶ Where necessary, also secure the parked vehicle against rolling away. **To release:** ▶ If the conditions for automatic release are fulfilled and the electric parking brake is not released automatically, release the electric parking brake manually (⟶ page 225). If it is still not possible to release the electric parking brake: ▶ Do not continue driving. Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 Release parking brake	* The red Ⓟ indicator lamp is flashing. The electric parking brake is applied while you are driving: • A condition for automatic release of the electric parking brake has not been fulfilled (→ page 225). • You are performing emergency braking using the electric parking brake (→ page 226). ▶ Check the conditions for automatic release of the electric parking brake. ▶ Release the electric parking brake manually.
 Turn on the ignition to release the parking brake	* The red Ⓟ indicator lamp is lit. You have attempted to release the electric parking brake with the vehicle switched off. ▶ Switch on the vehicle.
 Check brake fluid level	* There is insufficient brake fluid in the brake fluid reservoir. ⚠ **WARNING** Risk of an accident due to low brake fluid level If the brake fluid level is too low, the braking effect and the braking characteristics may be impaired. ▶ Stop the vehicle as soon as possible, paying attention to road and traffic conditions. Do not continue driving. ▶ Consult a qualified specialist workshop. ▶ Do not top up the brake fluid.

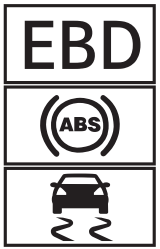
Display messages	Possible causes/consequences and ▶ Solutions
Check brake pads See Owner's Manual	* The brakepads have reached the wear limit. ▶ Consult a qualified specialist workshop.

Driving and driving safety systems

Display messages	Possible causes/consequences and ▶ Solutions
 currently unavailable See Owner's Manual	* 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. ⚠ **WARNING** Risk of skidding if ABS and ESP® are malfunctioning The wheels may lock during braking and ESP® does not perform any vehicle stabilisation. The steerability and braking characteristics are heavily impaired and the braking distance may increase. In addition, other driving safety systems are switched off. ▶ Drive carefully on a suitable stretch of road, making slight steering movements at a speed above 30 km/h. ▶ If the display message does not disappear, consult a qualified specialist workshop immediately. Drive carefully.

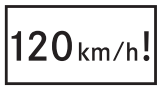
Display messages	Possible causes/consequences and ▶ Solutions
 inoperative See Owner's Manual	* ABS and ESP® are malfunctioning. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning. The brake system will continue to operate normally. Braking distance may increase in an emergency braking situation. **⚠ WARNING** Risk of skidding if ABS and ESP® are malfunctioning 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. ▶ Drive on carefully. ▶ Have ABS and ESP® checked immediately at a qualified specialist workshop.
 currently unavailable See Owner's Manual	* ESP® is temporarily unavailable. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning. **⚠ WARNING** Risk of skidding if ESP is malfunctioning® If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilisation. In addition, other driving safety systems are switched off. ▶ Drive carefully on a suitable stretch of road, making slight steering movements at a speed above 30 km/h.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ If the display message does not disappear, consult a qualified specialist workshop immediately. Drive carefully.
 inoperative See Owner's Manual	* 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. ⚠ **WARNING** Risk of skidding if ESP® is malfunctioning If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilisation. In addition, other driving safety systems are switched off. ▶ Drive on carefully. ▶ Have ESP® checked at a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 inoperative See Owner's Manual	* EBD, ABS and ESP® are malfunctioning. Other driving systems and driving safety systems (e.g. BAS) may also be malfunctioning. **⚠ WARNING** Risk of skidding if EBD, ABS and ESP® are malfunctioning 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. ▶ Drive on carefully. ▶ Have the brake system checked immediately at a qualified specialist workshop.
 Off	* 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 233).
 ATTENTION ASSIST inoperative	* ATTENTION ASSIST is malfunctioning. ▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 ATTENTION ASSIST: Take a break!	* ATTENTION ASSIST has detected fatigue or an increasing lack of concentration on the part of the driver (→ page 235). ▶ If necessary, take a break.
 - - - km/h	* Cruise control cannot be activated as not all activation conditions are fulfilled. ▶ Observe the activation conditions for cruise control (→ page 238).
Cruise control inoperative	* Cruise control is malfunctioning. ▶ Consult a qualified specialist workshop.
Cruise control and Limiter inoperative	* Cruise control and the limiter are malfunctioning. ▶ Consult a qualified specialist workshop.
Cruise control off	* Cruise control has been deactivated. If there is an additional warning tone, cruise control has been deactivated automatically (→ page 237).

Display messages	Possible causes/consequences and ▶ Solutions
LIM - - - km/h	* The limiter can temporarily not be engaged. Once the cause of the problem is no longer present, the system will be available again.
Limiter passive	* If you depress the accelerator pedal beyond the pressure point (kickdown), the limiter will switch to passive mode (→ page 238).
Limiter inoperative	* The limiter is malfunctioning. ▶ Consult a qualified specialist workshop.
Speed Limit Assist currently unavailable See Owner's Manual	* Speed Limit Assist is temporarily unavailable. ▶ Drive on Once the cause of the problem is no longer present, the system will be available again.
Speed Limit Assist inoperative	* Speed Limit Assist is malfunctioning. ▶ 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.
Speed limit (winter tyres) XXX km/h	* You have reached the maximum permissible stored speed for winter tyres. It is not possible to exceed this speed.

Display messages	Possible causes/consequences and ▶ Solutions
 Maximum speed exceeded	* You have exceeded the maximum permissible speed (for certain countries only). ▶ Drive more slowly.
Traffic Sign Assist currently unavailable See Owner's Manual	* Traffic Sign Assist is temporarily unavailable. 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	* Traffic Sign Assist is malfunctioning. ▶ 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.
 Fault Drive at max. 80 km/h	* The adjustable damping is malfunctioning. The vehicle's handling characteristics may be affected. ▶ No faster than 80 km/h. ▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 inoperative	* The Downhill Speed Regulation is malfunctioning. ▶ Consult a qualified specialist workshop.
 Max. speed 40 km/h	* The maximum speed of 40 km/h for the Downhill Speed Regulation has been exceeded. ▶ Drive more slowly.
 Not possible in current drive program	* The Downhill Speed Regulation is not available in the currently selected drive program. ▶ Change the drive program.

Driver assistance systems

Display messages	Possible causes/consequences and ▶ Solutions
 --- km/h	* Active Distance Assist DISTRONIC cannot be activated as not all activation conditions are fulfilled. ▶ Comply with the activation conditions of Active Distance Assist DISTRONIC (→ page 243).
 suspended	* If you depress the accelerator pedal beyond the setting of Active Distance Assist DISTRONIC, the system will switch to passive mode (→ page 240).
 Off	* Active Distance Assist DISTRONIC was deactivated. If a warning tone also sounds, Active Distance Assist DISTRONIC has deactivated automatically (→ page 243).
Active Distance Assist currently unavailable See Owner's Manual	* Active Distance Assist DISTRONIC is temporarily unavailable. The ambient conditions are outside the system limits (→ page 240). As soon as the ambient conditions are within the system limits, the system will become available again. ▶ Drive on carefully. or

Display messages	Possible causes/consequences and ▶ Solutions
	▶ If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.
Active Distance Assist inoperative	* Active Distance Assist DISTRONIC is malfunctioning. Other driving systems and driving safety systems may also be malfunctioning. ▶ 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.
Active Distance Assist available again	* Active Distance Assist DISTRONIC is operational again. ▶ Switch on Active Distance Assist DISTRONIC (→ page 243).
Active Brake Assist Functions limited See Owner's Manual	* For vehicles with the Driving Assistance Package, the following functions may be temporarily unavailable or only partially available: • Active Brake Assist with cross-traffic function • Evasive Steering Assist • PRE-SAFE® PLUS **Vehicles without the Driving Assistance Package:** Active Brake Assist is temporarily unavailable or only partially available. ▶ Drive on carefully.

Display messages	Possible causes/consequences and ▶ Solutions
	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 Steering Assist currently unavailable See Owner's Manual	* Active Steering Assist is temporarily unavailable. The ambient conditions are outside the system limits (→ page 248). As soon as the ambient conditions are within the system limits, the system will become available again. ▶ Drive on ▶ Check the tyre pressure if necessary.
Active Steering Assist inoperative	* Active Steering Assist is malfunctioning. Active Distance Assist DISTRONIC remains available. ▶ 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 Steering Assist currently unavailable due to multiple emergency stops	* Active Steering Assist is temporarily unavailable due to multiple emergency stops. ▶ Take over the steering and stop in accordance with the traffic conditions. ▶ Switch the vehicle off and switch it back on Active Steering Assist is available once more.
Beginning emergency stop	* Your hands are not on the steering wheel. An emergency stop is being initiated (→ page 250).

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Put your hands back on the steering wheel. You can cancel the deceleration at any time by performing one of the following actions: • Steering • Braking or accelerating • Deactivating Active Distance Assist DISTRONIC
	* Active Steering Assist has reached the system limits (→ page 248). You have not steered independently for a considerable period of time. ▶ Take over the steering and drive on in accordance with the traffic conditions.
Blind Spot Assist currently unavailable See Owner's Manual	* Blind Spot Assist is temporarily unavailable. The system limits have been reached (→ page 259). Once the cause of the problem is no longer present, the system will be available again. ▶ Drive on or ▶ If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.
Blind Spot Assist inoperative	* Blind Spot Assist is malfunctioning. ▶ Drive on or

Display messages	Possible causes/consequences and ▶ Solutions
	▶ 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.
Blind Spot Assist not available when towing a trailer See Owner's Manual	* When you establish the electrical connection to the trailer, Blind Spot Assist will be unavailable. ▶ Press the left-hand Touch Control and acknowledge the display message.
Active Blind Spot Assist currently unavailable See Owner's Manual	* Active Blind Spot Assist is temporarily unavailable. The system limits have been reached (→ page 259). Once the cause of the problem is no longer present, the system will be available again. ▶ Drive on or ▶ 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	* Active Blind Spot Assist is malfunctioning. ▶ 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
Active Blind Spot Assist not available when towing a trailer See Owner's Manual	* When you establish the electrical connection to the trailer, Active Blind Spot Assist will be unavailable. ▶ Press the left-hand Touch Control and acknowledge the display message.
Active Lane Keeping Assist currently unavailable See Owner's Manual	* Active Lane Keeping Assist is temporarily unavailable. The ambient conditions are outside the system limits (→ page 262). As soon as the ambient conditions are within the system limits, the system will become available again. ▶ Drive on
Active Lane Keeping Assist inoperative	* Active Lane Keeping Assist is malfunctioning. ▶ 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
 temporarily unavailable Sensors dirty	* Front and corner radar sensors (hereafter "sensors") are malfunctioning. Possible causes: • The sensors are dirty • Heavy rain or snow • Extended country driving without other traffic, e.g. in the desert Driving systems and driving safety systems may be malfunctioning or temporarily unavailable. The brake system, steering and drive system will continue to function normally. ▶ Drive on carefully. 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. If the display message does not disappear: ▶ Stop the vehicle in accordance with the traffic conditions. ▶ Clean all sensor covers from outside (→ page 228). ▶ Restart the vehicle.

Display messages	Possible causes/consequences and ▶ Solutions
 temporarily unavailable Camera view restricted	* The view of the multifunction camera is restricted. Possible causes: • Dirt on the windscreen in the field of vision of the multifunction camera • Heavy rain, snow or fog • Mist on the inside of the windscreen: in certain weather conditions, mist can form on the inside of the windscreen during cold times of year in particular. ⓘ This mist on the windscreen will be removed automatically within a short time with the aid of a heater. The restriction is temporary. Driving systems and driving safety systems may be malfunctioning or temporarily unavailable. The brake system, steering and drive system will continue to function normally. ▶ Drive on carefully. 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. If the display message does not disappear: ▶ Stop the vehicle in accordance with the traffic conditions. ▶ Clean the windscreen, especially in the position of the multifunction camera (→ page 228). ▶ Restart the vehicle.
Active Brake Assist Functions currently limited See Owner's Manual	* **Vehicles with the Driving Assistance Package:** Active Brake Assist with cross-traffic function, Evasive Steering Assist or PRE-SAFE® PLUS are temporarily unavailable or only partially available. **Vehicles without the Driving Assistance Package:** Active Brake Assist is temporarily unavailable.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Drive on carefully. As soon as the ambient conditions are within the system limits, the system will become available again. or ▶ If the display message does not disappear, stop the vehicle in accordance with the traffic conditions and restart the vehicle.
PRE-SAFE inoperative See Owner's Manual	* The PRE-SAFE® functions are malfunctioning. ▶ Consult a qualified specialist workshop.

Parking assistance systems

Display messages	Possible causes/consequences and ▶ Solutions
Parking Assist and PARKTRONIC inoperative See Owner's Manual	* **Vehicles with Active Parking Assist:** Active Parking Assist and Parking Assist PARKTRONIC are malfunctioning. **Vehicles without Active Parking Assist:** Parking Assist PARKTRONIC is malfunctioning. ▶ Stop the vehicle in accordance with the traffic conditions and restart the vehicle. ▶ If the display message still appears, consult a qualified specialist workshop.

Mercedes-Benz emergency call system

Display messages	Possible causes/consequences and ▶ Solutions
 Inoperative	* The Mercedes-Benz emergency call system is malfunctioning. The Mercedes me connect system is also malfunctioning. ▶ Consult a qualified specialist workshop.
Device detected at diagnostics connection See Owner's Manual	* The vehicle functions for fault detection are restricted. At least one of the main functions of the Mercedes me connect system is malfunctioning. ▶ Observe the notes on the diagnostics connection (→ page 34). ▶ Consult a qualified specialist workshop.

Battery

Display messages	Possible causes/consequences and ▶ Solutions
 12 V battery See Owner's Manual	* The vehicle is off and the state of charge of the 12 V battery is too low. ▶ Switch off electrical consumers that are not required. ▶ Drive for 30–60 mins. or ▶ Charge the 12 V battery when stationary (→ page 375).

Display messages	Possible causes/consequences and ▶ Solutions
	* If the message appears while the vehicle is switched on, this indicates an on-board electrical system malfunction. ▶ Consult a qualified specialist workshop.
 See Owner's Manual	* The 12 V battery is not being charged. ! **NOTE** Possible engine damage if you continue driving ▶ Do not continue driving under any circumstances. ▶ Consult a qualified specialist workshop. ▶ Stop immediately in accordance with the traffic conditions and switch off the vehicle. ▶ Consult a qualified specialist workshop.
 Stop vehicle See Owner's Manual	* The 12 V battery is no longer being charged and the state of charge is too low. ! **NOTE** Possible engine damage if you continue driving ▶ Do not continue driving under any circumstances. ▶ Consult a qualified specialist workshop. ▶ Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. ▶ Switch off the vehicle. ▶ Consult a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
 Stop vehicle Leave engine running	* The state of charge of the 12 V battery is too low. ▶ Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. ▶ Leave the engine running. ▶ If the display message disappears: drive on. ▶ If the display message does not disappear: consult a qualified specialist workshop.

Tyre pressure monitor

Display messages	Possible causes/consequences and ▶ Solutions
Tyre press. monitor currently unavailable	* There is interference from a powerful radio signal source As a result, no signals from the tyre pressure sensors are being received. The tyre pressure monitoring system is temporarily unavailable. The tyre pressure monitoring system will restart automatically as soon as the cause has been rectified. ▶ Drive on
Tyre press. monitor inoperative	* The tyre pressure monitoring system is malfunctioning. **⚠ WARNING** There is a risk of an accident if the tyre pressure monitoring system is malfunctioning The tyre pressure monitoring system cannot issue a warning if there is pressure loss in one or more of the tyres. Tyres with insufficient tyre pressure may impair the driving characteristics as well as steering and braking. ▶ Have the tyre pressure monitoring system checked at a qualified specialist workshop.

Display messages	Possible causes/consequences and ▶ Solutions
Tyre press. monitor inoperative No wheel sensors	* The wheels fitted do not have suitable tyre pressure sensors. The tyre pressure monitoring system is deactivated. ▶ Fit wheels with suitable tyre pressure sensors.
 Wheel sensor(s) missing	* There is no signal from the tyre pressure sensor in at least one wheel. No pressure value is displayed for the affected tyre. ▶ Have the faulty tyre pressure sensor replaced at a qualified specialist workshop.
 Check tyre(s)	* The tyre pressure in one or more tyres has dropped significantly. The wheel position is displayed. A warning tone will also sound. ⚠ **WARNING** Risk of an accident due to insufficient tyre pressure • The tyres can burst. • The tyres can wear excessively and/or unevenly. • The driving characteristics as well as the steering and braking may be greatly impaired. You could then lose control of the vehicle. ▶ Observe the recommended tyre pressures. ▶ Adjust the tyre pressure if necessary. ▶ Stop the vehicle in accordance with the traffic conditions. ▶ Check the tyre pressure (→ page 387) and the tyres.

Display messages	Possible causes/consequences and ▶ Solutions
 Rectify tyre pressure	* The tyre pressure is too low in at least one of the tyres, or the difference in tyre pressure between the individual wheels is too great. ▶ Check the tyre pressure and add air, if necessary. ▶ When the tyre pressure is correct, restart the tyre pressure monitor (→ page 390).
 Warning tyre defect	* The pressure in one or more tyres has dropped suddenly. The wheel position is displayed. **⚠ WARNING** Risk of an accident from driving with a flat tyre • The tyres can overheat and be damaged. • The driving characteristics as well as the steering and braking characteristics may be greatly impaired. You could then lose control of the vehicle. ▶ Do not drive with a flat tyre. ▶ Do not exceed the maximum permissible driving distance in emergency mode and the maximum permissible speed with a flat MOExtended tyre. ▶ Observe the notes on flat tyres. Notes on flat tyres (→ page 365). ▶ Stop the vehicle in accordance with the traffic conditions. ▶ Check the tyres.

Display messages	Possible causes/consequences and ▶ Solutions
 Tyre(s) overheated	* At least one tyre is overheating. The affected tyres are displayed in red. At temperatures close to the limit value, the tyres are displayed in yellow. ⚠ **WARNING** Risk of an accident from driving with overheated tyres Overheated tyres can burst. ▶ Reduce speed so that the tyres cool down.
 Reduce speed	* At least one tyre is overheating. The affected tyres are displayed in red. At temperatures close to the limit value, the tyres are displayed in yellow. ⚠ **WARNING** Risk of an accident from driving with overheated tyres Overheated tyres can burst. ▶ Reduce speed so that the tyres cool down.

Tyre pressure loss warning system

Display messages	Possible causes/consequences and ▶ Solutions
Tyre pressure Check tyres	* The tyre pressure loss warning system has detected a significant loss of pressure.

Display messages	Possible causes/consequences and ▶ Solutions
	⚠ **WARNING** Risk of an accident due to insufficient tyre pressure • The tyres can burst. • The tyres can wear excessively and/or unevenly. • The driving characteristics as well as the steering and braking may be greatly impaired. You could then lose control of the vehicle. ▶ Observe the recommended tyre pressures. ▶ Adjust the tyre pressure if necessary. ▶ Stop the vehicle in accordance with the traffic conditions. ▶ Check the tyre pressure (→ page 387) and the tyres. ▶ When the tyre pressure is correct, restart the tyre pressure loss warning system (→ page 390).
Check tyre pressures then restart Run Flat Indicator	* The tyre pressure loss warning system generated a display message and has not been restarted since. ▶ When the tyre pressure is correct, restart the tyre pressure loss warning system (→ page 390).
Run Flat Indicator inoperative	* The tyre pressure loss warning system is malfunctioning. ▶ Consult a qualified specialist workshop.

Exhaust gas aftertreatment

Display messages	Possible causes/consequences and ▶ Solutions
 Refill AdBlue See Owner's Manual	* The AdBlue® level has fallen into the reserve range. ▶ Top up at least 5 l of AdBlue® (→ page 200).
 Top up AdBlue Emergency op. in XXX miles See Owner's Manual	* The low AdBlue® level will lead to limited performance after the remaining distance displayed has been covered. ▶ Refill with at least 5 l of AdBlue®(→ page 200).
 XX,X l Top up AdBlue Emer. op.: max. XXX km/h Start not poss. in XXX km	* The low AdBlue® level will lead to limited performance from the speed displayed. After the remaining distance displayed has been covered, it will no longer be possible to start the vehicle. ▶ Top up with at least the indicated amount of AdBlue® (→ page 200).

Display messages	Possible causes/consequences and ▶ Solutions
 XX,X l Top up AdBlue Switch on ignition, wait 60 sec. or eng. start not poss.	* The AdBlue® tank is empty. You can no longer start the vehicle. ▶ Top up with at least the indicated amount of AdBlue® (→ page 200). ▶ Switch on the vehicle and wait for approximately 60 seconds. ▶ Start the vehicle.
 AdBlue system fault See Owner's Manual	* The AdBlue® system is malfunctioning. ▶ Consult a qualified specialist workshop immediately.
 AdBlue system fault Emergency op. in XXX miles See Owner's Manual	* The AdBlue® system is malfunctioning. Performance will be reduced once the remaining distance displayed has been covered. ▶ Consult a qualified specialist workshop immediately.

Display messages	Possible causes/consequences and ▶ Solutions
 AdBlue system fault Emer. op.: max. XXX km/h Start not poss. in XXX km	* Power restriction due to the AdBlue® system fault. After the distance displayed has been covered, it will no longer be possible to start the vehicle. ▶ Consult a qualified specialist workshop immediately.
 AdBlue system fault Engine start not possible	* The AdBlue® system is malfunctioning. You can no longer start the vehicle. ▶ Consult a qualified specialist workshop immediately.

Engine oil

Display messages	Possible causes/consequences and ▶ Solutions
 Add 1 litre engine oil when next refuelling	* The engine oil level has dropped to the minimum level. **!** **NOTE** Engine damage caused by driving with insufficient engine oil ▶ Avoid long journeys with insufficient engine oil. ▶ When next refuelling, add 1 litre of engine oil (→ page 351). Notes on engine oil (→ page 418).
 Engine oil level Reduce oil level	* The engine oil level is too high. **!** **NOTE** Engine damage caused by driving with excess engine oil ▶ Avoid long journeys with excess engine oil. ▶ Consult a qualified specialist workshop immediately and have the engine oil level reduced.
 Engine oil level Stop vehicle Switch engine off	* The engine oil level is too low. **!** **NOTE** Engine damage caused by driving with insufficient engine oil ▶ Avoid long journeys with insufficient engine oil. ▶ Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving.

Display messages	Possible causes/consequences and ▶ Solutions
	▶ Switch off the vehicle. ▶ Add 1 l of engine oil (→ page 351). ▶ Check the engine oil level. Notes on engine oil (→ page 418).
 Engine oil pressure Stop Switch off engine	* The oil pressure is too low. **NOTE** Engine damage caused by driving with insufficient oil pressure ▶ Avoid driving with insufficient oil pressure. ▶ Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. ▶ Switch off the vehicle. ▶ Consult a qualified specialist workshop.
 Engine oil level cannot be measured	* The electrical connection to the oil level sensor has been interrupted or the oil level sensor is faulty. ▶ 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 behaviour 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.

Standard instrument display



Widescreen cockpit instrument display



Indicator and warning lamps

Occupant safety

- Restraint system (→ page 496)
- Seat belt (→ page 496)

Drive system

- Reduced power (→ page 497)
- System error (→ page 497)
- Electrical fault (→ page 497)

Vehicle

- Trailer hitch (→ page 498)
- Power steering (→ page 498)

Engine

- Vehicles with a widescreen cockpit: coolant temperature (→ page 500)
- Engine diagnostics (→ page 500)
- Vehicles with a diesel engine: preglow
- Electrical fault (→ page 500)
- Reserve fuel with fuel filler flap location indicator (→ page 500)

Brakes

- Electric parking brake (yellow) (→ page 503)
- Electric parking brake (red) (→ page 503)
- Brakes (yellow) (→ page 503)
- Brakes (red) (→ page 503)

Driving and driving safety systems

- ABS (→ page 505)
- ESP® (→ page 505)
- ESP® OFF (→ page 505)

 Distance warning (→ page 505)

 Active Brake Assist (→ page 505)

 Active Brake Assist (→ page 505)

Tyre pressure monitoring system

 Tyre pressure monitoring system (→ page 508)

Exterior lighting

 Standing lights (→ page 139)

 Low beam (→ page 139)

 High beam (→ page 141)

  Turn signal lights (→ page 141)

 Front fog lamps (→ page 139)

 Rear fog light (→ page 139)

Symbols on the media display

 Drive Away Assist (→ page 279)

 Cross Traffic Alert (→ page 280)

Occupant safety

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Restraint system warning lamp	* 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 intended in an accident. ▶ Have the restraint system checked and repaired immediately at a qualified specialist workshop. **Plug-in hybrid:** **⚠ DANGER** Risk of fatal injuries due to restraint system malfunctions Components in the restraint system may be activated unintentionally or not deploy as planned in an accident. In the event of an accident, the high-voltage on-board electrical system may not be deactivated as intended. You may suffer 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 instrument display. ▶ Consult a qualified specialist workshop immediately.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Seat belt warning lamp flashes	* The red seat belt warning lamp flashes and an intermittent warning tone sounds. The driver or front passenger has not fastened their seat belt while the vehicle is in motion. ▶ Fasten your seat belt (→ page 45). There are objects on the front passenger seat. ▶ Remove the objects from the front passenger seat.
 Seat belt warning lamp lights up	* The red seat belt warning lamp lights up once the vehicle has started. In addition, an intermittent warning tone may sound. The red seat belt warning lamp reminds the driver and front passenger to fasten their seat belts. ▶ Fasten your seat belt (→ page 45). If you have placed objects on the front passenger seat, the red seat belt warning lamp may remain lit.

Hybrid system

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Reduced-power warning lamp	* The yellow reduced-power warning lamp is on. Drive system power output is reduced. ▶ Note the messages on the instrument display.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 System error warning lamp	* The red system error warning lamp is lit while the vehicle is in a state of operational readiness READY. There is a malfunction in the drive system. ▶ Note the messages on the instrument display.
 Electrical fault warning lamp	* The red electrical fault warning lamp is lit. There is a fault with the electrics. ▶ Note the messages on the instrument display.

Vehicle

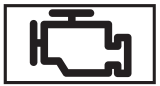
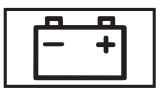
Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Power steering warning lamp (red)	* The red power steering warning lamp is lit while the vehicle is running. The power assistance or the steering itself is malfunctioning. ⚠ **WARNING** Risk of accident if steering capability is impaired If the steering does not function as intended, the vehicle's operating safety is jeopardised. ▶ 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.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
	▶ Consult a qualified specialist workshop. ▶ Note the messages on the instrument display.
 Trailer hitch warning lamp	* The red trailer hitch warning lamp is lit. The trailer hitch is not operational. ⚠ **WARNING** Risk of an accident if the ball neck is not locked The trailer may become detached. ▶ Stop the vehicle immediately in accordance with the traffic conditions. Do not continue driving. ▶ Uncouple the trailer and secure it against rolling away. ▶ Initiate a new swivelling procedure and do not re-couple the trailer until the display message disappears. ▶ Note the messages on the instrument display.

Engine

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Coolant warning lamp (red)	* The red coolant warning lamp is lit while the engine is running. Possible causes: • The temperature sensor is malfunctioning • The coolant level is too low • The air supply to the radiator is obstructed • The radiator fan is faulty • The engine coolant pump is faulty If there is an additional warning tone, the coolant temperature has exceeded 120°C. ⚠ **WARNING** Risk of burns when opening the bonnet If you open the bonnet 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 bonnet, allow the engine to cool down. ▶ In the event of a fire in the engine compartment, keep the bonnet closed and call the fire service. ▶ Stop immediately in accordance with the traffic conditions and switch off the vehicle. Do not continue driving.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
	▶ Note the messages on the instrument display. **If the coolant temperature display is at the lower end of the temperature scale:** ▶ Consult a qualified specialist workshop. **If the coolant temperature display is at the upper end of the temperature scale:** ▶ Exit the vehicle and keep a safe distance from it until the engine has cooled down. ▶ Check the coolant level (⟶ page 352). ▶ 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 120°C.
 Coolant warning lamp (yellow)	* The yellow coolant warning lamp is lit while the engine is running. Possible causes: • The temperature sensor is malfunctioning • The charge air, transmission oil or battery cooling is faulty • The radiator shutters are blocked or defective ▶ Avoiding high loads on the engine, drive to the nearest qualified specialist workshop.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Engine diagnostics warning lamp	* 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. The emissions limit value may have been exceeded and the engine may be running in emergency operation mode. ▶ Have the vehicle checked as soon as possible at a qualified specialist workshop. **Vehicles with a diesel engine:** the fuel tank may have been run dry. ▶ Start the engine three to four times after refuelling. If the yellow engine diagnosis warning lamp goes out, emergency operation mode is cancelled. The vehicle need not be checked.
 Electrical fault warning lamp	* The red electrical fault warning lamp is lit. There is a fault in the electrics. ▶ Note the messages on the instrument display.
 Fuel reserve warning lamp lights up	* The yellow fuel reserve warning lamp lights up while the engine is running. The fuel supply has dropped into the reserve range. ▶ Refuel.

Brakes

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Electric parking brake indicator lamp (red)  Electric parking brake indicator lamp (yellow)	* The red electric parking brake indicator lamp flashes or is lit. The yellow electric parking brake indicator lamp is also lit in the event of a malfunction. ▶ Note the messages on the instrument display.
 Brakes warning lamp (yellow)	* The yellow brakes warning lamp is lit while the vehicle is running. ⚠ **WARNING** Risk of an accident due to a brake system malfunction If the brake system is malfunctioning, braking characteristics may be impaired. ▶ Drive on carefully. ▶ Have the brake system checked immediately at a qualified specialist workshop. ▶ Adjust your speed and drive on carefully, leaving a suitable distance to the vehicle in front. ▶ If the instrument display shows a display message, observe it.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
	▶ Consult a qualified specialist workshop.
 Brakes warning lamp (red)	* The red brakes warning lamp is lit while the vehicle is running. Possible causes: • The brake force boosting is malfunctioning and the braking characteristics may be affected. • There is insufficient brake fluid in the brake fluid reservoir. ▶ Note the messages on the instrument display. **⚠ WARNING** Risk of accident and injury if brake force boosting is malfunctioning 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. ▶ Stop in a safe location immediately. Do not continue driving! ▶ Consult a qualified specialist workshop. **⚠ WARNING** Risk of an accident due to low brake fluid level If the brake fluid level is too low, the braking effect and the braking characteristics may be impaired. ▶ Stop the vehicle as soon as possible, paying attention to road and traffic conditions. Do not continue driving. ▶ Consult a qualified specialist workshop. ▶ Do not top up the brake fluid.

Driving and driving safety systems

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 ABS warning lamp	* The yellow ABS warning lamp is lit while the vehicle is running. ABS is malfunctioning. If an additional warning tone sounds, EBD is malfunctioning. Other driving systems and driving safety systems may also be malfunctioning. ▶ Note the messages on the instrument display. **⚠ WARNING** There is a risk of skidding if EBD or ABS is malfunctioning The wheels may lock during braking. The steerability and braking characteristics are heavily impaired and the braking distance may increase. In addition, other driving safety systems are switched off. ▶ Drive on carefully. ▶ Have the brake system checked immediately at a qualified specialist workshop.
 ESP® warning lamp flashes	* The yellow ESP® warning lamp flashes while the vehicle is in motion. One or more wheels have reached their grip limit (→ page 230). ▶ Adapt your driving style to suit the road and weather conditions.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 ESP® warning lamp lights up	* 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. ▶ Note the messages on the instrument display. **⚠ WARNING** Risk of skidding if ESP® is malfunctioning If ESP® is malfunctioning, ESP® cannot carry out vehicle stabilisation. In addition, other driving safety systems are switched off. ▶ Drive on carefully. ▶ Have ESP® checked at a qualified specialist workshop.
 ESP® OFF warning lamp	* The yellow ESP® OFF warning lamp is lit while the vehicle is running. ESP® is deactivated. Other driving systems and driving safety systems may also be inoperative. **⚠ WARNING** Risk of skidding when driving with ESP® deactivated ESP® does not act to stabilise the vehicle. The availability of further driving safety systems is also limited. ▶ Drive on carefully. ▶ Deactivate ESP® only for as long as the situation requires.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
	If ESP® cannot be activated, ESP® is malfunctioning. ▶ Have ESP® checked immediately at a qualified specialist workshop. ▶ Observe the notes on deactivating ESP® (→ page 230).
 Warning lamp for distance warning	* 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. ▶ Be prepared to brake immediately. ▶ Increase the distance. Function of Active Brake Assist (→ page 250).
 Active Brake Assist warning lamp	* 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. ▶ Note the messages on the instrument display.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Active Brake Assist warning lamp	* 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 another driving system has been activated. ▶ Observe the notes on Active Brake Assist (⟶ page 250).

Tyre pressure monitor

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Tyre pressure monitoring system warning lamp flashes	*The yellow tyre pressure monitor warning lamp (pressure loss/malfunction) flashes for approximately one minute and then remains lit. The tyre pressure monitoring system is malfunctioning. ⚠ **WARNING** There is a risk of an accident if the tyre pressure monitoring system is malfunctioning The tyre pressure monitoring system cannot issue a warning if there is pressure loss in one or more of the tyres. Tyres with insufficient tyre pressure may impair the driving characteristics as well as steering and braking. ▶ Have the tyre pressure monitoring system checked at a qualified specialist workshop.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Tyre pressure monitoring system warning lamp lights up	* The yellow tyre pressure monitoring system warning lamp (pressure loss/malfunction) is lit. The tyre pressure monitoring system has detected tyre pressure loss in at least one of the tyres. ⚠ **WARNING** Risk of an accident due to insufficient tyre pressure • The tyres can burst. • The tyres can wear excessively and/or unevenly. • The driving characteristics as well as the steering and braking may be greatly impaired. You could then lose control of the vehicle. ▶ Observe the recommended tyre pressures. ▶ Adjust the tyre pressure if necessary. ▶ Stop the vehicle in accordance with the traffic conditions. ▶ Check the tyre pressure and the tyres.

1, 2, 3 ...

4MATIC ... 194

360° Camera
- Function ... 267
- Switching automatic mode on/off (reversing camera) ... 270

A

A/C function
- Activating/deactivating (operating unit) ... 159
- Switching on/off (MBUX) ... 159

ABS ... 229

Acceleration
- Kickdown ... 193

Accident
- ERA-GLONASS test mode ... 337

Accident, emergency call ... 333, 334

Activating/deactivating the acoustic locking verification signal ... 81

Active Blind Spot Assist
- Brake application ... 261
- Exit warning ... 259
- Function ... 259
- Trailer operation ... 261

Active bonnet ... 347

Active bonnet (pedestrian protection)
- Resetting ... 347

Active Brake Assist
- Function ... 250
- Setting ... 255

Active Distance Assist DISTRONIC
- Activate/deactivate variable limiter ... 243
- Activating/deactivating ... 243
- Active Emergency Stop Assist ... 250
- Calling up a speed ... 243
- Function ... 240
- Increasing/decreasing the speed ... 243
- Route-based speed adaptation ... 245
- Storing a speed ... 243

Active Emergency Stop Assist ... 250

Active headlamps ... 142

Active Lane Keeping Assist
- Activating/deactivating ... 264
- Function ... 262
- Setting the sensitivity ... 264
- Trailer operation ... 262

Active light function ... 142

Active Parking Assist
- Exiting a parking space ... 278
- Function ... 275
- Parking ... 276

Active Service System PLUS ... 345

Active Speed Limit Assist ... 244

Active Steering Assist
- Activating/deactivating ... 249
- Active Emergency Stop Assist ... 250
- Function ... 248

Adaptive brake lights ... 234

Adaptive cruise control ... 245

Adaptive Highbeam Assist
- Activating/deactivating ... 145

Adaptive Highbeam Assist Plus
- Switching on/off ... 146

AdBlue®
- Additives ... 417
- Capacity ... 418
- Notes ... 199
- Purity ... 417
- Topping up ... 200

Additional door lock ... 83

Additives
- AdBlue® ... 200, 417
- Engine oil ... 418
- Fuel ... 415

After-sales service ... 345

Air conditioning menu
- Air distribution ... 160
- Calling up ... 159
- Climate control ... 159
- Stationary heater/ventilation ... 165

Air distribution
- Setting ... 158, 160

Air inlet ... 354

Air pressure ... 387

Air vents
- Setting ... 165

Air/water duct ... 354

Airbag
- Front airbag ... 58
- Inflating ... 52
- Overview ... 58
- PASSENGER AIR BAG indicator lamps ... 47
- Warning lamp ... 45

Airflow
- Setting ... 158

Alarm system ... 101

All-wheel drive ... 194

Alternative route ... 314

Ambient lighting ... 147

Animals ... 54

Anti-lock braking system ... 229

Anti-theft alarm system ... 101

Anti-theft protection
- Additional door lock ... 83
- Immobiliser ... 101

Anticipatory operating-mode strategy, Route-based ... 185

Apps, Mercedes me
- Mercedes me calls ... 323
- Mercedes me connect ... 327

Assembly licence plate, front ... 29

Assistance system ... 228

ASSYST PLUS
- Battery disconnection periods ... 346
- Service interval display ... 345
- Service requirements ... 345

ATA
- Deactivating the alarm ... 102
- Function ... 101
- Interior protection ... 103
- Interior protection function ... 102
- Tow-away protection ... 102
- Tow-away protection function ... 102

ATTENTION ASSIST
- Function ... 235
- Setting ... 237

Attention assistant ... 235

Authorised workshop ... 36

Automatic car wash ... 354

Automatic car wash mode ... 356

Automatic climate control ... 159

Automatic co-driver airbag shutoff
- Function ... 49

Automatic distance control ... 240

Automatic driving lights ... 140

Automatic emergency call ... 334
Automatic engine start/stop ... 180
Automatic front passenger airbag shutoff
Information (child restraint system on the front passenger seat) ... 64
PASSENGER AIR BAG indicator lamps ... 47
Automatic measures after an accident ... 51
Automatic mirror folding function ... 157
Automatic transmission
DIRECT SELECT lever ... 190
Drive programs ... 186
DYNAMIC SELECT switch ... 186
Engages neutral ... 191
Engaging drive position ... 192
Engaging reverse gear ... 191
Faulty gear shift ... 192
Gear shift ... 190
Kickdown ... 193
Manual shifting ... 192
Selecting park position ... 191
Steering wheel gearshift paddles ... 192
Transmission position display ... 190
Transmission positions ... 190
Autonomous braking ... 250
Axle load
Trailer operation ... 426

B

Bag hook ... 130
Ball neck
Folding out/in ... 282
Trailer coupling ... 283
BAS ... 230
Basic information ... 42
Battery
High-voltage battery ... 373
Battery (12 V battery)
Charging ... 375
Notes ... 372
Notes (starting assistance and charging) ... 373
Replacing ... 376
Starting assistance ... 375
Battery (high-voltage on-board electrical system) ... 423
Battery (key) ... 82
Battery (starter battery)
Charging via Remote Online ... 173
Battery operation ... 167
Belt
Fastening ... 45
Notes on wearing correctly ... 44
Releasing ... 57
Bicycle rack
Load capacity ... 426
Trailer operation ... 285
Blind Spot Assist
Activating/deactivating ... 262
Function ... 259
BlueTec
AdBlue® ... 199
Bluetooth®
Connecting a mobile phone ... 322
Bonnet
Active bonnet ... 347
Opening/closing ... 348
Resetting (active bonnet) ... 347
Brake Assist
Active Brake Assist ... 250

Brake Assist System ... 230
Brake Assist System ... 230
Brake disks ... 174
Brake fluid ... 420
Brake force distribution ... 233
Brake lamps
Adaptive brake lights ... 234
Brake pads ... 174
Brakes
ABS (Anti-lock Braking System) ... 229
Active Brake Assist ... 250
Adaptive brake lights ... 234
BAS (Brake Assist System) ... 230
Driving tips ... 174
EBD (Electronic Brakeforce Distribution) ... 233
Electric parking brake ... 224, 225, 226
Handbrake ... 224, 225, 226
HOLD function ... 233
Limited braking effect (salt-treated roads) ... 174
New/replaced brake pads/brake discs ... 174
Parking brake ... 224, 225, 226
Post-collision brake ... 51, 52
Recuperation ... 182
Running-in notes ... 174
Braking assistance
Brake Assist System ... 230
Breakdown
Flat tyre ... 365
Overview of aids ... 20
Tow-starting ... 382
Towing methods ... 378
Transporting the vehicle ... 380
Wheel change ... 396

C

Calling the customer centre for Mercedes-Benz ... 323
Calls
Mercedes me ... 322
Telephone menu ... 322
Using overhead control panel ... 322
Camera
360° Camera ... 267
Cleaning ... 358
Information ... 228
Opening the camera cover (reversing camera) ... 270
Reversing camera ... 265
Selecting the view ... 270
Car key ... 80
Car wash
Automatic car wash ... 354
High-pressure cleaner ... 356
Washing by hand ... 357
Car-to-X-Communication
Display on map ... 316
Care
Air/water duct ... 354
Automatic car wash ... 354
Camera ... 358
Car parts ... 358
Decorative foil ... 357
Display ... 360
Exterior lighting ... 358
Head-up display ... 360
High-pressure cleaner ... 356
Paint ... 357
Plastic trim ... 360
Real wood/trim elements ... 360

Roof lining ... 360
Seat belt ... 360
Steering wheel ... 360
Trailer hitch ... 358
Vehicle interior ... 360
Vehicle socket for the high-voltage battery ... 358
Washing by hand ... 357
Wheels/rims ... 358

Caring for plastic trim ... 360

Caring for rims ... 358

Caring for the roof lining ... 360

Caring for the steering wheel ... 360

Carrier ... 120

Central locking system
Button ... 84
Key ... 81

Changing bulbs
Fitting/removing cover (front wheel arch) ... 149
Overview ... 149

Changing illuminants
Notes ... 148

Charge level display ... 220

Charge level/charge display ... 220

Charging
12 V battery ... 375
Charge level display ... 220
Charging cable control panel ... 209
Charging station, mode 3 ... 207
Ending the charging process (alternating current, mode 2/3) ... 215
Ending the charging process (direct current, mode 4) ... 219
Indicator lamps on vehicle socket ... 211
Mains socket, mode 2 ... 206
Notes on charging the high-voltage battery ... 202
Notes on the high-voltage battery ... 373
Rapid charging station, mode 4 ... 208
Setting the charging process ... 309
Setting the maximum permissible charging current (mains socket) ... 209
Starting the charging process (alternating current, mode 2/3) ... 212
Starting the charging process (direct current, mode 4) ... 217
Stowing the charging cable ... 205
USB port ... 123, 135
Wallbox, mode 3 ... 207

Charging cable
Control panel ... 209
Stowing ... 205

Checking the coolant level ... 352

Child safety lock
Rear door ... 77
Side window (rear) ... 78

Child seat
Adjusting the vehicle seat ... 72
Approval categories ... 66
Basic instructions ... 60
Brief overview of most important points ... 59
Fitting ISOFIX/i-Size ... 74
Front passenger seat ... 63
Overview of warning stickers ... 63
Rearward-facing ... 66
Recommendations for child restraint systems ... 68
Risks/dangers ... 61
Seats suitable for belt-secured child restraint systems ... 71

Seats suitable for i-Size child restraint systems 70
Seats suitable for ISOFIX child restraint systems 69
Securing to the front passenger seat with the seat belt 76
Securing to the rear seat with the seatbelt 76
Top Tether 75
Without automatic co-driver airbag sh utoff 66

Children
Avoiding dangers in the vehicle 61
Basic instructions 60

Chock 395

City lighting 143

Clean varnish 357

Cleaning
Air/water duct 354
Automatic car wash 354
Car parts 358
Decorative foil 357
High-pressure cleaner 356
Paint 357
Real wood/trim elements 360
Sensors 358
Vehicle interior 360
Vehicle socket for the high-voltage battery 358
Washing by hand 357

Cleaning carpets 360

Cleaning seat covers 360

Climate control
Activating/deactivating 159
Activating/deactivating the A/C function (control panel) 159
Activating/deactivating the synchronisation function (control panel) 160
Air vents (front) 165
Air vents (rear) 166
Automatic control 159
Calling up the air conditioning menu 159
Demisting the windscreen 158
Demisting windows 160
Immediate pre-entry climate control 163
Notes 158
Pre-entry climate control for departure time 162
Pre-entry climate control using the key 161
Residual heat 160
Setting (MBUX multimedia system) 159
Setting the air distribution 158
Setting the airflow 158
Setting the vehicle interior temperature 158
Stationary heater/ventilation 164
Switching air-recirculation mode on/off 160
Switching the A/C function on/off (MBUX) 159
Switching the rear window heater on/off 158
Synchronisation function 160
THERMATIC control panel 158
THERMOTRONIC control panel 158
Ventilation with comfort opening 95

Clothes hook 130

Co-driver airbag shutoff, PASSENGER AIR BAG OFF 49

COC papers, Certificate of conformity 404

Cockpit
Dashboard overview 6, 10

Coffee cup symbol 235

Collision detection (parked vehicle)
Setting ... 226
Combination switch
Lights ... 141
Windscreen wipers ... 150
Commuter route ... 314
Components subject to radio regulations
Declaration of conformity ... 30
Convenience closing ... 96
Convenience opening ... 95
Coolant
Notes ... 420
Copyright ... 41
Cornering light ... 143
Correct use ... 36
Cover ... 97
Cross traffic (warning) ... 280
Cross Traffic Alert, Cross traffic warning ... 280
Crosswind Assist ... 232
Cruise control
activating/deactivating ... 238
Calling up a speed ... 238
Function ... 237
Requirements: ... 238
Setting a speed ... 238
Storing a speed ... 238

D

Damage
Limited protection ... 54
Damping adjustment ... 264
Dashboard
Cockpit overview ... 6, 10
Dashcam
Selecting a USB device ... 318
Starting/stopping a video recording ... 318
Data processing in the vehicle ... 38
Data protection rights ... 41
Data storage
Data protection rights ... 41
Electronic control units ... 38
Online services ... 40
Deactivating the alarm ... 102
Dealership ... 36
Declaration of conformity
Components subject to radio regulations ... 30
Electromagnetic compatibility ... 30
Importer addresses ... 32
Jack ... 32
TIREFIT kit ... 33
Decorative foil ... 357
DeNOx agent
AdBlue® ... 199
Deployed components
Limited protection ... 54
Deployment situations ... 52
Destination entry ... 313
Detecting inattentiveness ... 235
Diagnostics connection ... 34
Diesel
Low outside temperatures ... 415
Notes ... 415
Digital Owner's Manual ... 22
DIRECT SELECT lever
Automatic transmission ... 190
Engages neutral ... 191

Engaging drive position..... 192
Engaging park position automatically..... 191
Engaging reverse gear..... 191
Function..... 190
Gearshift recommendation..... 193
Manual gearshifting..... 192
Selecting park position..... 191

Display
Care..... 360

Display (on-board computer)
Displays on the instrument display..... 293

Display message
Calling up in the on-board computer..... 427
Notes..... 427

Display messages
 ---km/h..... 473
 ---km/h..... 470
 ---km/h..... 469
 2nd seat row, left Not locked..... 452
 2nd seat row, right Not locked..... 452
 3rd seat row, left Not locked..... 452
 3rd seat row, right Not locked..... 453
 12 V battery See Owner's Manual..... 482
 Acoustic presence indicator inoperative..... 441
 Active Light System inoperative..... 435
 AdBlue system fault Emer. op.: max. XXX km/h Start not poss. in XXX km..... 491
 AdBlue system fault Emergency op. in XXX miles See Owner's Manual..... 490
 AdBlue system fault Engine start not possible..... 491
 AdBlue system fault See Owner's Manual..... 490
 Add 1 litre engine oil when next refuelling..... 492
 ATTENTION ASSIST inoperative..... 468
 ATTENTION ASSIST: Take a break!..... 469
 Automatic driving lights inoperative..... 435
 Battery overheated Stop, everybody out! Outdoors if possible..... 443
 Before starting the engine, turn the steering wheel..... 450
 Change key batteries..... 432
 Charger cable connected..... 441
 Check brake fluid level..... 464
 Check trailer hitch lock (white display message)..... 447
 Check tyre(s)..... 485
 Clean the fuel filter..... 456
 Coolant Stop vehicle Switch engine off..... 455
 currently unavailable See Owner's Manual..... 465
 currently unavailable See Owner's Manual..... 466

Engine oil level cannot be measured ... 493
Engine oil level Reduce oil level ... 492
Engine oil level Stop vehicle Switch engine off ... 492
Engine oil pressure Stop Switch off engine ... 493
Fault Drive at max. 80 km/h ... 471
Front left malfunction Consult workshop (example) ... 429
inoperative Battery low ... 438
inoperative Charge HV battery ... 439
inoperative High-voltage battery charging incomplete ... 439
inoperative Refuel vehicle ... 439
inoperative See Owner's Man ... 438
inoperative See Owner's Manual ... 466
inoperative See Owner's Manual ... 467
EBD inoperative See Owner's Manual ... 468
SOS Inoperative ... 482
inoperative ... 472
Intelligent Light System inoperative ... 436
Key being initialised Please wait ... 433
Key not detected (red display message) ... 433
Key not detected (white display message) ... 432
Left dipped beam (example) ... 434
Left windowbag malfunction Consult workshop (example) ... 430
Malfunction See Owner's Manual ... 435
Malfunction Visit workshop ... 444
Malfunction ... 445
Malfunction ... 444
Max. speed 40 km/h ... 472
120 km/h Maximum speed exceeded ... 471
Not possible in current drive program ... 472
Off ... 473
HOLD Off ... 468
Parking brake See Owner's Manual ... 461
P Parking lock inoperative Apply the parking brake ... 459
Performance severely limited ... 445
Please wait Depressurising tank ... 446
Pre-entry climate control (via key) available again after engine start ... 440
Pre-entry climate control (via key) inoperative HV-battery low ... 440
Rectify tyre pressure ... 486
Reduce speed ... 487
Refill AdBlue See Owner's Manual ... 489
Release parking brake ... 464
Replace air cleaner ... 456
Replace key ... 432
Reserve fuel level ... 456

Restraint sys. malfunction Consult workshop..... 428
See Owner's Manual..... 483
Steering malfunction Increased physical effort See Owner's Manual..... 449
Steering malfunction See Owner's Manual..... 450
Steering malfunction Stop immediately See Owner's Manual..... 449
Stop Switch engine off..... 445
Stop vehicle Leave engine running..... 484
Stop vehicle See Owner's Manual..... 483
suspended..... 473
Switch off lights..... 436
Switch on headlamps..... 436
Tank is depressurised Ready for refuelling..... 446
Tank ventilation Malfunction Consult workshop..... 446
temporarily unavailable Camera view restricted..... 480
temporarily unavailable Sensors dirty..... 479
Top up AdBlue Emergency op. in XXX miles See Owner's Manual..... 489
Top up coolant See Owner's Manual..... 454
Top up washer fluid..... 453
Towing not permitted See Owner's Manual..... 441
Trans. oil overheated Drive on with care..... 459
Turn on the ignition to release the parking brake..... 464
Tyre(s) overheated..... 487
..... 489
Vehicle is operational Switch off ignition before exiting..... 447
Warning tyre defect..... 486
Wheel sensor(s) missing..... 485
XX,X l Top up AdBlue Switch on ignition, wait 60 sec. or eng. start not poss..... 490
"Electric" drive program currently unavailable..... 443
Active Blind Spot Assist currently unavailable See Owner's Manual..... 477
Active Blind Spot Assist inoperative..... 477
Active Blind Spot Assist not available when towing a trailer See Owner's Manual..... 478
Active bonnet malfunction See Owner's Manual..... 450
Active Brake Assist Functions currently limited See Owner's Manual..... 480

Active Brake Assist Functions limited See Owner's Manual..... 474
Active Distance Assist available again..... 474
Active Distance Assist currently unavailable See Owner's Manual..... 473
Active Distance Assist inoperative..... 474
Active Lane Keeping Assist currently unavailable See Owner's Manual..... 478
Active Lane Keeping Assist inoperative... 478
Active Steering Assist currently unavailable due to multiple emergency stops..... 475
Active Steering Assist currently unavailable See Owner's Manual..... 475
Active Steering Assist inoperative..... 475
Adaptive Highbeam Assist currently unavailable See Owner's Manual..... 436
Adaptive Highbeam Assist inoperative.... 437
Adaptive Highbeam Assist Plus currently unavailable See Owner's Manual... 437
Adaptive Highbeam Assist Plus inoperative..... 437
Anti-theft alarm system Malfunction..... 452
Apply brake to deselect Park (P) position..... 457
Apply brake to select D or R..... 457
Apply brake to select R..... 457
Auxiliary battery malfunction (red display message)..... 460
Auxiliary battery malfunction (white display message)..... 460
Beginning emergency stop..... 475
Blind Spot Assist currently unavailable See Owner's Manual..... 476
Blind Spot Assist inoperative..... 476
Blind Spot Assist not available when towing a trailer See Owner's Manual..... 477
Cannot start engine See Owner's Manual..... 454
Charging fault Please change charging method See Owner's Manual..... 442
Charging method currently unavailable Please try again or change charging method..... 442
Check brake pads See Owner's Manual..... 465
Check tyre pressures then restart Run Flat Indicator..... 488
Cruise control and Limiter inoperative.... 469
Cruise control inoperative..... 469
Cruise control off..... 469
Device detected at diagnostics connection See Owner's Manual..... 482
Drive system Malfunction Stop Switch engine off..... 456
Drive system Malfunction Visit workshop..... 456
Front-passenger airbag disabled See Owner's Manual..... 430

Front-passenger airbag enabled See Owner's Manual ... 431
Hazard warning lamps malfunctioning ... 438
Head-up display currently unavailable See Owner's Manual ... 448
Head-up display inoperative ... 449
Limiter inoperative ... 470
Limiter passive ... 470
N permanently active Risk of vehicle rolling ... 458
Not possible to unlock charging cable See Owner's Manual ... 441
Only electric drive available Power limited ... 442
Only select Park (P) when vehicle is stationary ... 457
Parking Assist and PARKTRONIC inoperative See Owner's Manual ... 481
Place the key in the marked space See Owner's Manual ... 434
PRE-SAFE inoperative See Owner's Manual ... 481
Reduced drive system performance See Owner's Manual ... 443
Reversing not poss. Consult workshop ... 458
Risk of vehicle rolling away Apply parking brake See Owner's Manual ... 460
Risk of vehicle rolling Driver door open and transmission not in P ... 458
Run Flat Indicator inoperative ... 488
Speed limit (winter tyres) XXX km/h ... 470
Speed Limit Assist currently unavailable See Owner's Manual ... 470
Speed Limit Assist inoperative ... 470
Teaching in transmission complete ... 460
Teaching in transmission Operate selector lever Brake for XX seconds Risk of vehicle rolling ... 460
To shift out of P or N, depress brake and start engine ... 457
To switch off the engine, press the Start/Stop button for at least 3 seconds or 3 times ... 454
Traffic Sign Assist currently unavailable See Owner's Manual ... 471
Traffic Sign Assist inoperative ... 471
Transmission Malfunction ... 459
Transmission Malfunction Stop ... 458
Transmission Malfunction Visit workshop ... 460
Tyre press. monitor currently unavailable ... 484
Tyre press. monitor inoperative ... 484
Tyre press. monitor inoperative No wheel sensors ... 485
Tyre pressure Check tyres ... 487
Vehicle not currently being charged Charging station fault ... 442
Wiper malfunctioning ... 453

Without changing gear, consult workshop ... 444, 458
Without starting engine again, consult workshop ... 444
Displaying road names/house numbers ... 314
Distance control ... 240
Distance warning ... 250
DISTRONIC ... 240
Door
Additional door lock ... 83
Child safety lock (rear door) ... 77
Emergency key ... 87
Opening (from the inside) ... 84
Unlocking (inside) ... 84
Door control panel
Seat operation ... 18
Downhill Speed Regulation ... 246
Drive Away Assist ... 279
Drive position ... 192
Drive program display ... 188
Drive programs
Selecting ... 188
Driver's seat
Adjusting (Seat Comfort) ... 107
Adjusting (without seat comfort) ... 105
Adjusting electrically ... 109
Easy entry and exit feature ... 117
Seat heating ... 115
Driving abroad
Light adjustment low beam ... 139
Driving off-road ... 177
Driving safety system
ABS (Anti-lock Braking System) ... 229
Active Brake Assist ... 250
Adaptive brake lights ... 234
ATTENTION ASSIST ... 235
BAS (Brake Assist System) ... 230
Blind Spot Assist/Active Blind Spot Assist ... 259
Cameras ... 228
Cruise control ... 237
EBD (Electronic Brakeforce Distribution) ... 233
ESP® (Electronic Stability Program) ... 230
Hill Start Assist ... 234
HOLD function ... 233
Off-road ABS ... 230
Overview ... 228
Radar and ultrasonic sensors ... 228
STEER CONTROL ... 233
Traffic Sign Assist ... 257
Your responsibility ... 227
Driving system ... 228
Driving tips
General driving tips ... 174
Light adjustment when driving abroad ... 139
Off-road driving ... 177
Recuperation ... 182
Running-in notes ... 174
Drowsiness detection ... 235
DSR
Activating/deactivating ... 247
Changing the target speed ... 247
Function ... 246
Notes ... 247
Duplicate key ... 83
Dynamic handling control system ... 230

DYNAMIC SELECT
Calling up the fuel consumption indicator ... 190
Configuring drive program I ... 189
Configuring drive program I (plug-in hybrid) ... 188
Displaying engine data ... 189
Displaying vehicle data ... 189
Drive program display ... 188
Drive programs ... 186
Function ... 186
Selecting the drive program ... 188

E

E10 petrol ... 414
Easy entry feature ... 117, 118
Easy exit feature ... 117, 118
EBD, Electronic Brakeforce Distribution ... 233
ECO Assist
Plug-in hybrid ... 183
ECO display ... 181
ECO start/stop button
Automatic engine start/stop ... 181
ECO start/stop function
Automatic engine start ... 180
Automatic engine stop ... 180
Function ... 180
Switching off/on ... 181
Electric drive ... 167
Electric parking brake
Applying automatically ... 224
Emergency braking ... 226
Manually applying/releasing ... 225
Releasing automatically ... 225
Electrical fuses ... 382
Electromagnetic compatibility
Declaration of conformity ... 30
Electronic Stability Program ... 230
Emergency
Fire extinguisher ... 364
First-aid kit (soft sided) ... 364
Overview of aids ... 20
Safety vest ... 363
Warning triangle ... 364
Emergency braking
Active Brake Assist ... 250
Brake Assist System ... 230
Carrying out ... 226
Electric parking brake/handbrake ... 224
Emergency call system
Mercedes me connect ... 334
Emergency key
Door ... 87
Inserting/removing ... 82
Tailgate ... 93
Emergency operation mode
Start the vehicle ... 172
Emergency shutoff (high-voltage on-board electrical system) ... 169
Emergency spare wheel
Inflating ... 402
Emergency stop assistant ... 250
Energy flow display
Function/notes ... 310
Engine
Emergency operation mode ... 172
Engine number ... 411
Starting assistance ... 373
switching off (start/stop button) ... 220
Tow-starting ... 382

Engine data
Displaying ... 189
DYNAMIC SELECT ... 189
Engine electronics ... 404
Engine number ... 411
Engine oil
Additives ... 418
Capacity ... 418
Checking the oil level using the on-board computer ... 350
MB-Freigabe or MB-Approval ... 418
Quality ... 418
Topping up ... 351
Engine starting
Remote Online ... 173
Start/stop button ... 171
Environmentally friendly driving ... 24
ERA-GLONASS test mode ... 337
ESC, Electronic Stability Control ... 230
ESP®
Crosswind Assist ... 232
Function ... 230
Setting ... 232
Trailer stabilisation ... 232
EU type approval number ... 411
Exhaust gas aftertreatment, diesel engine ... 417
Exit warning ... 259
Exiting a parking space
Active Parking Assist ... 275
Drive Away Assist ... 279
PARKTRONIC ... 270
Exterior lighting
Care ... 358
Light adjustment when driving abroad ... 139

F

Factory settings
MBUX reset function ... 309
Fault message
Instrument display ... 427
Fire extinguisher ... 364
First aid
First-aid kit (soft sided) ... 364
Fitting
Snow chains ... 386
Tyres ... 399
Wheels ... 399
Fitting accessories
Limited protection ... 54
Fitting the licence plate (front) ... 29
Flat towing
Pulling/towing ... 287
Flat tyre
MOExtended ... 365
Notes ... 365
TIREFIT kit ... 367
Wheel change ... 396
Floor mats ... 138
Foil covering
On camera/sensors ... 228
Radar and ultrasonic sensors ... 228
Free software ... 41
Frequencies
Mobile phone ... 405
Two-way radio ... 405
Front airbag
Inflating ... 52
Front headlamps ... 139

Front passenger airbag
Disabling/enabling ... 48
Front passenger airbag shutoff
Information (child restraint system on the front passenger seat) ... 64
Front passenger seat
Adjusting (Seat Comfort) ... 107
Adjusting (without seat comfort) ... 105
Adjusting electrically ... 109
Front wheel arch, Wing
Fitting/removing the cover ... 149
Front wheel arch cover
Fitting/removing ... 149
Fuel
Additives ... 415
Depressurising the fuel tank (plug-in hybrid with petrol engine) ... 199
Diesel ... 415
Diesel quality ... 415
E10 ... 414
Low outside temperatures ... 415
Petrol ... 414
Quality (petrol) ... 414
Refilling ... 195
Reserve ... 416
Sulphur content ... 414
Tank content ... 416
Fuel consumption indicator ... 190
Fuel reserve ... 416
Function in the event of an accident ... 52
Function seat ... 18
Fuses
Engine compartment ... 383
Front passenger footwell ... 384
Fuse assignment diagram ... 382
Load compartment ... 385
Notes ... 382

G

Garage door opener
Clearing the memory ... 224
Open/close gate ... 224
Problem ... 223
Garage door openers
Programming buttons ... 222
Synchronising the rolling code ... 223
Gearshift
DIRECT SELECT lever ... 190
Manual ... 192
Gearshift paddles
Steering wheel gearshift paddles ... 192
General driving tips ... 174
Genuine parts ... 25
Glide mode ... 194
Glove compartment ... 123
Grab handles
Notes ... 104
Gross mass ... 411

H

Handbrake ... 224
Handling characteristics
Unusual ... 386
HANDS-FREE ACCESS ... 91
Hazard warning lights ... 142
Hazard warnings
Car-to-X-Communication ... 316

Head restraint
Adjusting (rear) ... 113
Adjusting manually (front) ... 112
Removing/fitting (rear) ... 114

Head-up display, Display in the windscreen
Adjusting brightness (on-board computer) ... 294
Adjusting display elements (on-board computer) ... 294
Care ... 360
Function ... 293
Memory function ... 119
Setting the position (on-board computer) ... 294
Switching on/off ... 295

Headlamp flashing ... 141

Headlamp range ... 140

Headlamps ... 139

Heating
Activating/deactivating ... 159
Seat ... 115
Stationary heater ... 164

Help call
Mercedes-Benz emergency call system ... 333, 334

High beam
Illuminants ... 149

High-pressure cleaner ... 356

High-voltage battery
Charge level display ... 220
Charging cable control panel ... 209
Charging duration ... 423
Charging station, mode 3 ... 207
Connection types ... 423
Ending the charging process (alternating current, mode 2/3) ... 215
Ending the charging process (direct current, mode 4) ... 219
Energy flow display ... 310
General notes on charging ... 202
Mains socket, mode 2 ... 206
Notes ... 373
Range ... 423
Rapid charging station, mode 4 ... 208
Setting the charging process ... 309
Setting the maximum permissible charging current (mains socket) ... 209
Starting the charging process (alternating current, mode 2/3) ... 212
Starting the charging process (direct current, mode 4) ... 217
Stowing the charging cable ... 205
Type ... 423
Voltage types ... 423
Wallbox, mode 3 ... 207

High-voltage on-board electrical system
Indicator lamps on vehicle socket ... 211
Manual switch-off ... 169
Operating safety ... 27

Hill descent control ... 246

Hill Start Assist ... 234

HOLD function
Function ... 233
Switching on/off ... 233

Home screen
Media display ... 297

Hooking the luggage net ... 131

Hybrid system
Configuring settings via the multimedia system ... 309

I

i-Size child restraint system
Fitting 74
Suitable seats 70
Identification plate
Engine 411
Vehicle 411
Illuminants
High beam 149
Low beam 149
Immediate pre-entry climate control 163
Immobiliser 101
Implied warranty 37
Importer addresses
Wireless components 32
Importer information
Regulatory radio information 410
Incorrect behaviour by vehicle occupants
Limited protection 54
Indicator lamps/warning lamps
PASSENGER AIR BAG 47
Indicator/warning lamps 494
Individual drive program
Configuring 189
Configuring (plug-in hybrid) 188
Inside rearview mirror 155
Instrument cluster
Function/notes 289
Instrument display
Buttons 290
Function/notes 289
Head-up display 293
Head-up display menu 294
Instrument cluster 14
Notes 288
Overview of displays 293
Warning/indicator lamps 494
Intelligent Light System
Activating/deactivating 144
Active headlamps 142
Adaptive Highbeam Assist 144
Adaptive Highbeam Assist Plus 145
City lighting 143
Cornering light 143
Motorway mode 143
Overview 142
Interior lighting
Ambient lighting 147
MBUX reading light 302
Setting 147
Switch-off delay time 148
Interior protection 103
Internet
Mercedes me connect 327
Setting up a Wi-Fi hotspot 306
Web browsers 329
ISOFIX child restraint system
Fitting 74
Suitable seats 69

J

Jack
Declaration of conformity 32
Storage location 395
Jump-start connection 375

K

Key
acoustic locking verification signal 81

Activating/deactivating pre-entry climate control ... 161
Battery ... 82
Deactivating a function ... 81
Emergency key ... 82
Energy consumption ... 81
Function ... 80
Key ring attachment ... 82
Problem ... 83
Replacement key ... 83
Unlocking setting ... 81

KEYLESS-GO
Deactivating ... 81
Locking/unlocking the vehicle ... 85
Problem ... 86
Unlocking setting ... 81

Kickdown ... 193

Knee airbag ... 58

L

Lane Keeping Assist ... 262

Lane recognition (automatic)
Active Lane Keeping Assist ... 262

Language
Notes ... 308
Setting ... 308

Light adjustment
Driving abroad ... 139

Light switch ... 139

Lighting
Interior lighting ... 147

Lights
Activating/deactivating the surround lighting ... 147
Active headlamps ... 142
Adaptive brake lights ... 234
Adaptive Highbeam Assist ... 144
Adaptive Highbeam Assist Plus ... 145
Automatic driving lights ... 140
Changing illuminants ... 148
City lighting ... 143
Combination switch ... 141
Cornering light ... 143
Hazard warning lights ... 142
Headlamp range ... 140
High beam ... 141
Intelligent Light System ... 142
Interior lighting ... 147
Light adjustment when driving abroad ... 139
Motorway mode ... 143
Off-road light ... 143
Reading lamp ... 147
Reading light ... 302
Rear fog light ... 140
Responsibility for lighting systems ... 139
Switch-off delay time ... 146
Switching the Intelligent Light System on/off ... 144
Turn signal light ... 141

Limiter
Activating/deactivating ... 238, 243
Buttons ... 238
Calling up a speed ... 238
Function ... 238
Passive mode ... 238
Permanent setting ... 240
Requirements: ... 238
Selecting ... 238
Setting a speed ... 238
Storing a speed ... 238

LINGUATRONIC
Function ... 300

Starting ... 300
Live Traffic Information ... 316
Load capacity
Bicycle rack ... 426
Load compartment cover
Removing/fitting ... 127
Load compartment floor
Setting ... 132
Loading
Adjusting the load compartment floor ... 132
Bag hook ... 130
Clothes hook ... 130
Roof luggage rack ... 133
Tie-down eyes ... 129
Loading guidelines ... 120
Loads ... 120
Locking/unlocking
Additional door lock ... 83
Automatic locking (MMS) ... 86
Doors (from the inside) ... 84
Emergency key ... 87
KEYLESS-GO ... 85
Mercedes me connect ... 83
Loud sound
PRE-SAFE® Sound ... 50
Low beam
Activating/deactivating ... 139
Illuminants ... 149
Light adjustment when driving abroad ... 139
lubricants ... 412
Luggage
Luggage net ... 131
Lumbar support ... 110

M

Maintaining safe distance
Active Distance Assist DISTRONIC ... 243
Maintenance ... 345
Maintenance Management
Notes ... 346
Transferred data ... 346
Malfunction
Restraint system ... 45
Manoeuvring assistant
Activating/deactivating ... 280
Drive Away Assist ... 279
Map
Displaying online map contents ... 316
Displaying weather information ... 316
Moving ... 315
Selecting the map orientation ... 315
Setting the map scale ... 315
Switching motorway information on/off ... 315
Map functions ... 315
Massage programmes ... 114
Maximum full-stop braking ... 230
Maximum permissible gross vehicle mass ... 411
Maximum speeds ... 423
MBUX Interior Assistant
Overview ... 301
Reading light ... 302
Search light ... 302
MBUX multimedia system
Activating/deactivating standby mode ... 227
Drive program (plug-in hybrid) ... 188
Drive programs ... 189
Factory setting ... 309
Home screen ... 297
In-Car Office ... 329

MBUX Interior Assistant ... 301
Media ... 339
Mercedes me & Apps ... 329
Navigation ... 310
Notes ... 296
Overview ... 296
Setting route-based speed adaptation ... 246
Standby mode function ... 226
System settings ... 305
Touchscreen ... 298

MBUX reading light ... 302

MBUX search light ... 302

Media
Overview of functions/symbols ... 339

Media display
Operating ... 298

Media mode
Connecting Bluetooth® audio equipment ... 340

Medical aids ... 37

Memory function
Head-up display ... 119
Outside mirrors ... 119
Seat ... 119

Menu (on-board computer)
Head-up display ... 294
Overview ... 290

Mercedes me App
Activating on-demand features ... 26

Mercedes me Apps ... 329

Mercedes me calls
Arranging a service appointment ... 325
Calling the Mercedes-Benz Customer Centre after automatic accident/breakdown detection ... 324
Calls via the overhead control panel ... 322
Consenting to the transfer of data ... 325
Information ... 323
Mercedes-Benz Customer Centre ... 323
Transferred data ... 325

Mercedes me connect
Accident/Breakdown Management ... 327
Information ... 327
Transferred data ... 328

Mercedes-AMG vehicles
Notes ... 167

Mercedes-Benz emergency call system
Automatic emergency call ... 334
Data processing ... 337
Data transfer ... 335
ERA-GLONASS test mode ... 337
Information ... 331
Manual emergency call ... 335
Overview ... 333, 334
Self-diagnosis ... 337

Mercedes-Benz GenuineParts ... 25

Mercedes-Benz service centre ... 36

Message memory ... 427

Mirrors
Mirror folding function ... 157
Outside mirrors ... 154
Rear-view mirror ... 155

Mobile phone
Frequencies ... 405
Maximum transmission output ... 405
Notes on wireless charging ... 135

Model type ... 411

Modification
Limited protection ... 54

MOExtended tyres, Run-flat tyres ... 365
Motorway mode ... 143
MULTIBEAM LED ... 142
Multimedia system
Activating/deactivating DSR ... 247

N

Navigation
Activating ... 311
Destination entry ... 313
Displaying/hiding the menu ... 311
Live Traffic Information ... 316
Map ... 315
Notes ... 310
Overview ... 312
Neutral ... 191

O

Objects in the vehicle interior
Limited protection ... 54
Occupant safety
Airbag ... 58
Basic information ... 42
Child seat ... 60
Information on the child restraint system ... 49
Information on the correct seat position ... 43
Pets in the vehicle ... 54
PRE-SAFE® ... 50
Off-road ABS ... 230
Off-road driving ... 177
Off-road light ... 143
On-board computer, Operating system
Displaying the service due date ... 345
Instrument display ... 293
Menu overview ... 290
Operating ... 290
On-board diagnostics interface ... 34
On-board electronics
Engine electronics ... 404
Two-way radios ... 404
On-demand feature ... 26
Online services ... 40
Open Source Software ... 41
Open/close garage door ... 224
Open/close gate ... 224
Opening angle
Limiting (tailgate) ... 93
Opening the tailgate using your foot
HANDS-FREE ACCESS ... 91
Operating fluids
AdBlue® ... 417
Additives ... 415
Brake fluid ... 420
Coolant ... 420
Diesel ... 415
Engine oil ... 418
Notes ... 412
Petrol ... 414
Windscreen washer fluid ... 421
Operating safety
High-voltage on-board electrical system ... 27
Outside mirrors
Automatic anti-dazzle mode ... 155
Automatic mirror folding function ... 157
Blind Spot Assist/Active Blind Spot Assist ... 259
Folding in/out ... 154
Memory function ... 119

Parking position ... 156
Setting ... 154
Warning lamp ... 259
Overhead control panel ... 16
Overview of airbags ... 58
Owner's Manual ... 26

P

Paint code ... 411
Park position
DIRECT SELECT lever ... 190
Parking
Active Parking Assist ... 275
PARKTRONIC ... 270
Parking aid
PARKTRONIC ... 270
Parking Assist
Active Parking Assist ... 275
PARKTRONIC ... 270
Parking Assist PARKTRONIC
Activating/deactivating ... 274
Adjusting warning tones ... 274
Function ... 270
Side impact protection ... 272
Parking assistance systems
Active Parking Assist ... 275
Drive Away Assist ... 279
PARKTRONIC ... 270
Parking brake ... 224
Parking lights ... 139
Parking position
Outside mirrors ... 156
Storing the position of the passenger outside mirror using reverse gear ... 156
Parking service
Selecting parking options ... 316
Parking space
Finding ... 316
Parking up ... 226
PARKTRONIC ... 270
Partitioning net ... 128
PASSENGER AIR BAG
Status display, front passenger airbag ... 47
Pedestrian protection ... 347
Period out of use
Activating/deactivating standby mode ... 227
Permissible axle load ... 411
Permitted towing methods
Overview ... 377
Personalisation ... 304
Petrol ... 414
Pets in the vehicle ... 54
Plug-in hybrid operation
Charging cable control panel ... 209
Charging the high-voltage battery at a rapid charging station (mode 4) ... 208
Configuring settings via the multimedia system ... 309
Displaying the power meter ... 292
Ending the charging process (alternating current, mode 2/3) ... 215
Ending the charging process (direct current, mode 4) ... 219
Function of the regenerative brake system ... 182
Functions of the energy flow display ... 310
Indicator lamps on vehicle socket ... 211

Manually disconnecting the high-voltage on-board electrical system ... 169
Notes on charging (charging station, mode 3) ... 207
Notes on charging (mains socket, mode 2) ... 206
Notes on charging (wallbox, mode 3) ... 207
Notes on plug-in hybrid operation ... 167
Operating safety ... 27
Power availability display ... 292
Power meter ... 292
Route-based operating-mode strategy ... 185
Sets recuperation ... 183
Setting the maximum permissible charging current ... 209
Starting the charging process (alternating current, mode 2/3) ... 212
Starting the charging process (direct current, mode 4) ... 217
Stowing the charging cable ... 205

Post-collision brake ... 52

Power availability display, Power display
Function ... 292

Power supply
Start/stop button ... 170
Switching on (start/stop button) ... 170

Pre-entry climate control
activating/deactivating for departure time ... 163
At departure time ... 162
At time of departure ... 162
immediate ... 163

Pre-entry climate control using the key
Activating/deactivating ... 161
Function ... 161
Setting ... 161

PRE-SAFE®, Anticipatory occupant protection
Function ... 50
PRE-SAFE® Sound ... 50
Reversing measures ... 50

PRE-SAFE® PLUS
Function ... 50
Reversing measures ... 50

Preventative occupant protection system ... 50

Profile, User profiles
Creating a new profile ... 304
Selecting profile options ... 304

Programs ... 186

Protection
Limited ... 54

Protection of the environment
Driving style ... 24
Take-back of end-of-life vehicles ... 24

Pulling away
Hill Start Assist ... 234
Start-off assist ... 235

Pyrotechnical vehicle components ... 406

Q

QR code rescue card ... 38

Qualified specialist workshop ... 36

R

Radar and ultrasonic sensors ... 228

Radio
Overview of functions/symbols ... 341

Radio regulations
Importer information ... 410
Regulatory radio identification ... 410
Specific absorption rate ... 410
Wireless applications ... 406

Rain closing function
Side windows ... 95
Sliding sunroof ... 99
Rain sensor
Side windows ... 95
Sliding sunroof ... 99
Windscreen wipers ... 150
REACH regulation ... 36
Reading lamp
Interior lighting ... 147
Rear door (child safety lock)
Securing ... 77
Rear fog lamp ... 140
Rear fog light ... 140
Rear seat
Adjusting the backrest ... 112
Adjusting the backrest angle ... 126
Rear seat belt
Status display ... 46
Rear window
Replacing wiper blade ... 153
Rear window heater ... 158
Rear window wiper
Switching on/off ... 151
Rear-view mirror
Automatic anti-dazzle mode ... 155
Rearward-facing child seat
Information ... 66
Recuperation
Function ... 182
Setting ... 183
Recycling ... 24
Reducing agent
AdBlue® ... 200
Refuelling
Depressurising the fuel tank (plug-in hybrid with petrol engine) ... 199
Fuel ... 195
Refuelling the vehicle ... 195
Topping up AdBlue® ... 200
Registration ... 36
Remote Online
Charging the starter battery ... 173
Cooling/heating the vehicle interior ... 173
Starting the vehicle ... 173
Replacement key ... 83
Replacing a bulb ... 148
Reserve
Fuel ... 416
Resetting
MBUX reset function ... 309
Residual heat ... 160
Responsibility
Driving safety systems ... 227
Restraint system
Basic information ... 42
Basic instructions for children ... 60
Deployment situations ... 52
Functionality ... 45
Information on function ... 52
Information on the correct seat position ... 43
Limited protection ... 54
Malfunction ... 45
Protection ... 43
Self-test ... 45
Warning lamp ... 45
Reverse gear
DIRECT SELECT lever ... 190

Reversing camera
360° Camera ... 265
Care ... 358
Function ... 265
Opening the camera cover ... 270
Switching automatic mode on/off (360° Camera) ... 270
Roll away protection ... 233
Roller sunblind
Sliding sunroof ... 97
Roof load ... 422
Roof load display
Information ... 187
Roof luggage rack
Loading ... 133
Securing ... 133
Route
Alternative route ... 314
Calculating ... 314
Commuter route ... 314
Navigation ... 312
Selecting options ... 314
Route guidance with augmented reality
Activating ... 314
Displaying road names/house numbers ... 314
Route-based operating-mode strategy
Function ... 185
Route-based speed adaptation
Function ... 245
Setting ... 246
Run-flat characteristics ... 365
Running-in notes ... 174

S

Safety system ... 228
Safety vest ... 363
Screen
MBUX multimedia system ... 297
Seat
Adjusting (Seat Comfort) ... 107
Adjusting (without seat comfort) ... 105
Adjusting backrests (rear) ... 112
Adjusting electrically ... 109
adjusting manually (rear) ... 110
Adjusting the angle of the backrests (rear) ... 126
Configuring settings ... 114
Correct driver's seat position ... 104
Folding back the backrest (rear) ... 124
Folding the backrest forwards (rear) ... 123
Locking the backrest (rear) ... 125
Lumbar support ... 110
Memory function ... 119
Resetting the settings ... 114
Settings ... 18
Side airbag ... 58
Seat belt
Activating/deactivating seat belt adjustment ... 51
Automatic tightening ... 51
Care ... 360
Fastening ... 45
Notes on wearing correctly ... 44
Rear seat belt status display ... 46
Releasing ... 57
Warning lamp ... 46
Seat belt adjustment
Activating/deactivating ... 51
Function ... 51
Seat belt tensioners
Inflating ... 52

Seat belt warning ... 46
Seat heating
Activating/deactivating ... 115
Seat height ... 109
Seat ventilation ... 115
Selecting a gear ... 192
Selector lever ... 190
Self-test
Automatic front passenger airbag shut off ... 47
Restraint system ... 45
Sensors
Cleaning ... 358
Service ... 345
Service centre ... 36
Service interval display ... 345
Shifting
Automatic transmission ... 192
Gearshift recommendation ... 193
Manual ... 192
Steering wheel gearshift paddles ... 192
Shortening the braking distance
Brake Assist System ... 230
Shunting support ... 280
Side airbag ... 58
Side impact protection ... 272
Side windows
Automatic function ... 95
Child safety lock (rear) ... 78
Close with key ... 96
Convenience closing ... 96
Convenience opening ... 95
Opening/closing ... 94
Problem ... 96
Rain closing function ... 95
Skid chains ... 386
Sliding sunroof
Automatic functions ... 99
Close with key ... 96
Opening with the key ... 95
Opening/closing ... 97
Problem ... 100
Rain closing function ... 99
Smartphone Integration, iPhone®
Android Auto ... 330
Apple CarPlay® ... 330
Snow chains ... 386
Socket
12 V (boot/load compartment) ... 134
12 V (front centre console) ... 134
115 V (rear passenger compartment) ... 134
Trailer operation ... 283
Socket flap ... 202
Sound
Menu ... 344
PRE-SAFE® Sound ... 50
Wheels/tyres ... 386
Sound settings ... 344
Spare parts ... 25
Spare wheel
Emergency spare wheel ... 401
Specialist workshop ... 36
Specific absorption rate (SAR) ... 410
Speed
Limit, Limiter ... 238

Save, cruise control ... 243
Save, DISTRONIC ... 243
Save, Limiter ... 243
Speed adjustment, route-based ... 245
Speed control
Active Distance Assist DISTRONIC ... 240
Cruise control ... 237
Limiter ... 238
Speed limit
Winter tyres ... 240
Speed Limit Assist
Setting ... 256
System limits ... 255
Standing lights ... 139
Start-off assist
Activating ... 235
Function ... 235
Hill Start Assist ... 234
Start/stop button
Parking the vehicle ... 220
Starting the vehicle ... 171
Switching on the power supply / vehicle ... 170
Start/stop function ... 180
Starter battery
Charging via Remote Online ... 173
Starting assistance ... 375
Starting the engine
Emergency operation mode ... 172
Remote Online ... 173
Start/stop button ... 171
Starting-off aid
Drive Away Assist ... 279
Hill Start Assist ... 234
Start-off assist ... 235
Stationary heater/ventilation
Activating/deactivating ... 164
Operating ... 165
Status display
Front passenger airbag ... 47
Rear seat belt ... 46
Steer Assist
Active Steering Assist ... 248
STEER CONTROL ... 233
STEER CONTROL ... 233
Steering wheel, Multifunction steering wheel
Buttons ... 290
Driver's airbag ... 58
Manually adjusting ... 116
Steering wheel heater ... 117
Steering wheel gearshift paddles ... 192
Steering wheel heater ... 117
Stop/start
ECO start/stop function ... 181
Stopping
Parking the vehicle ... 220
Stowage areas ... 123
Stowage spaces
Armrest ... 123
Centre console (front) ... 123
Door ... 123
Glove compartment ... 123
Suggestions
Configuring ... 304
Sulphur content ... 414
Surround lighting ... 147

Surround sound system
Information ... 344
Suspension
Adaptive damping adjustment ... 264
Damping characteristics ... 264
SVHC
Substances of very high concern ... 36
Switch-off delay time
Exterior ... 146
Interior ... 148
Switching air-recirculation mode on/off ... 160
Synchronisation function
Activating/deactivating (control panel) ... 160
System settings
Language setting ... 308
MBUX reset function ... 309
System updates ... 305

T

Tailgate, Boot lid
Closing ... 89
Emergency key ... 93
HANDS-FREE ACCESS ... 91
Limiting the opening angle ... 93
Opening ... 88
Take-back of end-of-life vehicles ... 24
Tank content
AdBlue® ... 418
Fuel ... 416
Reserve ... 416
Tank filler cap / flap ... 195
Technical data
Axle load (trailer operation) ... 426
Fastening points of the trailer hitch ... 425
High-voltage battery ... 423
Information ... 404
Maximum speeds ... 423
Mounting dimensions of a trailer hitch ... 425
Overhang dimension of the trailer hitch ... 425
Pyrotechnical vehicle components ... 406
Radio frequencies ... 405
Radio regulations ... 410
Roof load ... 422
Specific absorption rate (SAR) ... 410
Tongue weight ... 426
Towing capacity ... 425
Vehicle dimensions ... 421
Telediagnosis
Diagnostic data ... 346
Telediagnostics
Transferred data ... 347
Telephone
Bluetooth® ... 322
Charging wirelessly (mobile phone) ... 137
Connecting a mobile phone ... 322
Emergency call ... 334
Menu ... 322
Notes ... 319
Notes on wireless charging (mobile phone) ... 135
Operating modes ... 321
Secure Simple Pairing ... 322
Telephone menu overview ... 321
Telephony operating modes
Bluetooth® telephony ... 321
Temperature
Setting the vehicle interior temperature ... 158
Themes
Configuring ... 304
Tie-down eyes ... 129

TIREFIT kit
Declaration of conformity 33
Storage location 366, 367
Tongue weight 426
Top Tether 75
Touch Control
MBUX 298
On-board computer 290
Touchpad
Operating 298
Touchscreen 298
Tow bar system
Towing away 287
Tow-away protection 102
Tow-starting 382
Towing
Pulling/towing 287
Towing methods 377
Towing eye
Fitting/removing 381
Storage location 381
Towing methods
Both axles on the ground 378
Overview 377
Traffic information 316
Traffic light warning/display 257
Traffic Sign Assist
Function 257
Setting 258
Trailer coupling 282
Trailer drawbar, Pulling/towing 287
Trailer hitch
Axle load 426
Bicycle rack 285
Care 358
Coupling up/uncoupling a trailer 283
Fastening points 425
Folding the ball neck out/in 282
General notes 424
Mounting dimensions 425
Overhang dimension 425
Socket 283
Tongue weight 426
Towing capacity 425
Trailer operation
Active Blind Spot Assist 261
Active Lane Keeping Assist 262
Axle load 426
Bicycle rack 285
Coupling up/uncoupling a trailer 283
Folding the ball neck out/in 282
Notes 280
Socket 283
Trailer stabilisation 232
Transmission position display 190
Transmission positions
DIRECT SELECT lever 190
Transporting
Vehicle 380
TuneIn
Calling up 343
Turn signal indicator 141
Turn signal light 141
Two-way radios
Frequencies 405
Installation 404
Transmission output 405

Type approval number EG ... 411
Tyre pressure
Checking ... 389
TIREFIT kit ... 367
Tyre pressure loss warning system, function ... 390
Tyre pressure loss warning system, restarting ... 391
Tyre pressure table ... 388
Tyre pressure loss warning system
Function ... 390
Restarting ... 391
Tyre pressure monitoring system
Function ... 389
Restarting ... 390
Tyre pressure table ... 388
Tyre sealant ... 367
Tyre tread ... 386
Tyre-change tool ... 395
Tyre-change tool kit ... 395
Tyres
Breakdown ... 365
Checking ... 386
Checking the temperature ... 389
Fitting ... 399
Interchanging ... 394
MOExtended ... 365
Noise ... 386
Notes on fitting ... 391
Removing ... 399
Removing/fitting hub cap ... 396
Replacing ... 391, 396
Selection ... 391
Snow chains ... 386
Storing ... 395
TIREFIT kit ... 367
Tyre pressure loss warning system, function ... 390
Tyre pressure loss warning system, restarting ... 391
Tyre pressure table ... 388
Unusual handling characteristics ... 386

U

Unfastening ... 57
Unlocking setting ... 81
USB port
Rear ... 135
Stowage compartments (front) ... 123

V

Variable limiter ... 238
Vehicle
Activating/deactivating standby mode ... 227
Additional door lock ... 83
Correct use ... 36
Data storage ... 38
Diagnostics connection ... 34
Emergency key ... 87
enabling, Remote Online ... 173
Equipment ... 26
High-voltage on-board electrical system ... 27
Implied warranty ... 37
KEYLESS-GO ... 85
lock automatically (MMS) ... 86
Locking/unlocking (from inside) ... 84
Locking/unlocking using the emergency key ... 87
Lowering ... 400
Medical aids ... 37
Parking up ... 226
QR code rescue card ... 38
Raising ... 396

REACH regulation ... 36
Registration ... 36
Set collision detection ... 226
Standby mode function ... 226
Starting (start/stop button) ... 171
starting, emergency operation mode ... 172
Stopping ... 220
SVHC/substances of very high concern ... 36
Switching off ... 220
switching off (start/stop button) ... 220
Switching on (start/stop button) ... 170
Towing ... 287
Towing away ... 377
Transporting ... 380
ventilate / comfort opening ... 95

Vehicle cameras ... 228

Vehicle data
Displaying, DYNAMIC SELECT ... 189
Displaying, MBUX ... 189
Maximum speeds ... 423
Roof load ... 422
Vehicle height ... 421
Vehicle length ... 421
Vehicle width ... 421
Wheelbase ... 421

Vehicle dimensions ... 421

Vehicle emergency start ... 382

Vehicle equipment ... 26

Vehicle identification plate
Axle load ... 411
EU type approval number ... 411
Gross mass ... 411
Model type ... 411
Paint code ... 411
VIN ... 411

Vehicle interior
Cooling/heating (Remote Online) ... 173

Vehicle key ... 80

Vehicle sensors ... 228

Vehicle socket
Care ... 358
Indicator lamps ... 211

Vehicle start
Emergency operation mode ... 172
Remote Online ... 173
Start/stop button ... 171

Vehicle tool kit
TIREFIT kit ... 366, 367
Towing eye ... 381

Ventilating ... 95

Ventilation ... 165

Vents
Air vents ... 165

VIN, Vehicle identification number
Engine compartment ... 411
Identification plate ... 411
Windscreen ... 411

Vision
Demisting windows ... 160

W

Warning system ... 101

Warning triangle ... 363, 364

Warning/indicator lamp
ABS warning lamp ... 505
Active Brake Assist warning lamp ... 507, 508
Brakes warning lamp (red) ... 504
Brakes warning lamp (yellow) ... 503

Coolant warning lamp (red)..... 500
Coolant warning lamp (yellow)..... 501
Electric parking brake indicator lamp (red)..... 503
Electric parking brake indicator lamp (yellow)..... 503
Electrical fault warning lamp 498, 502
Engine diagnostics warning lamp..... 502
ESP® OFF warning lamp..... 506
ESP® warning lamp flashes..... 505
ESP® warning lamp lights up..... 506
Fuel reserve warning lamp lights up..... 502
Power steering warning lamp (red)..... 498
Reduced-power warning lamp..... 497
Restraint system warning lamp..... 496
Seat belt warning lamp flashes..... 497
Seat belt warning lamp lights up... 497
System error warning lamp..... 498
Trailer hitch warning lamp..... 499
Tyre pressure monitoring system warning lamp flashes..... 508
Tyre pressure monitoring system warning lamp lights up..... 509
Warning lamp for distance warning..... 507

Warning/indicator lamps
Instrument display..... 494
PASSENGER AIR BAG..... 47

Washer fluid
Topping up..... 353
Windscreen washer fluid..... 421

Washing by hand..... 357

Water tank..... 354

Wear
Limited protection..... 54

Weather information..... 316

Web browsers..... 329

Weight information..... 411

Wheel change
Fitting a new wheel..... 399
Lowering the vehicle..... 400
Preparation..... 396
Raising the vehicle..... 396
Removing a wheel..... 399
Removing/fitting hub caps..... 396

Wheel rotation..... 394

Wheels
Breakdown..... 365
Care..... 358
Checking..... 386
Checking the tyre temperature..... 389
Fitting..... 399
Interchanging..... 394
MOExtended..... 365
Noise..... 386
Notes on fitting..... 391
Removing..... 399
Removing/fitting hub cap..... 396
Replacing..... 391, 396
Selection..... 391
Snow chains..... 386
Storing..... 395

TIREFIT kit ... 367
Tyre pressure ... 387
Tyre pressure monitoring system ... 389
Unusual handling characteristics ... 386

Wi-Fi
Setting up a hotspot ... 306

Widescreen cockpit instrument display
Instrument cluster ... 12

Window airbag ... 58

Windows
Care ... 358
Opening/closing ... 94
Removing mist ... 160

Windscreen
Demisting ... 158
Replacing the wiper blades ... 151

Windscreen washer fluid ... 421

Windscreen washer system ... 353

Windscreen wipers
Activating/deactivating ... 150
Replacing the wiper blades ... 151
Replacing the wiper blades (windscreen) ... 151

Winter operation
Snow chains ... 386

Winter tyres
Limiter ... 240
Setting the permanent speed limit ... 240

Wiper blades
Care ... 358
Replacing (windscreen) ... 151

Wipers ... 150

Wireless applications ... 406

Wireless charging
Mobile phone ... 137
Overview ... 135

Wireless components
Importer addresses ... 32

Workshop ... 36

Publication details

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

https://www.mercedes-benz.com

https://group.mercedes-benz.com

Documentation team
You are welcome to forward any queries or suggestions you may have regarding this Operator's Manual to the technical documentation team at the following address:

Mercedes-Benz AG, HPC: CAC, Customer Service, 70546 Stuttgart, Germany

©Mercedes-Benz AG: Not to be reprinted, translated or otherwise reproduced, in whole or in part, without written permission from Mercedes-Benz AG.

Vehicle manufacturer
Mercedes-Benz AG

Mercedesstraße 120

70372 Stuttgart

Germany

As at 01.04.22



Digital – in the vehicle

Familiarise yourself with the contents of the Owner's Manual directly via the vehicle's multimedia system (menu item "Vehicle information"). Start with the quick guide or broaden your knowledge with practical tips.



Vehicle document wallet

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



Digital – on the Internet

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



Digital – as an App

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

2475843612Z102

Order no. P247 0937 02 Part no. 247 584 36 12 Z102
Edition ÄJ2022-2a

Apple® iOS

Android™